

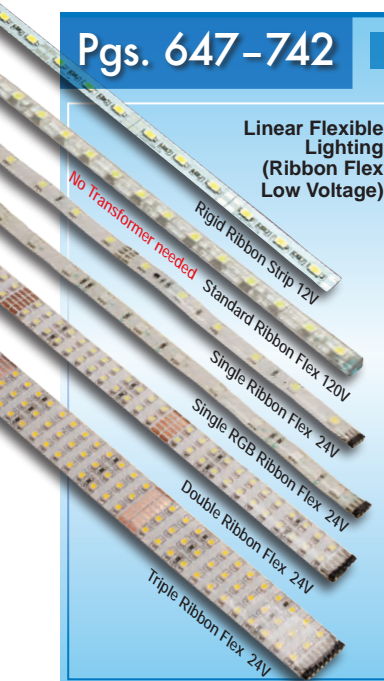
2014



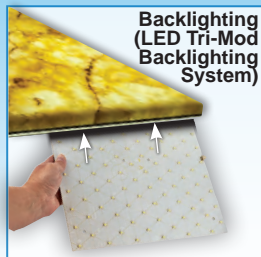
LIGHTING

LIGHTING

Pgs. 647-742



Linear Flexible Lighting (Ribbon Flex Low Voltage)



Backlighting (LED Tri-Mod Backlighting System)



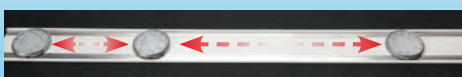
Puck Lighting (Infinity Lighting)



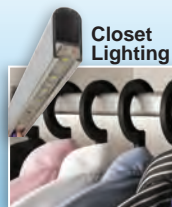
Channel Lighting (LED)



Linear Rigid Lighting (Sunray T5 Fixture)



Puck Lighting (Moveable Wafer Track System)



Closet Lighting



Spot Lights (Top Hat Spot)

Showcase Lighting (Omni Spot Vertical)



Outdoor Lighting (Solar Powered LED Iced Rock Landscape Lights)

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INDOOR/OUTDOOR LIGHTING (LED)

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PREMIUM RIBBON FLEX SYSTEM



24 V
Linear
Material: Flexible PVC
Cover w/Adhesive



Ideal for any application in which optimum longevity is required

Single Ribbon Flex (Up To 180 Lumens Per Foot) See Pages 648-649

Single RGB Ribbon Flex (Up To 48 Lumens Per Foot) See Pages 650-651

Double Ribbon Flex (Up To 327 Lumens Per Foot) See Pages 652-653

Triple Ribbon Flex (Up To 490 Lumens Per Foot) See Pages 654-655



Product Features:

- Brightest & Highest Lumen Available
- Most Consistent Binning/Color
- Can Accommodate Longer Runs
- Field Cuttable and Connectable
- 100% Usable (With Our Special "100% Usable Connectors")
- IP65 Waterproof Cover
- High CRI 80+

FLEXIBLE



LED LIGHTING

24 V

Linear

Material: Flexible PVC
Cover w/Adhesive



"PREMIUM" Single Ribbon Flex Series

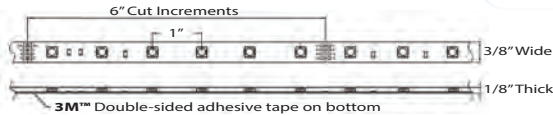
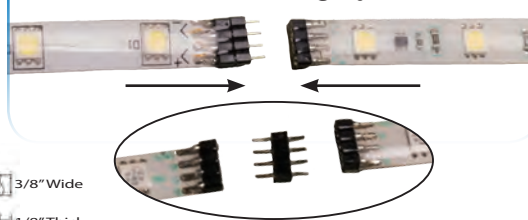


PRODUCT FEATURES:

- Extremely high lumens output with very consistent color temps
- Field trimmable, 100% usable when used with special "100% Usable" connectors (sold separately)
- Dimmable
- IP65 suitable for damp locations



Connect Ribbon Using Our 4 Pin Connecting System



Lighting Specification

| Color Temperature | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Warm White | Pure White |
| 1500K 3000K 4500K 6000K 7500K | Cool White |
| Cool White: 6500K Pure White: 4500K Warm White: 3000K-3500K | |
| Beam Spread | |
| 120° | |
| Lumens | |
| Pure White (16.5'): 2890 Warm White (16.5'): 2745 Cool White (16.5'): 2958 Red (16.5'): 768 Green (16.5'): 1728 Blue (16.5'): 480 | |
| Color Rendering Index | |
| Cool White: 75 Pure White: 75 Warm White: 80 Red/Green/Blue: 75 | |
| | Cool/Pure/Warm Average Rated For 50,000 Hours |
| | Red/Green/Blue Average Rated For 30,000 Hours |

Premium Ribbon- Cool (*W), Warm (*WW) & Pure White (*PW)

| PART # | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|-------------------|--------|----------------|---------------|-------------------|
| LED-RIBBON-24V-* | 22.5" | 24 | 6 | 26' |
| LED-RIBBON-24V-*6 | 6' | 72 | 18 | 26' |
| LED-RIBBON-24V-*9 | 16.5' | 204 | 51 | 26' |

Premium Ribbon (Solid Colors)- Red (*RD), Green (*GN) & Blue (*BL)

| PART # | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|-------------------|--------|----------------|---------------|-------------------|
| LED-RIBBON-24V-* | 22.5" | 24 | 6 | 26' |
| LED-RIBBON-24V-*6 | 6' | 72 | 18 | 26' |
| LED-RIBBON-24V-*9 | 16.5' | 204 | 51 | 26' |

12" SAMPLE KIT AVAILABLE
LED-RIBBON-24V-*K

Power Supplies (Required)



Connectors (Optional)



Male / Female End To End Connecting Cables (Optional)

Function: Is to allow the designer to get around unlit areas without multiple power supplies



| PART # | LENGTH | COLOR |
|------------------|--------|-------|
| LED-RIB-CON-BK | 18" | Black |
| LED-RIB-CON24-BK | 24" | Black |
| LED-RIB-CON36-BK | 36" | Black |
| LED-RIB-CON-WH | 18" | White |
| LED-RIB-CON24-WH | 24" | White |
| LED-RIB-CON36-WH | 36" | White |

See Page 649 For A Full Line of Accessories

LED LIGHTING

24 V

Linear

Material: Flexible PVC
Cover w/Adhesive



“PREMIUM” Single Ribbon Flex Series



No More Wasted Lengths of Ribbon
Our NEW 100% Usable Connector Allows For Joining Cut Strips of Ribbon

Full Pieces of Ribbon



6" Cut
Increments

6" Cut
Increments

6" Cut
Increments

Step 1: Cut
Cut Ribbon At Any
6" Increment



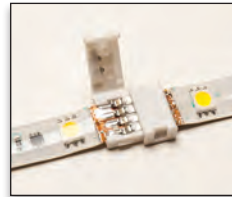
Step 2: Strip
Remove Flexible
PVC Cover



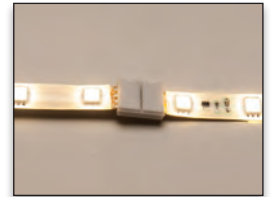
Step 3: Click
Insert Cut Ribbon Into
100% Usable Connector



Step 4:
Repeat Steps 1-3 To
Connect Multiply Pieces



Step 5:
Plug In And Enjoy Our
100% Usable System



100% Usable Connectors (Optional)

Function: To be used when it is necessary to apply power or to connect cut pieces of ribbon to each other

End to End
Direct Connect



LED-RIBBON-100U-EE

79" Long Hardwire Cable



LED-RIBBON-100U-ST

Power Linking Cable



LED-RIBBON-100U-PL

Connecting Cable



LED-RIBBON-100U-C1
24" Connecting Cable

LED-RIBBON-100U-C2
36" Connecting Cable

Extra Accessories

Switches (Optional)

LED-SWITCH-3A
Color: Black
LED-SWITCH-3A-WH
Color: White



Function: 3A On/Off
1"W x 3/4"H x 2-1/4"L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

Dimmer (Optional)

Rotary Dimmer

LED-RIBBON-24V-DIM



2-1/4"L x 3-1/2"W x 1-1/2"D
Female Input Cord: 2'
Male Output Cord: 2'
Range of Dimming: 0-100%
Color: Off White
Mounting: Screw

Inline Rotary
Universal Dimmer

LED-INLINE-DIM
Color: Black
LED-INLINE-DIM-WH
Color: White



1-3/8"W x 1"H x 2-5/8"L
Female Input Cord: 24"
Male Output Cord: 24"
Range of Dimming: 0-100%
Mounting: Adhesive

Infa-Red Dimmer
With Remote

LED-RIBBON-IR-DIM



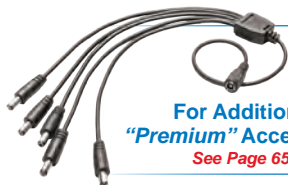
3-3/8"W x 3-3/8"L x 1-3/8"H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 0-100%
Color: White
Mounting: Screw

Touch Dimmer

LED-RIBBON-TCH-DIM



3-3/8"W x 3-3/8"L x 1-3/8"H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 10-100%
Color: Black
Mounting: Recessed



For Additional
“Premium” Accessories
See Page 656

Universal LED Ribbon
Mounting Channels

See Pages 670-671, 673



LED LIGHTING

24 V
Linear
Material: Flexible PVC
Cover w/Adhesive



"PREMIUM" Single RGB Ribbon Flex Series

Available Lengths
3.5 Ft., 6.5 Ft., 16.5 Ft.



PRODUCT FEATURES:

- Field trimmable
- Connectable- male connector included
- IP65 suitable in damp locations
- RGB can be programmed to strobe or morph

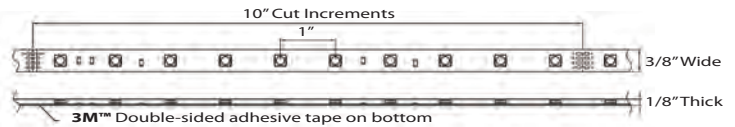
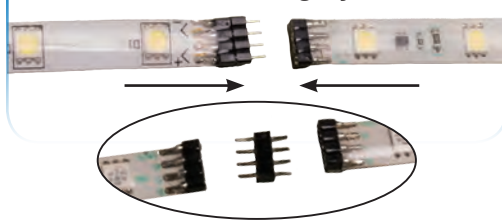


A Kaleidoscope of Colors

Endless Possibilities of Colors



Connect Ribbon Using Our
4 Pin Connecting System



Lighting Specification

| | |
|-------------------------|---------------------------------|
| Beam Spread | 140° |
| Lumens | Red: 22 Green: 48 Blue: 7 |
| Constant Voltage | Average Rated For 50,000 Hours |

7 Solid Colors



| PART # | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|--------------------|--------|----------------|---------------|-------------------|
| LED-RIBBON-RGB-24V | 39" | 40 | 14W | 16.5' |
| LED-RIBBON-RGB24V6 | 6.5' | 80 | 28W | 16.5' |
| LED-RIBBON-RGB24V9 | 16.5' | 204 | 70W | 16.5' |

Power Supplies (Required)



Controllers (Required)

LED-RIBBON-RGB-CRM



6-Key Multi Function (Basic)
2-1/2" W x 1" H x 3-3/8" L
Female Input Cord: 18"
Male Output Cord: 18"
Color: Off White
Mounting: Screw

LED-RIBBON-RGB-CRP



8-Key Multi Function (Pause)
2-1/8" W x 1" H x 4-3/8" L
Female Input Cord: 18"
Male Output Cord: 18"
Color: Black
Mounting: Screw

LED-RIBBON-RGB-SDR



21-Key Multi Function (Basic)
2-1/2" W x 1" H x 4" L
Female Input Cord: 18"
Male Output Cord: 18"
Color: Aluminum
Mounting: Screw

LED-RIBBON-RGB-DBM



8-Key Multi Function (Pause)
2-1/2" W x 1" H x 4" L
Wall Remote: 4"
3" W x 1-1/4" D x 4-3/4" L
Female Input Cord: 18"
Male Output Cord: 18"
Color: Black (Controller)
White (Wall Remote)
Mounting: Screw

See Page 651 For A Full Line of Accessories

LED LIGHTING

24 V
Linear
Material: Flexible PVC
Cover w/Adhesive



“PREMIUM” Single RGB Ribbon Flex Series



No More Wasted Lengths of Ribbon
Our NEW 100% Usable Connector Allows For Joining Cut Strips of Ribbon

Full Pieces of Ribbon



Step 1: Cut
Cut Ribbon At Any
6” Increment



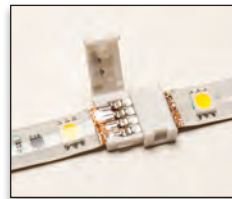
Step 2: Strip
Remove Flexible
PVC Cover



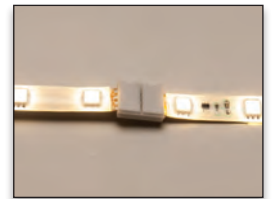
Step 3: Click
Insert Cut Ribbon Into
100% Usable Connector



Step 4:
Repeat Steps 1-3 To
Connect Multiply Pieces



Step 5:
Plug In And Enjoy Our
100% Usable System



100% Usable Connectors (Optional)

Function: To be used when it is necessary to apply power or to connect cut pieces of ribbon to each other

End to End
Direct Connect



LED-RIBBON-100U-EE

79” Long Hardwire Cable



LED-RIBBON-100U-RT

Connecting Cable



LED-RIBBON-100U-R1
24” Connecting Cable

LED-RIBBON-100U-R2
36” Connecting Cable

Extra Accessories

Controllers (Required)

New



LED-RGB-INLINE

10-Key Multi Function
1/2”W x 1/8”H x 1-1/2”L
Female Input Cord: 3-1/2”
Color: White



RGB Amplifier (Optional)

Function: Is To extend the signal of an RGB controller when the power supply is exceeded
(Must purchase another power supply when using this product)

LED-RIBBON-RGB-AMP



2-1/2”W x 7/8”H x 3-1/2”L
Female Input Cord: 18”
Male Output Cord: 18”
Color: Aluminum

Connecting Cables (Optional)

Function: Is to allow the designer to get around unlit areas without multiple power supplies



| PART # | LENGTH | COLOR |
|--------------------|--------|----------------------|
| LED-RIBBON-RGB-CON | 18” | Red/Green/Blue/Black |
| LED-RIBBON-RGB-C24 | 24” | Red/Green/Blue/Black |
| LED-RIBBON-RGB-C36 | 36” | Red/Green/Blue/Black |

Connectors (Optional)

2-Way “L”



LED-RIBBON-2W-C

3-Way “T”



LED-RIBBON-3W-C

4-Way “X”



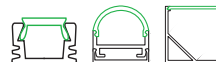
LED-RIBBON-4W-C



For Additional
“Premium” Accessories
See Page 656

Universal LED Ribbon Mounting Channels

See Pages 670-671, 673



LED LIGHTING

24 V

Linear

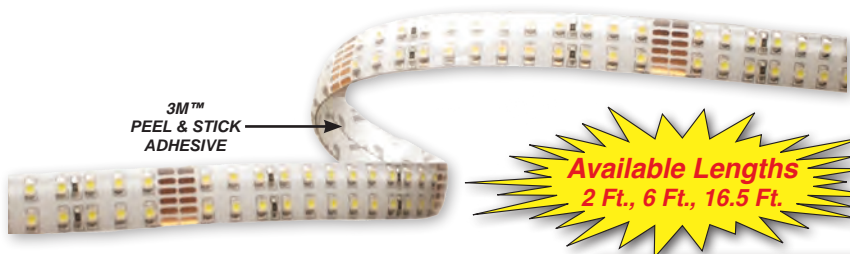
Material: Flexible PVC
Cover w/Adhesive



“PREMIUM” Double Ribbon Flex Series



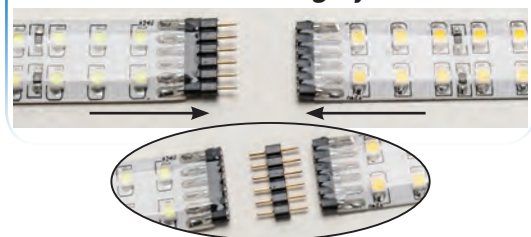
New



PRODUCT FEATURES:

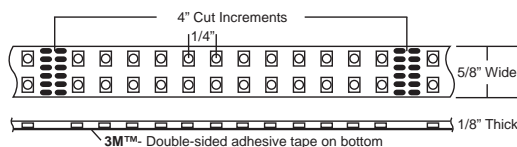
- Extremely high lumen output with very consistent color temps
- Field trimmable, 100% usable when used with special “100% Usable” connectors (sold separately)
- Dimmable
- IP65 suitable for damp locations

Connect Ribbon Using Our 6 Pin Connecting System



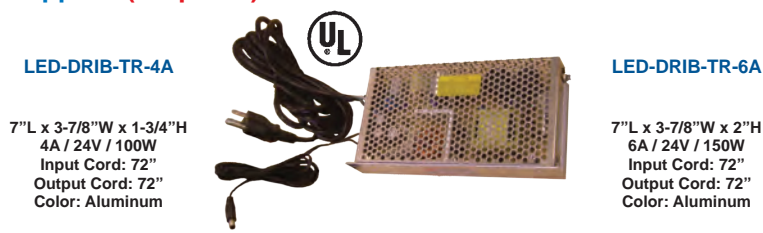
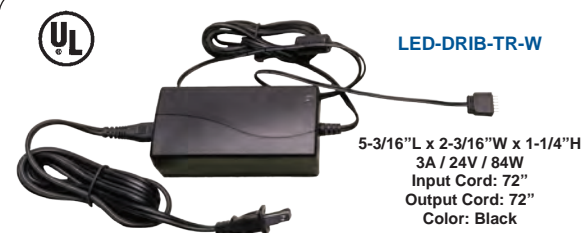
Lighting Specification

| | | |
|---------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color Temperature | | Pure White: 4500K Warm White: 3000K-3500K |
| Warm White 1500K 3000K 4500K 6000K 7500K | Pure White Cool White | |
| Beam Spread | | 120° |
| Lumens | | Pure White (22.5"): 640 Warm White (22.5"): 640 Pure White (6'): 1940 Warm White (6'): 1940 Pure White (16.5'): 5400 Warm White (16.5'): 5400 |
| Color Rendering Index | | Pure White: 75 Warm White: 75 |
| Constant Voltage | | Average Rated For 30,000 Hours |



| PART # | COLOR TEMP | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|------------------|------------|--------|----------------|---------------|-------------------|
| LED-DRIB-24V-PW | Pure White | 22.5" | 144 | 12 | 16.5' |
| LED-DRIB-24V-WW | Warm White | 22.5" | 144 | 12 | 16.5' |
| LED-DRIB-24V-PW6 | Pure White | 6' | 432 | 35 | 16.5' |
| LED-DRIB-24V-WW6 | Warm White | 6' | 432 | 35 | 16.5' |
| LED-DRIB-24V-PW9 | Pure White | 16.5' | 1200 | 96 | 16.5' |
| LED-DRIB-24V-WW9 | Warm White | 16.5' | 1200 | 96 | 16.5' |

Power Supplies (Required)



Connectors (Optional)



See Page 653
For A Full Line
of Accessories

LED LIGHTING

24 V

Linear

Material: Flexible PVC
Cover w/Adhesive



“PREMIUM” Double Ribbon Flex Series



New

No More Wasted Lengths of Ribbon

Our NEW 100% Usable Connector Allows For Joining Cut Strips of Ribbon

Full Pieces of Ribbon



4" Cut
Increments

4" Cut
Increments

4" Cut
Increments

4" Cut
Increments

Step 1: Cut
Cut Ribbon At Any
6" Increment



Step 2: Strip
Remove Flexible
PVC Cover



Step 3: Click
Insert Cut Ribbon Into
100% Usable Connector



Step 4:
Repeat Steps 1-3 To
Connect Multiple Pieces



Step 5:
Plug In And Enjoy Our
100% Usable System



100% Usable Connectors (Optional)

Function: To be used when it is necessary to apply power or to connect cut pieces of ribbon to each other

End to End
Direct Connect



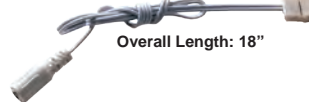
LED-DRIB-100U-EE

79" Long Hardwire Cable



LED-DRIB-100U-ST

Power Linking Cable



LED-DRIB-100U-PL

Connecting Cable



LED-DRIB-100U-C1
24" Connecting Cable

LED-DRIB-100U-C2
36" Connecting Cable

Extra Accessories

Switches (Optional)

LED-SWITCH-3A
Color: Black
LED-SWITCH-3A-WH
Color: White



Function: 3A On/Off
1"W x 3/4"H x 2-1/4"L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

Dimmer (Optional)

Rotary Dimmer

LED-DRIB-24V-DIM



2-1/4"L x 3-1/2"W x 1-1/2"D
Female Input Cord: 2'
Male Output Cord: 2'
Range of Dimming: 0-100%
Color: Off White
Mounting: Screw

Inline Rotary
Universal Dimmer

LED-INLINE-DIM
Color: Black
LED-INLINE-DIM-WH
Color: White



1-3/8"W x 1"H" x 2-5/8"L
Female Input Cord: 24"
Male Output Cord: 24"
Range of Dimming: 0-100%
Mounting: Adhesive

Infa-Red Dimmer
With Remote

LED-DRIB-IR-DIM



3-3/8"W x 3-3/8"L x 1-3/8"H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 0-100%
Color: White
Mounting: Screw

Touch Dimmer

LED-DRIB-TCH-DIM



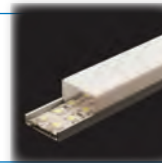
3-3/8"W x 3-3/8"L x 1-3/8"H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 10-100%
Color: Black
Mounting: Recessed



For Additional
“Premium” Accessories
See Page 656

Universal LED Ribbon
Mounting Channels

See Page 672



LED LIGHTING

24 V

Linear

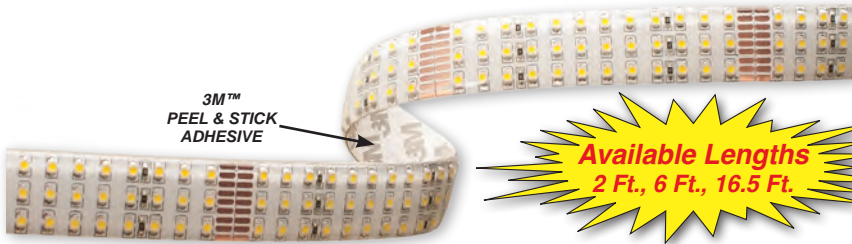
Material: Flexible PVC
Cover w/Adhesive



“PREMIUM” Triple Ribbon Flex Series



New



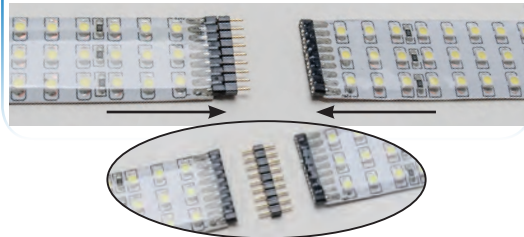
3M™
PEEL & STICK
ADHESIVE

Available Lengths
2 Ft., 6 Ft., 16.5 Ft.

PRODUCT FEATURES:

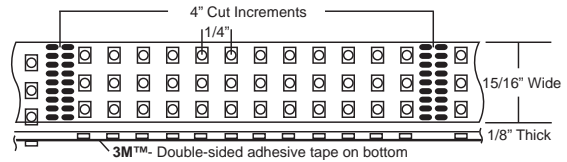
- Extremely high lumen output with very consistent color temps
- Field trimmable, 100% usable when used with special “100% Usable” connectors (sold separately)
- Dimmable
- IP65 suitable for damp locations

Connect Ribbon Using Our 9 Pin Connecting System



Lighting Specification

| Color Temperature | |
|--------------------------|----------------------------------------------|
| | Pure White: 4500K Warm White: 3000K-3500K |
| Beam Spread | 120° |
| Lumens | Pure White (22.5"): 970 |
| | Warm White (22.5"): 970 |
| | Pure White (6'): 2915 |
| | Warm White (6'): 2915 |
| | Pure White (16.5'): 8100 |
| Warm White (16.5'): 8100 | |
| Color Rendering Index | Pure White: 75 |
| | Warm White: 75 |
| | Average Rated For 30,000 Hours |



| PART # | COLOR TEMP | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|------------------|------------|--------|----------------|---------------|-------------------|
| LED-TRIB-24V-PW | Pure White | 22.5" | 216 | 18 | 16.5' |
| LED-TRIB-24V-WW | Warm White | 22.5" | 216 | 18 | 16.5' |
| LED-TRIB-24V-PW6 | Pure White | 6' | 468 | 52 | 16.5' |
| LED-TRIB-24V-WW6 | Warm White | 6' | 468 | 52 | 16.5' |
| LED-TRIB-24V-PW9 | Pure White | 16.5' | 1800 | 144 | 16.5' |
| LED-TRIB-24V-WW9 | Warm White | 16.5' | 1800 | 144 | 16.5' |

Power Supplies (Required)

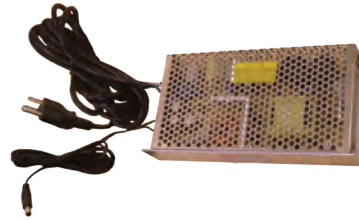


LED-TRIB-TR-W

5-3/16" L x 2-3/16" W x 1-1/4" H
3A / 24V / 84W
Input Cord: 72"
Output Cord: 72"
Color: Black

LED-TRIB-TR-4A

7" L x 3-7/8" W x 1-3/4" H
4A / 24V / 100W
Input Cord: 72"
Output Cord: 72"
Color: Aluminum



LED-TRIB-TR-6A

7" L x 3-7/8" W x 2" H
6A / 24V / 150W
Input Cord: 72"
Output Cord: 72"
Color: Aluminum

Connectors (Optional)

2-Way "L"



LED-TRIB-2W

3-Way "T"



LED-TRIB-3W

4-Way "X"



LED-TRIB-4W

**See Page 655
For A Full Line
of Accessories**

LED LIGHTING

24 V

Linear

Material: Flexible PVC
Cover w/Adhesive



“PREMIUM” Triple Ribbon Flex Series



New

No More Wasted Lengths of Ribbon
Our NEW 100% Usable Connector Allows For Joining Cut Strips of Ribbon

Full Pieces of Ribbon



4" Cut
Increments

4" Cut
Increments

4" Cut
Increments

4" Cut
Increments

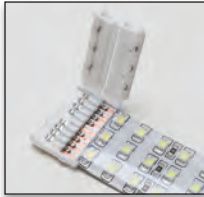
Step 1: Cut
Cut Ribbon At Any
6" Increment



Step 2: Strip
Remove Flexible
PVC Cover



Step 3: Click
Insert Cut Ribbon Into
100% Usable Connector



Step 4:
Repeat Steps 1-3 To
Connect Multiple Pieces



Step 5:
Plug In And Enjoy Our
100% Usable System



100% Usable Connectors (Optional)

Function: To be used when it is necessary to apply power or to connect cut pieces of ribbon to each other

End to End
Direct Connect



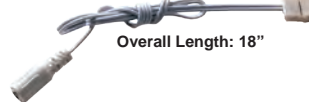
LED-TRIB-100U-EE

79" Long Hardwire Cable



LED-TRIB-100U-ST

Power Linking Cable



LED-TRIB-100U-PL

Connecting Cable



LED-TRIB-100U-C1
24" Connecting Cable

LED-TRIB-100U-C2
36" Connecting Cable

Extra Accessories

Switches (Optional)

LED-SWITCH-3A
Color: Black
LED-SWITCH-3A-WH
Color: White



Function: 3A On/Off
1"W x 3/4"H x 2-1/4"L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

Dimmer (Optional)

Rotary Dimmer

LED-DRIB-24V-DIM



2-1/4"L x 3-1/2"W x 1-1/2"D
Female Input Cord: 2'
Male Output Cord: 2'
Range of Dimming: 0-100%
Color: Off White
Mounting: Screw

Inline Rotary
Universal Dimmer

LED-INLINE-DIM
Color: Black
LED-INLINE-DIM-WH
Color: White.



1-3/8"W x 1"H x 2-5/8"L
Female Input Cord: 24"
Male Output Cord: 24"
Range of Dimming: 0-100%
Mounting: Adhesive

Infa-Red Dimmer
With Remote

LED-DRIB-IR-DIM.



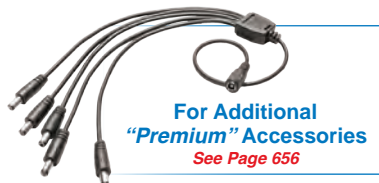
3-3/8"W x 3-3/8"L x 1-3/8"H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 0-100%
Color: White
Mounting: Screw

Touch Dimmer

LED-DRIB-TCH-DIM



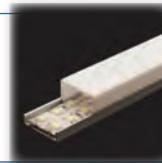
3-3/8"W x 3-3/8"L x 1-3/8"H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 10-100%
Color: Black
Mounting: Recessed



For Additional
“Premium” Accessories
See Page 656

Universal LED Ribbon
Mounting Channels

See Page 672



24 V
Linear



“PREMIUM” ACCESSORIES For Ribbon Flex



New

Multi Output Cables/Ports (Optional)

Function: Is to join multiple fixtures to one power supply. The spider and sweep come with a power link cable.

Sweep Cable

Best Used For Showcases & Cabinets



Arms: 8-3/4"
of Arms: 5
Overall Length: 19"

LED-RIB5OUT-CBL
Color: Black
LED-RIB5OUT-CBL-WH
Color: White

DC 5.5

Spider Cable

Best Used For Stairs



of Arms: 4
Overall Length: 96"

LED-RIBSPI-CBL
Color: Black
LED-RIBSPI-CBL-WH
Color: White

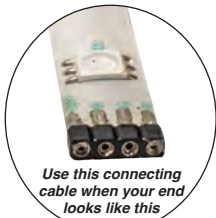
DC 5.5

Adapters For Multi Output Cables/Ports (Optional)

Function: Works with sweep or spider cables

Power Linking Cable

Overall Length: 18"



Use this connecting cable when your end looks like this

DC 5.5

For Single Ribbon

LED-ARM-PIN-BK
Color: Black
LED-ARM-PIN-WH
Color: White

For Double Ribbon

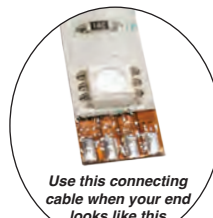
LED-DARM-PIN-WH
Color: White

For Triple Ribbon

LED-TARM-PIN-WH
Color: White

100% Usable Connector

Overall Length: 18"



Use this connecting cable when your end looks like this

DC 5.5

For Single Ribbon

LED-ARM-100U-WH
Color: White

For Double Ribbon

LED-DARM-100U-WH
Color: White

For Triple Ribbon

LED-TARM-100U-WH
Color: White

Door Sensor Switch (Optional)



Surface Mount

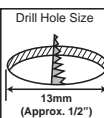
DC 5.5

LED-DSEN

2-1/2"L x 1"W x 11/16"H
Female Input Cord: 18"
Male Output Cord: 18"
Color: Silver Grey



Recessed Mount



5/8" Dia.

DC 5.5

LED LIGHTING

12 V

Linear

Material: Flexible
PVC Cover w/Adh.

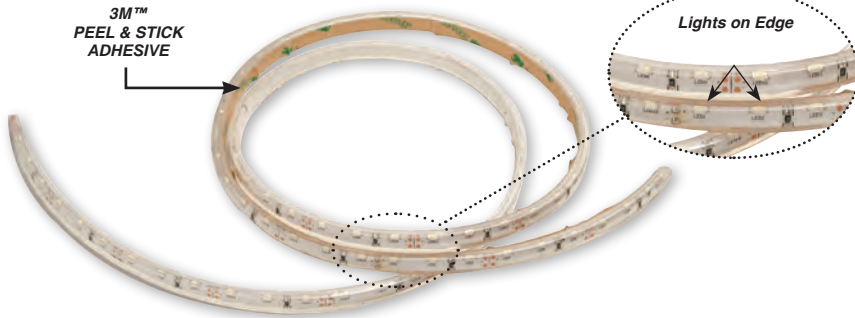


STANDARD EDGE OF LIGHT

LIGHT IS DIRECTED AWAY FROM EYESIGHT

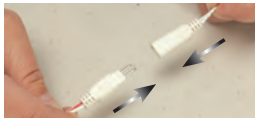


New



PRODUCT FEATURES:

- Directs light to front or back of desired lit surface
- Dimmable
- Field trimmable
- Connectable male/female connector included
- IP65 suitable in damp locations



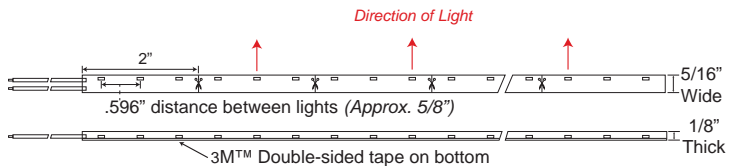
EASY CONNECTION
With our Exclusive
end-to-end connector



| PART # | COLOR TEMP | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|-----------------|------------|--------|----------------|---------------|-------------------|
| LED-EOL-12V-CW | Cool White | 22.5" | 40 | 3.12 | 32' |
| LED-EOL-12V-WW | Warm White | 22.5" | 40 | 3.12 | 32' |
| LED-EOL-12V-CW6 | Cool White | 6' | 120 | 9.36 | 32' |
| LED-EOL-12V-WW6 | Warm White | 6' | 120 | 9.36 | 32' |
| LED-EOL-12V-CW9 | Cool White | 16.5' | 330 | 26.4 | 32' |
| LED-EOL-12V-WW9 | Warm White | 16.5' | 330 | 26.4 | 32' |

Lighting Specification

| Color Temperature | |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Cool White: 5500K Warm White: 3300K |
| Beam Spread | 120° |
| Lumens | LED-EOL-12V-CW (22.5"): 238 LED-EOL-12V-WW (22.5"): 218 LED-EOL-12V-CW6 (6'): 713 LED-EOL-12V-WW6 (6'): 653 LED-EOL-12V-CW9 (16.5"): 1845 LED-EOL-12V-WW9 (16.5"): 1815 |
| Color Rendering Index | Cool White: 75 Warm White: 80 |
| | |
| Average Rated For 30,000 Hours | |



Power Supplies (Required)



LED-CL-TR60W

5-1/4" L x 2-1/4" W x 1-3/16" H
5A / 12V / 60W
Input Cord: 72"
Output Cord: 60"
Color: Black

LED LIGHTING

12 V
LED
Material: Flexible
PVC Cover
w/Adhesive



STANDARD 12V LED RIBBON FLEX MOST ECONOMICAL LED RIBBON TWO COIL SIZES: 8.25 FT. OR 16.5 FT.



PRODUCT FEATURES:

- Ideal for budget conscience applications
- Consistent binning/color
- Field cuttable and connectable
- IP65 waterproof cover

Special Feature
Ribbon has 2 female ends (DC 5.5)
so it can be cut to size and then
the remaining piece can be used
for another project

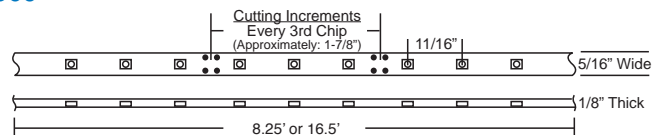


Lighting Specification

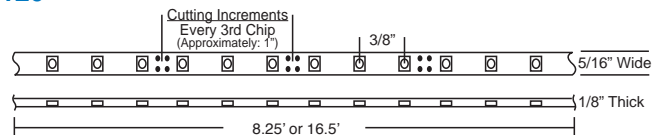
| Color Temperature | | Cool White: 6000K-6500K Warm White: 2800K-3300K |
|---------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Warm White 1500K 3000K | Pure White 4500K | |
| Beam Spread | | 120° |
| Lumens | | ERF ⁺ -3560-CW: 85 per ft. ERF ⁺ -3560-WW: 75 per ft. ERF ⁺ -35120-CW: 165 per ft. ERF ⁺ -35120-WW: 145 per ft. ERF ⁺ -5060-CW: 255 per ft. ERF ⁺ -5060-WW: 220 per ft. |
| Color Rendering Index | | Cool White: 75 Warm White: 80 |
| Constant Voltage | | Average Rated For 50,000 Hours |

Each Roll Has A DC 5.5 Connectors On Both Sides

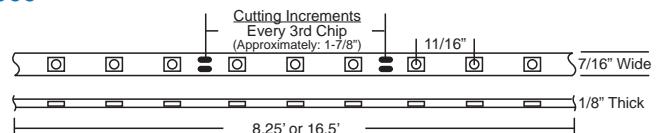
ERF⁺-3560-*



ERF⁺-35120-*



ERF⁺-5060-*



| PART # | COLOR TEMP | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|--------------|-------------------------------------|--------|----------------|---------------|-------------------|
| ERF2-3560-* | Cool White (*CW) / Warm White (*WW) | 8.25' | 150 | 12W | 33' |
| ERF2-35120-* | Cool White (*CW) / Warm White (*WW) | 8.25' | 300 | 24W | 33' |
| ERF2-5060-* | Cool White (*CW) / Warm White (*WW) | 8.25' | 150 | 36W | 33' |
| ERF5-3560-* | Cool White (*CW) / Warm White (*WW) | 16.5' | 300 | 24W | 33' |
| ERF5-35120-* | Cool White (*CW) / Warm White (*WW) | 16.5' | 600 | 48W | 33' |
| ERF5-5060-* | Cool White (*CW) / Warm White (*WW) | 16.5' | 300 | 72W | 16.5' |

LED LIGHTING

12 V

LED

Material: Flexible
PVC Cover
w/Adhesive



Medium To High
Light Output

STANDARD 12V LED RIBBON FLEX MOST ECONOMICAL LED RIBBON TWO COIL SIZES: 8.25 FT. OR 16.5 FT.



Power Supplies (Required)

LED-ERF-1A

2-3/4" L x 2-1/4" W x 1-1/8" H
1A / 12V / 12W
Input Cord: 60"
Color: Black



LED-ERF-3A

3-13/16" L x 1-3/4" W x 1-1/2" H
3A / 12V / 36W
Input Cord: 72"
Color: Black



LED-ERF-5A

5-1/4" L x 2-1/4" W x 1-3/16" H
5A / 12V / 60
Input Cord: 72"
Output Cord: 60"
Color: Black

Dimmer (Optional)

Inline Rotary Universal Dimmer

LED-INLINE-DIM
Color: Black
LED-INLINE-DIM-WH
Color: White



1-3/8" W x 1" H x 2-5/8" L
Female Input Cord: 24"
Male Output Cord: 24"
Range of Dimming: 0-100%
Mounting: Adhesive

Infa-Red Dimmer With Remote

LED-ERF-IR-DIM



3-3/8" W x 3-3/8" L x 1-3/8" H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 0-100%
Color: White
Mounting: Screw

Touch Dimmer

LED-ERF-TCH-DIM



3-3/8" W x 3-3/8" L x 1-3/8" H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 10-100%
Color: Black
Mounting: Recessed

Switches (Optional)

LED-SWITCH-1A
Color: Black
LED-SWITCH-1A-WH
Color: White



Function: 1A On/Off
1" W x 3/4" H x 2-1/4" L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

LED-SWITCH-3A
Color: Black
LED-SWITCH-3A-WH
Color: White



Function: 3A On/Off
1" W x 3/4" H x 2-1/4" L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

Multi Output Cables / Ports (Optional)

Function: Is to join multiple fixtures to one power supply.
The spider and sweep come with a power link cable.

Spider Cable

Best Used For Stairs

LED-ERFSPI-CBL
Color: Black
LED-ERFSPI-CBL-WH
Color: White



of Arms: 4
Overall Length: 96"

Sweep Cable

Best Used For Show Cases & Cabinets

Arms: 8-3/4"
of Arms: 5
Overall Length: 19"



LED-ERF5OUT-CBL
Color: Black
LED-ERF5OUT-CBL-WH
Color: White

DC 5.5 Double Male Connector (Optional)

Function: Used when joining 2 coils of
standard 12V ribbon together



LED-5555

LED Ribbon Mounting Channels

See Pages 670-671, 673



LED LIGHTING

120 V

LED

Material: Flexible PVC



120V RIBBON FLEX No Transformers Needed!

Can Run Up To 165 Ft. On One Power Supply
Indoor / Outdoor



New

BLF*-3560-* (Up To 85 Lumens Per Foot)
3528 Chip 60 pcs/meter

See Page 661

BLF*-5060-* (Up To 255 Lumens Per Foot)
5050 Chip 60 pcs/meter

See Page 661

3/8" |
|. . | 1/4"

1/2" |
|. . | 3/8"

Product Features:

- Ideal for applications in which longer lengths are desired
- Consistent binning/color
- Field cuttable and connectable
- IP65 waterproof cover
- BLF*-3560-*: Cuttable every 40"
- BLF*-5060-*: Cuttable every 19"



Remember do not leave 120V Ribbon Flex plugged in for more then one minute while on shipping spool, as damage to product will occur.



NO RETURNS ON CUT PRODUCTS

Warning: If using 120V Ribbon Flex outdoors, be sure to use waterproof PVC or silicon to secure all connections and power cords

LED LIGHTING

120 V

LED

Material: Flexible PVC



120V RIBBON FLEX No Transformers Needed! Can Run Up To 165 Ft. On One Power Supply Indoor / Outdoor



New

BLF*-3560-* (Up To 85 Lumens Per Foot)
3528 Chip 60 pcs/meter

BLF*-5060-* (Up To 255 Lumens Per Foot)
5050 Chip 60 pcs/meter

PRODUCT FEATURES:

- Ideal for applications in which longer lengths are desired
- Consistent binning/color
- Field cuttable and connectable
- IP65 waterproof cover
- Dimmable

Lighting Specification

| | | |
|------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color Temperature | | Cool White: 6000K-6500K Warm White: 2800K-3000K |
| Warm White 1500K 3000K | Pure White 4500K 6000K | |
| Beam Spread | | 120° |
| Lumens | | BLF*-3560-CW: 85 per ft. BLF*-3560-WW: 75 per ft. BLF*-5060-CW: 255 per ft. BLF*-5060-WW: 220 per ft. BLF*-3560-BL: 14 per ft. BLF*-3560-GR: 58 per ft. BLF*-3560-RD: 14 per ft. BLF*-5060-BL: 42 per ft. BLF*-5060-GR: 174 per ft. BLF*-5060-RD: 45 per ft. |
| Color Rendering Index | | Cool White: 75 Warm White: 80 |
| Constant Voltage | | Average Rated For 50,000 Hours |



Direct Connection



| PART # | COLOR TEMP | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|------------|------------------------------------------------------------------|--------|----------------|---------------|-------------------|
| BLF3-3560* | *CW- Cool White, *WW- Warm White, *BL-Blue, *GR- Green, *RD- Red | 33' | 600 | 44 | 164' |
| BLF3-5060* | | 33' | 600 | 110 | 164' |
| BLF6-3560* | *CW- Cool White, *WW- Warm White | 164' | 3000 | 220 | 164' |
| BLF6-5060* | | 164' | 3000 | 550 | 164' |

NO RETURNS ON CUT PRODUCTS

Warning: If using 120V Ribbon Flex outdoors, be sure to use waterproof PVC or silicon to secure all connections and power cords

Power Supplies (Required)

Power Cord for BLF*-3560*

BLF-35PC



Power Cord for BLF*-5060*

BLF-50PC

Splicer (Optional)

Splicer for BLF*-3560*

BLF-35SPL



Splicer for BLF*-5060*

BLF-50SPL

End Cap (Optional)

End Cap for BLF*-3560*

BLF-35END



End Cap for BLF*-5060*

BLF-50END

Mounting Clips (Optional)

Mounting Clips for BLF*-3560*

BLF-35MNT

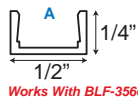


Mounting Clips for BLF*-5060*

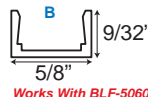
BLF-50MNT

LED Ribbon Mounting Channels

Material: Clear anodized aluminum base for clean straight lines



Works With BLF-3560



Works With BLF-5060

PRODUCT FEATURES:

- Install LED Ribbon with ease! These new channels can be incorporated into a variety of applications

| | PART # | OVERALL HEIGHT | LENGTH |
|---|-----------|----------------|--------|
| A | L-TASK-11 | 1/4" | 8 ft. |
| B | L-TASK-12 | 9/32" | 6 ft. |

12 V & 24 V
Linear



SPECIAL EFFECTS RIBBON FLEX



New

A substantial palette of color options. The controller options allow you to create your own mood with a wide range of color combinations and functions.

Chasing RGB (12V)

Can program the lights to run in different color patterns

See Page 663

RGB With True White (24V)

Can program the light to run in different RGB patterns with dedicated true cool or warm white color option

See Page 664

Chasing Solid White (24V)

Can program a single color of cool or warm white so that you can create a chasing or flashing effect

See Page 665

White Chameleon (24V)

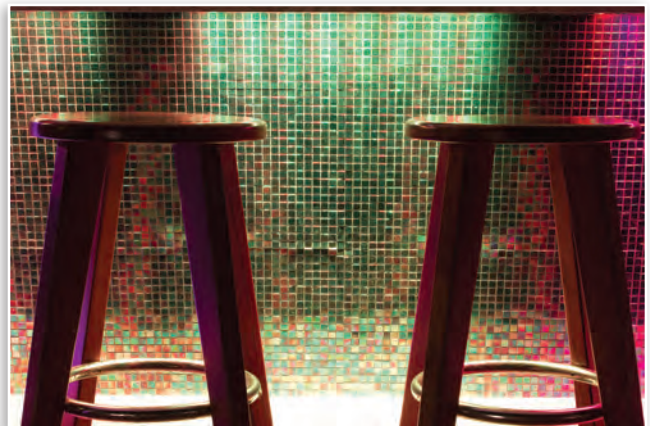
Can program your color temperature from warm to pure to cool white

See Page 666

Product Features:

- Field Cuttable
- IP44 Non Waterproof

FLEXIBLE



LED LIGHTING

12 V
Linear

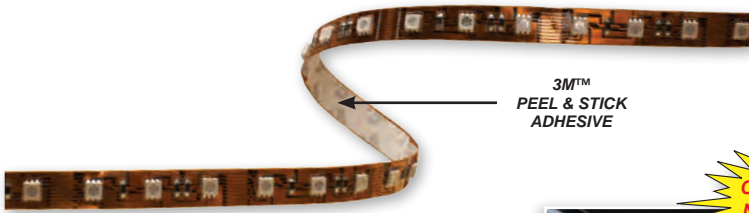


SPECIAL EFFECTS CHASING RGB RIBBON FLEX



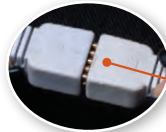
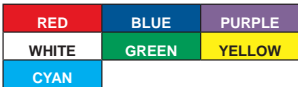
PRODUCT FEATURES:

- All the functions of regular RGB ribbon with the added ability of chasing



3M™
PEEL & STICK
ADHESIVE

7 Solid Colors

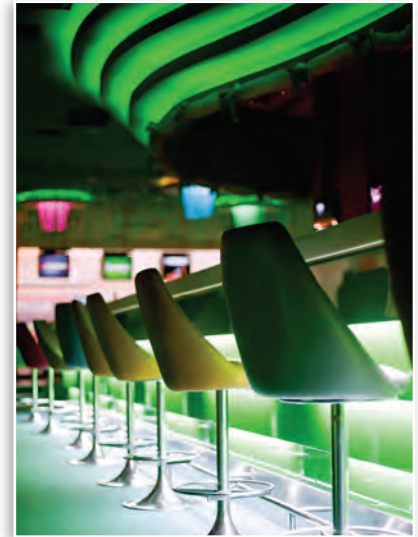
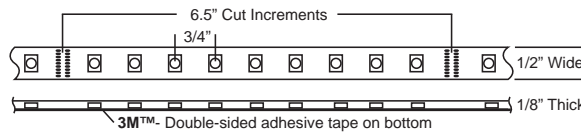


MALE / FEMALE
POWER SUPPLY
CONNECTION



Lighting Specification

| | |
|-------------------------|--------------------------------|
| Beam Spread | 120° |
| Constant Voltage | Average Rated For 50,000 Hours |



| PART # | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|--------------------|--------|----------------|---------------|-------------------|
| LED-CHASE-12V-RGB9 | 16.5' | 270 | 64.8W | 16.5' |

Power Supplies (Required)



LED-CHASE-TR-6A

5-1/8" L x 2-1/2" W x 1-3/16" H
6A / 12V / 72W
Input Cord: 48"
Output Cord: 48"
Color: Black

Controllers (Required)



LED-CHASE-CTR

25-Key Multi Function (Chasing)
3-5/8" L x 2-1/8" W x 3/16" H
Male Output Cord: 7"
Color: White
Mounting: Screw

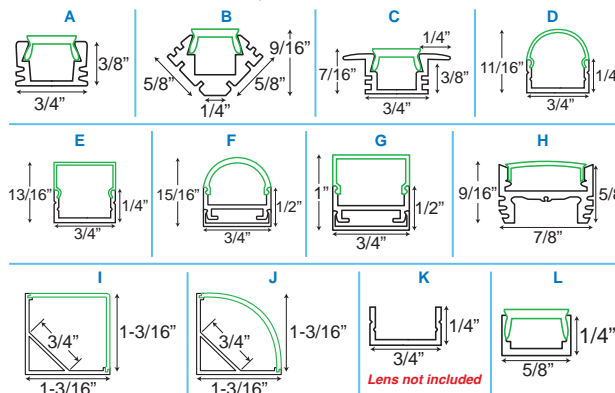
LED Ribbon Mounting Channels

Material: Base- Aluminum, Lens- Plastic

PRODUCT FEATURES:

- Install LED Ribbon with ease!
- These new channels can be incorporated into a variety of applications

| PART # | OVERALL HEIGHT | LENGTH |
|--------------|----------------|---------|
| A L-TASK-1F | 3/8" | 4 ft. |
| B L-TASK-2F | 9/16" | 4 ft. |
| C L-TASK-3F | 7/16" | 4 ft. |
| D L-TASK-4D | 11/16" | 8 ft. |
| E L-TASK-4S | 13/16" | 8 ft. |
| F L-TASK-4SD | 15/16" | 8 ft. |
| G L-TASK-4SS | 1" | 8 ft. |
| H L-TASK-6F | 9/16" | 8 ft. |
| I L-TASK-7S | 1-3/16" | 8 ft. |
| J L-TASK-7D | 1-3/16" | 8 ft. |
| K L-TASK-4 | 1/4" | 8 ft. |
| L L-TASK-12F | 1/4" | 6.5 ft. |



For More Information, See Pages 670-671, 673

LED LIGHTING

24 V
Linear



SPECIAL EFFECTS: RGB RIBBON FLEX WITH DEDICATED COOL OR WARM WHITE OPTION



From Functional to Festive with a Press of a Button



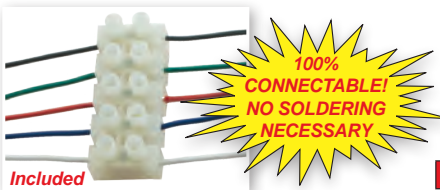
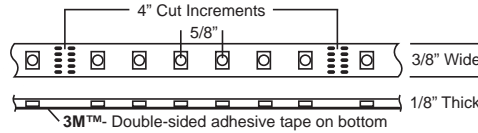
3M™ PEEL & STICK ADHESIVE

PRODUCT FEATURES:

- All the functions regular RGB with the added benefit of an actual Cool White (6500K) or Warm White (3500K)
- Can be programmed to morph or strobe

Lighting Specification

| | |
|------------------|--------------------------------|
| Beam Spread | 120° |
| Lumens | R (16.5'): 350 |
| | G (16.5'): 550 |
| | B (16.5'): 150 |
| | Cool White (16.5'): 1479 |
| | Warm White (16.5'): 1372 |
| Constant Voltage | Average Rated For 50,000 Hours |



Included

7 Solid Colors



| PART # | COLOR TEMP | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|-----------------|------------|--------|----------------------------------------------|---------------|-------------------|
| LED-RGBCW-24V-4 | RGB/CW | 4' | CW: 37 PCS., RGB: 37 PCS., Total: 74 PCS. | 18W | 16.5' |
| LED-RGBWW-24V-4 | RGB/WW | 4' | WW: 37 PCS., RGB: 37 PCS., Total: 74 PCS. | 18W | 16.5' |
| LED-RGBCW-24V-8 | RGB/CW | 8' | CW: 75 PCS., RGB: 75 PCS., Total: 150 PCS. | 36W | 16.5' |
| LED-RGBWW-24V-8 | RGB/WW | 8' | WW: 75 PCS., RGB: 75 PCS., Total: 150 PCS. | 36W | 16.5' |
| LED-RGBCW-24V9 | RGB/CW | 16.5' | CW: 150 PCS., RGB: 150 PCS., Total: 300 PCS. | 72W | 16.5' |
| LED-RGBWW-24V9 | RGB/WW | 16.5' | WW: 150 PCS., RGB: 150 PCS., Total: 300 PCS. | 72W | 16.5' |

Power Supplies (Required)



LED-RGBW-TR-3A

5-3/16"L x 2-3/16"W x 1-1/4"H
3A / 24V / 84W
Input Cord: 72"
Output Cord: 72"
Color: Black

Controllers (Required)

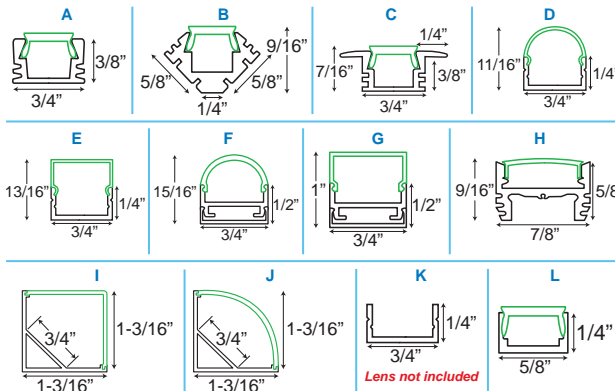


LED-RGBW-CR

Touch Ring
3-3/8"L x 1-3/4"W x 1"H
Color: White
Mounting: Self Stand

LED Ribbon Mounting Channels

Material: Base- Aluminum, Lens- Plastic



PRODUCT FEATURES:

- Install LED Ribbon with ease!
These new channels can be incorporated into a variety of applications

| PART # | OVERALL HEIGHT | LENGTH |
|--------------|----------------|---------|
| A L-TASK-1F | 3/8" | 4 ft. |
| B L-TASK-2F | 9/16" | 4 ft. |
| C L-TASK-3F | 7/16" | 4 ft. |
| D L-TASK-4D | 11/16" | 8 ft. |
| E L-TASK-4S | 13/16" | 8 ft. |
| F L-TASK-45D | 15/16" | 8 ft. |
| G L-TASK-45S | 1" | 8 ft. |
| H L-TASK-6F | 9/16" | 8 ft. |
| I L-TASK-7S | 1-3/16" | 8 ft. |
| J L-TASK-7D | 1-3/16" | 8 ft. |
| K L-TASK-4 | 1/4" | 8 ft. |
| L L-TASK-12F | 1/4" | 6.5 ft. |

For More Information, See Pages 670-671, 673

LED LIGHTING

24 V
Linear



SPECIAL EFFECTS CHASING SOLID WHITE RIBBON FLEX



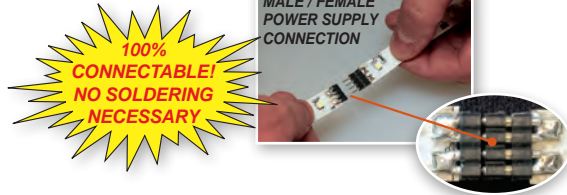
3M™
PEEL & STICK
ADHESIVE

PRODUCT FEATURES:

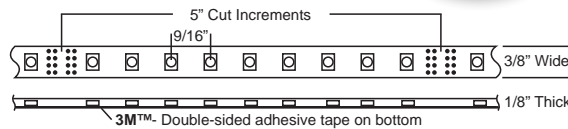
- Can be used static as a task or accent light or be made to chase for different effects

Lighting Specification

| Color Temperature | | Cool White: 6500K Warm White: 3000K |
|---------------------------------------------|--------------------------------------|----------------------------------------|
| Warm White 1500K 3000K 4500K 6000K 7500K | Pure White Cool White | |
| Beam Spread | 120° | |
| Lumens | Cool White: 2160 Warm White: 1800 | |
| Color Rendering Index | Cool White: 85 Warm White: 85 | |
| | Average Rated For 50,000 Hours | |



MALE / FEMALE
POWER SUPPLY
CONNECTION



| PART # | COLOR TEMP | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|------------------|------------|--------|----------------|---------------|-------------------|
| LED-CHASE-24V-CW | Cool White | 16.5' | 360 | 28.8W | 33' |
| LED-CHASE-24V-WW | Warm White | 16.5' | 360 | 28.8W | 33' |

Power Supplies (Required)



LED-CHASE-TR-3A

5-1/8" L x 2-1/2" W x 1-3/16" H
3A / 24V / 84W
Input Cord: 72"
Output Cord: 72"
Color: Black

Controllers (Required)



LED-CHASE-CR

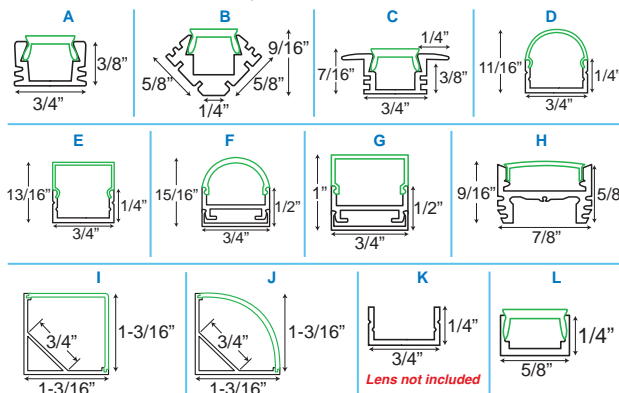
6-Key Multi Function (Chasing)
1-3/8" L x 1-3/8" W x 7/8" H
Male Output Cord: 5"
Color: White
Mounting: Screw

LED Ribbon Mounting Channels

Material: Base- Aluminum, Lens- Plastic

PRODUCT FEATURES:

- Install LED Ribbon with ease!
These new channels can be incorporated into a variety of applications



| PART # | OVERALL HEIGHT | LENGTH |
|--------------|----------------|---------|
| A L-TASK-1F | 3/8" | 4 ft. |
| B L-TASK-2F | 9/16" | 4 ft. |
| C L-TASK-3F | 7/16" | 4 ft. |
| D L-TASK-4D | 11/16" | 8 ft. |
| E L-TASK-4S | 13/16" | 8 ft. |
| F L-TASK-4SD | 15/16" | 8 ft. |
| G L-TASK-4SS | 1" | 8 ft. |
| H L-TASK-6F | 9/16" | 8 ft. |
| I L-TASK-7S | 1-3/16" | 8 ft. |
| J L-TASK-7D | 1-3/16" | 8 ft. |
| K L-TASK-4 | 1/4" | 8 ft. |
| L L-TASK-12F | 1/4" | 6.5 ft. |

For More Information, See Pages 670-671, 673

LED LIGHTING

24 V
Linear



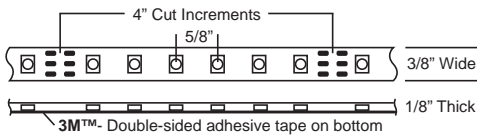
SPECIAL EFFECTS WHITE CHAMELEON RIBBON FLEX



3M™
PEEL & STICK
ADHESIVE

PRODUCT FEATURES:

- Able to change from warm white to cool white
- Color temps adjustable from 2800K-6500K
- Easily vary speed of change from slow morph to blinking



Lighting Specification

| | | |
|------------------------------|-----------------------------------------------------------------------|--------------------------------------|
| Color Temperature | Warm White: 1500K, Pure White: 3000K, Cool White: 4500K, 6000K, 7500K | Warm / Cool White: 2800K-6500K |
| Beam Spread | | 120° |
| Lumens | | Cool White: 5000 Warm White: 4500 |
| Color Rendering Index | | Cool White: 85 Warm White: 85 |
| Constant Voltage | | Average Rated For 50,000 Hours |



| PART # | COLOR TEMP | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX# CAN CONNECT |
|----------------|------------------|--------|----------------------------------------------|---------------|------------------|
| LED-ADJTEM-24V | Warm/ Cool White | 16.5' | CW: 150 PCS. WW: 150 PCS. Total: 300 PCS. | 72W | 16.5' |

Power Supplies (Required)



LED-ADJTEM-TR-3A

5-1/8"L x 2-1/2"W x 1-3/16"H
3A / 24V / 84W
Input Cord: 72"
Output Cord: 72"
Color: Black

Controllers (Required)

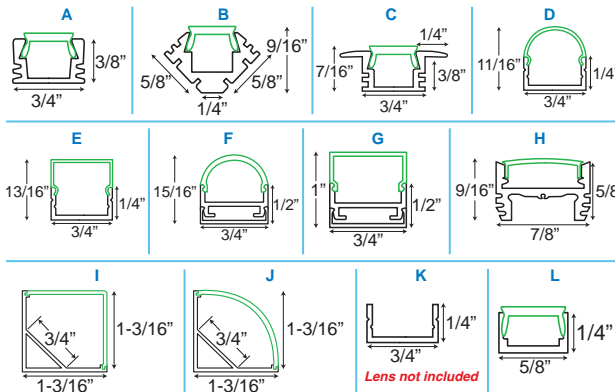


LED-ADJTEM-CR

Adjusting Wheel
3-1/8"L x 2"W x 5/8"H
Female Input Cord: 9"
Male Output Cord: 8-3/8"
Color: White

LED Ribbon Mounting Channels

Material: Base- Aluminum, Lens- Plastic



PRODUCT FEATURES:

- Install LED Ribbon with ease!
These new channels can be incorporated into a variety of applications

| PART # | OVERALL HEIGHT | LENGTH |
|--------------|----------------|---------|
| A L-TASK-1F | 3/8" | 4 ft. |
| B L-TASK-2F | 9/16" | 4 ft. |
| C L-TASK-3F | 7/16" | 4 ft. |
| D L-TASK-4D | 11/16" | 8 ft. |
| E L-TASK-4S | 13/16" | 8 ft. |
| F L-TASK-45D | 15/16" | 8 ft. |
| G L-TASK-45S | 1" | 8 ft. |
| H L-TASK-6F | 9/16" | 8 ft. |
| I L-TASK-7S | 1-3/16" | 8 ft. |
| J L-TASK-7D | 1-3/16" | 8 ft. |
| K L-TASK-4 | 1/4" | 8 ft. |
| L L-TASK-12F | 1/4" | 6.5 ft. |

For More Information, See Pages 670-671, 673

LED LIGHTING



New

OMNI SPOT VERTICAL

Adjustable • Rotates

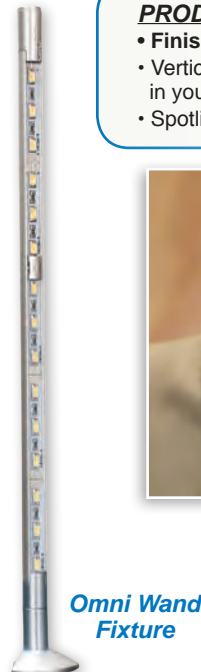
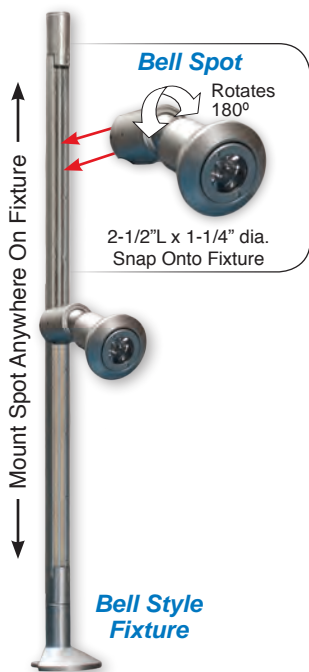
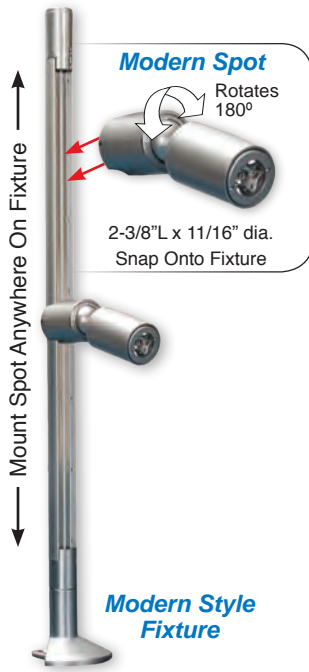
Spot Light Snaps Onto Fixture & Slides Up / Down
Custom Sizes Available

12 V
Display/Linear
Material: Aluminum
With Polycarbonate
Accessories



PRODUCT FEATURES:

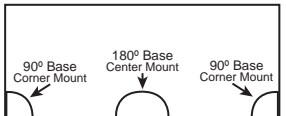
- **Finish:** Silver Anodized
- Vertically mounted spotlight fixture can be put anywhere in your showcase
- Spotlights can be positioned at any point on the fixture



Lighting Specification

| | | |
|------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color Temperature | | Cool White: 6500K |
| Warm White: 3000K | Pure White: 4500K | Warm White: 3100K |
| Beam Spreads | | Spot: 15° Wand: 120° |
| Lumens | | Spot (Cool White): 80 Spot (Warm White): 60 Wand 10" (Cool White): 450 Wand 10" (Warm White): 375 Wand 16" (Cool White): 720 Wand 16" (Warm White): 600 |
| Color Rendering Index | | Spot: 75° Wand: 80° |
| Constant Voltage | | Average Rated For 50,000 Hours |

Base Styles



| PART # | COLOR TEMP | KIT INCLUDES | SIZE | # OF LED CHIPS | TOTAL WATTAGE |
|-----------------------------|------------------|---------------------------------------|------------------------|----------------|---------------|
| MODERN STYLE FIXTURE | | | | | |
| LED-OS-V10-1*180 | | (1) Modern Spot Light & (1) 180° Base | 10" Height | 1 | 1W |
| LED-OS-V16-1*180 | Cool White (*CW) | (1) Modern Spot Light & (1) 180° Base | 16" Height | 1 | 1W |
| LED-OS-V10-1*90 | Warm White (*WW) | (1) Modern Spot Light & (1) 90° Base | 10" Height | 1 | 1W |
| LED-OS-V16-1*90 | | (1) Modern Spot Light & (1) 90° Base | 16" Height | 1 | 1W |
| BELL STYLE FIXTURE | | | | | |
| LED-OS-V10-2*180 | | (1) Bell Spot Light & (1) 180° Base | 10" Height | 1 | 1W |
| LED-OS-V16-2*180 | Cool White (*CW) | (1) Bell Spot Light & (1) 180° Base | 16" Height | 1 | 1W |
| LED-OS-V10-2*90 | Warm White (*WW) | (1) Bell Spot Light & (1) 90° Base | 10" Height | 1 | 1W |
| LED-OS-V16-2*90 | | (1) Bell Spot Light & (1) 90° Base | 16" Height | 1 | 1W |
| ADD A SPOT | | | | | |
| LED-OS-401* | Cool White (*CW) | (1) Modern Spot Light | 2-3/8" L x 11/16" Dia. | 1 | 1W |
| LED-OS-402* | Warm White (*WW) | (1) Bell Spot Light | 2-1/2" L x 1-1/4" Dia. | 1 | 1W |
| OMNI WAND FIXTURE | | | | | |
| LED-OS-V10-3*180 | | (1) Wand Light & (1) 180° Base | 10" Height | 1 | 7.5W |
| LED-OS-V16-3*180 | Cool White (*CW) | (1) Wand Light & (1) 180° Base | 16" Height | 1 | 12W |
| LED-OS-V10-3*90 | Warm White (*WW) | (1) Wand Light & (1) 90° Base | 10" Height | 1 | 7.5W |
| LED-OS-V16-3*90 | | (1) Wand Light & (1) 90° Base | 16" Height | 1 | 12W |

For Additional Accessories, See Page 675

LED LIGHTING

12 V
Linear
Material: Aluminum



RIGID RIBBON STRIPS

Fastest & Easiest Connection
In The Industry Today



Ribbon (12")

100% Usable Lighting System



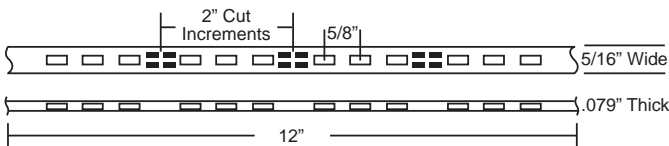
PRODUCT FEATURES:

- 5630 LED chip is super bright
- Ultra slim- Only .079" thick
- Connectable
- Dimmable
- Field Trimmable

Lighting Specification

| | |
|---------------------------------------------------|---------------------------------------------------|
| Color Temperature | |
| <p>Warm White: 1500K 3000K 4500K 6000K 7500K</p> | <p>Cool White: 6500K Warm White: 3100K</p> |
| Beam Spread | 120° |
| Lumens | <p>LED-PCB-12-CW: 1080 LED-PCB-12-WW: 900</p> |
| Color Rendering Index | <p>Cool White: 80 Warm White: 80</p> |
| <p>Average Rated For 50,000 Hours</p> | |

Now Create Customized Fixtures In Minutes



Choose Channel & Lens

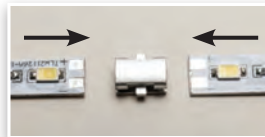


Install Rigid Ribbon Into Track & Enjoy



Connect Rigid Ribbon Using Our Patented Connector

100% Connectable! • No Soldering Necessary



| PART # | COLOR TEMP | DESCRIPTION | FINISH | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|---------------|--------------------------------------|-------------|--------|--------|----------------|---------------|-------------------|
| LED-PCB-ST-* | | Starter | White | 2" | 3 | 1.3W | N/A |
| LED-PCB-12-* | Cool White (*CW) Warm White (*WW) | Fixture | White | 12" | 18 | 9W | 8 |
| LED-PCB-CON-* | | Connector | White | 2 x 2" | 6 | 2 x 1.3W | N/A |

LED LIGHTING

12 V
Linear
Material: Aluminum



RIGID RIBBON STRIPS

Fastest & Easiest Connection
In The Industry Today



New

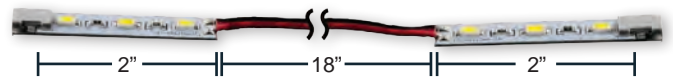
Starter (Required)

Allows connection to the power supply
2" Long rigid ribbon starter strip with 3 LED Chips & 12" power link cable
Product shown with Connector LED-PCB-CLIP, Sold Separately



Connecting Cable (Optional)

Allows connection from shelf to shelf without the use of a separate power supply
2" Long rigid ribbon double ended starter strip with 18" power linking cable
Product shown with Connector LED-PCB-CLIP, Sold Separately



Power Supplies (Required)

LED-PCB-1A

3" L x 1-1/2" W x 2" H
1A / 12V / 12W
Output Cord: 60"
Color: Black



LED-PCB-3A

3-13/16" L x 1-1/4" W x 1-1/2" H
1A / 24V / 24W
Output Cord: 72"
Color: Black

Connectors (Required)

LED-PCB-CLIP



Adhesive Tape (Optional)

OUT-3/8X216

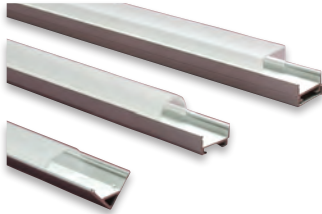
Thickness: 1/32"
Width: 3/8"
Roll Size: 216 Ft.



Installation Guide

Step 1:

Choose Your Channel & Measure Length



Step 2:

Lay In Tape



Step 3:

Measure & Cut Rigid Ribbon Where Marked



Step 4:

Lay Light In Channel



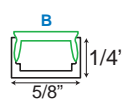
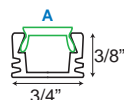
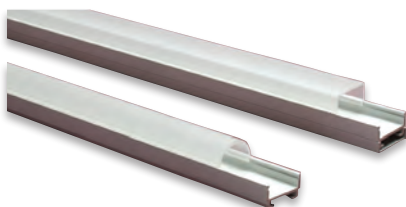
Step 5:

Apply Lens & Enjoy



LED Ribbon Mounting Channels

Material: Clear anodized aluminum base with plastic frosted white lens



PRODUCT FEATURES:

- Install LED Rigid Ribbon Strip with ease!
These new channels can be incorporated into a variety of applications

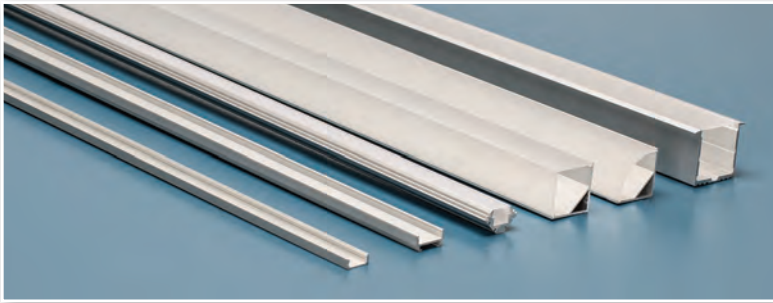
For More Information, See Pages 670-671, 673

| | PART # | OVERALL HEIGHT | LENGTH |
|---|------------|----------------|---------|
| A | L-TASK-1F | 3/8" | 4 ft. |
| B | L-TASK-12F | 1/4" | 6.5 ft. |

Material: Aluminum
With Plastic Frosted
White Lens

LED CHANNELS Create Your Own Light Fixture

New



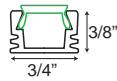
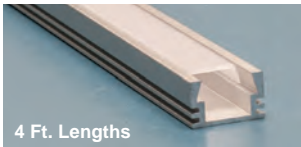
PRODUCT FEATURES:

- LED vision system with channel & diffuser provides an even glow with no hotspots
- LED task system allows for the look of a fixture
- Tremendous design opportunities for custom sizes
- Options available to work with all of our ribbons

For Single Ribbon Flex & Rigid Ribbon

Works With: LED Rigid Ribbon (Pages 668-669), Premium Single Ribbon Flex (Pages 648-649), Single RGB Ribbon Flex (Pages 650-651), Standard 12V Single Ribbon (Pages 658-659) & All Special Effects Ribbon (Pages 663-666)

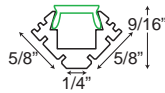
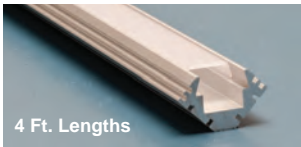
Task 1



Channel With Lens
L-TASK-1F
Aluminum End Caps
L-TASK-1-END
Stainless Steel Mounting Clips
L-TASK-1-CLIP



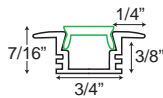
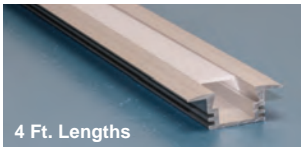
Task 2



Channel With Lens
L-TASK-2F
Aluminum End Caps
L-TASK-2-END
Stainless Steel Mounting Clips
L-TASK-2-CLIP



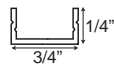
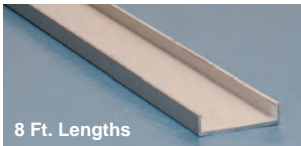
Task 3



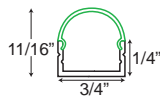
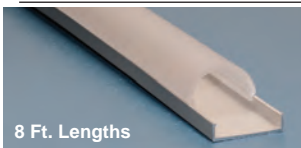
Channel With Lens
L-TASK-3F
Aluminum End Caps
L-TASK-3-END
Stainless Steel Mounting Clips
L-TASK-3-CLIP



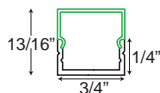
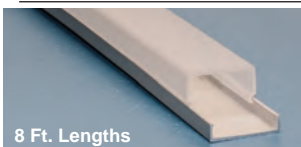
Task 4



Channel Without Lens: **L-TASK-4**



Channel With Lens: **L-TASK-4D**



Channel With Lens: **L-TASK-4S**

Note: If your using our premium ribbon with our 100% usable connector, must trim edge of connector to fit fixture.

Material: Aluminum
With Plastic Frosted
White Lens

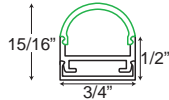
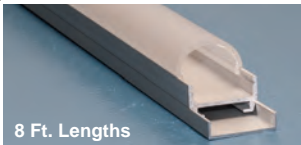
LED CHANNELS Create Your Own Light Fixture

New

For Single Ribbon Flex & Rigid Ribbon

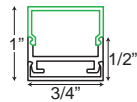
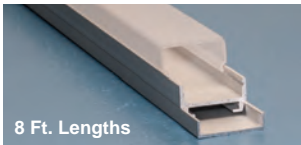
Works With: LED Rigid Ribbon (Pages 668-669), Premium Single Ribbon Flex (Pages 648-649),
Single RGB Ribbon Flex (Pages 650-651), Standard 12V Single Ribbon (Pages 658-659) & All Special Effects Ribbon (Pages 663-666)

Task 45



Channel With Lens
L-TASK-45D
ABS End Caps
L-TASK-45D-END

Snap & Lock Construction

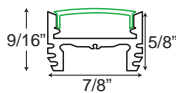
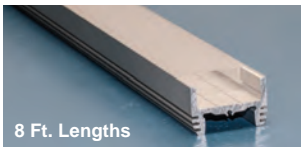


Channel With Lens
L-TASK-45S
ABS End Caps
L-TASK-45S-END

Snap & Lock Construction



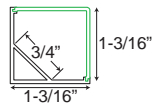
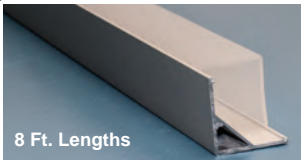
Task 6



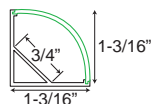
Channel With Lens
L-TASK-6F
ABS End Caps
L-TASK-6-END
ABS Mounting Clips
L-TASK-6-CLIP



Task 7



Channel With Lens
L-TASK-7S
ABS End Caps
L-TASK-7S-END



Channel With Lens
L-TASK-7D
ABS End Caps
L-TASK-7D-END

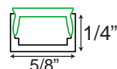


Task 11



Channel Without Lens: L-TASK-11

Task 12



Channel With Lens
L-TASK-12F
Polycarbonate End Caps
L-TASK-12-END
Stainless Steel Mounting Clips
L-TASK-12-CLIP



Note: If your using our premium ribbon with our 100% usable connector, must trim edge of connector to fit fixture.

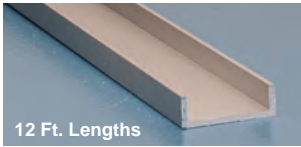
Material: Aluminum
With Plastic Frosted
White Lens

New

LED CHANNELS Create Your Own Light Fixture For Double Ribbon Flex

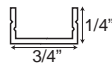
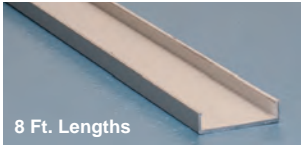
Works With: Premium Double Ribbon Flex (Pages 652-653)

Task 9

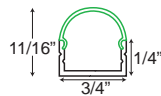
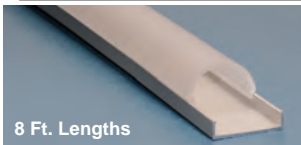


Channel Without Lens: **L-TASK-9**

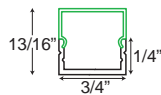
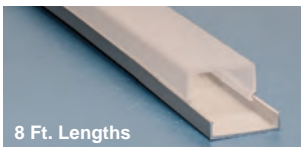
Task 4



Channel Without Lens: **L-TASK-4**

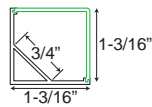
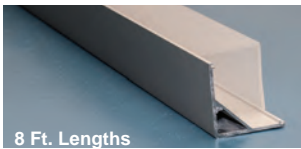


Channel With Lens: **L-TASK-4D**

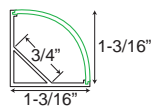
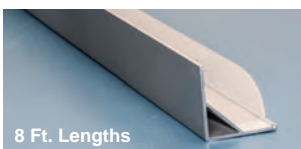


Channel With Lens: **L-TASK-4S**

Task 7



Channel With Lens
L-TASK-7S
ABS End Caps
L-TASK-7S-END



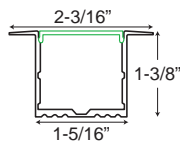
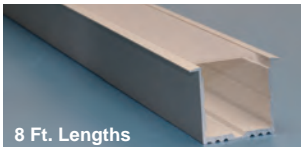
Channel With Lens
L-TASK-7D
ABS End Caps
L-TASK-7D-END



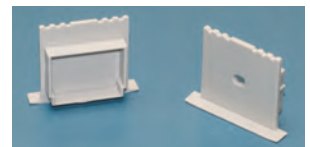
For Triple Ribbon Flex

Works With: Premium Triple Ribbon Flex (Pages 654-655)

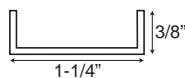
Task 8



Channel With Lens
L-TASK-8F
ABS End Caps
L-TASK-8-END



Task 13



Channel Without Lens: **L-TASK-13**

Note: If your using our premium ribbon with our 100% usable connector, must trim edge of connector to fit fixture.

Material: Aluminum
With Plastic Frosted
White Lens

New

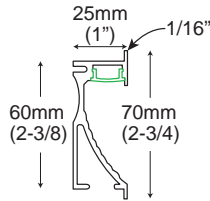
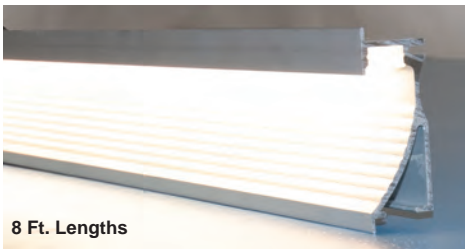
LED CHANNELS Create Your Own Light Fixture

TASK VISION SERIES

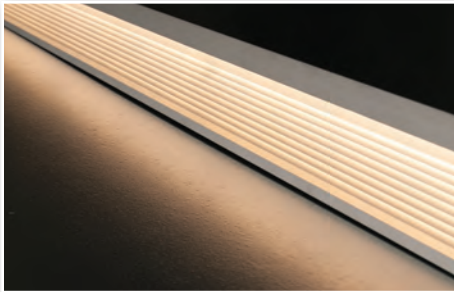
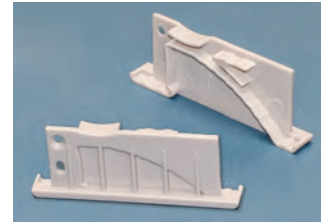
Our Vision Series enables designers to readily create colorful RGB wallscapes or high luminescence task lights. Manufactured of anodized aluminum which is offered in both recessed (Vision 11) and surface mounted (Vision 12) formats. Vision is designed to accommodate any 3/8" wide ribbon.

Works With: LED Rigid Ribbon (Pages 668-669), Premium Single Ribbon Flex (Pages 648-649), Single RGB Ribbon Flex (Pages 650-651), Standard 12V Single Ribbon (Pages 658-659) & All Special Effects Ribbon (Pages 663-666)

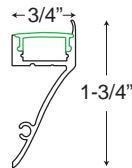
Vision 11



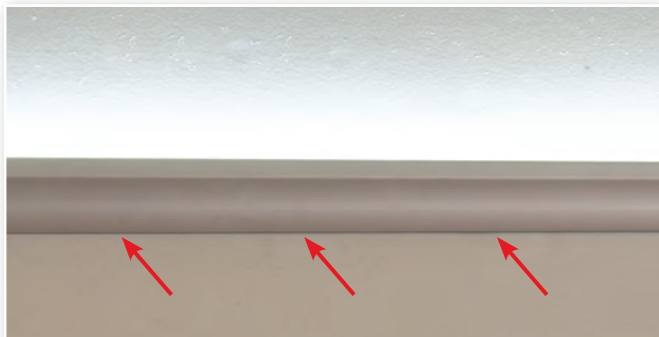
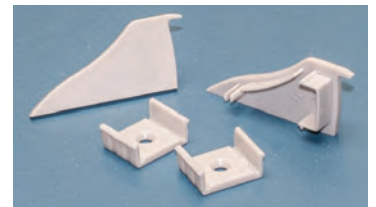
Channel With Lens
L-VISION-11F:
ABS End Caps
L-VISION-11-END



Vision 12



Channel With Lens
L-VISION-12F
ABS End Caps
L-VISION-12-END
ABS Mounting Clips
L-VISION-12-MT



Note: If your using our premium ribbon with our 100% usable connector, must trim edge of connector to fit fixture.

LED LIGHTING

12 V

Linear

Material: Aluminum
With Polycarbonate
Accessories



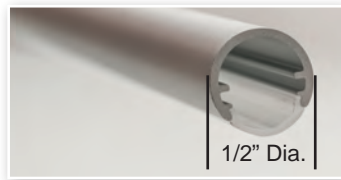
OMNI WAND T2

Thinnest • Brightest

"Packs A Bright Punch In A Small Profile"



New



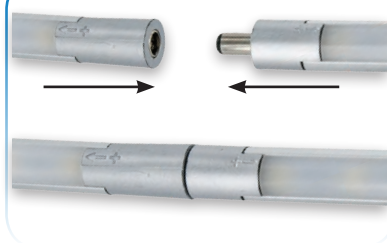
PRODUCT FEATURES:

- Super slim design is easy to hide
- Connectable
- Super bright
- Fixture can be rotated even when installed

Lighting Specification

| | | |
|---------------------------------|-----------------------------------------|----------------------------------------|
| Color Temperature | | Cool White: 6500K Warm White: 3100K |
| Warm White 1500K 3000K 4500K | Pure White 6000K 7500K Cool White | |
| Beam Spreads | | 120° |
| Lumens | | Cool White: 540 Warm White: 450 |
| Color Rendering Index | | Cool White: 80 Warm White: 80 |
| Constant Voltage | | Average Rated For 50,000 Hours |

Direct Connection



| PART # | COLOR TEMP | FINISH | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|---------------|------------|-----------------|---------------|----------------|---------------|-------------------|
| LED-OS-116-CW | Cool White | Silver Anodized | 12" (Nominal) | 18 | 9W | 8 |
| LED-OS-116-WW | Warm White | Silver Anodized | 12" (Nominal) | 18 | 9W | 8 |

Mounting Clips (Required)

LED-OS-676

Size: 1/2"
Material: Polycarbonate



Connecting Cable (Optional)

LED-OS-222

Length: 6"
Color: Black With
Silver Anodized Fittings



U-Connector (Optional)

Function: Allows lamps to run parallel doubling illumination

LED-OS-666

1/8" L x 1-1/2" W x 1/2" ID
Outputs: 1 Input / 1 Output
Color: Silver Anodized



End Caps (Optional)

Male End Cap

LED-OS-664

Size: 1/2" Diameter
Material: Polycarbonate



Female End Cap

LED-OS-663

Size: 1/2" Diameter
Material: Polycarbonate



**For Additional
Accessories,
See Page 675**

LED LIGHTING

12 V

Linear

Material: Aluminum
With Polycarbonate
Accessories



OMNI SYSTEMS



New

Power Supplies (Required)

LED-OS12V-1A

4" L x 1-1/2" W x 2" H
1A / 12V / 12W
Input Cord: 60"
Color: Black



LED-OS12V-3A

3-3/4" L x 1-3/4" W x 1-1/2" H
3A / 12V / 36W
Input Cord: 72"
Color: Black



Switches (Optional)

LED-OS-SWITCH-1A



Function: 1A On/Off
1" W x 3/4" H x 2-1/4" L
Female Input Cord: 12"
Male Output Cord: 12"

LED-OS-SWITCH-3A



Function: 3A On/Off
1" W x 3/4" H x 2-1/4" L
Female Input Cord: 12"
Male Output Cord: 12"

Dimmer (Optional)

Inline Rotary

LED-OS-INLINE.



1-3/8" W x 1" H x 2-5/8" L
Female Input Cord: 24"
Male Output Cord: 24"
Range of Dimming: 0-100%
Mounting: Adhesive

Door Sensor (Optional)



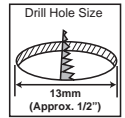
Surface
Mount

LED-OS-607B

2-1/2" L x 1" W x 11/16" H
Female Input Cord: 18"
Male Output Cord: 18"
Color: Silver



Recessed
Mount



Customize Your Own Omni Wand No Seams • Create One Continuous Fixture

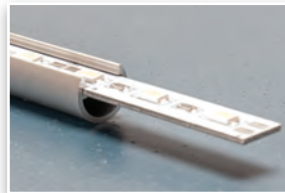
Step 1:

Order Extrusion:
4 Ft. or 8 Ft. Available



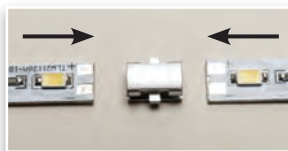
Step 2:

Order Rigid Ribbon:
12" Lengths
Trimable Every 2"



Step 3:

Use Our Solderless
Connecting Clip To Connect
Multiple Rigid Ribbons



Step 4:

Choose Power Supply
Plug In & Enjoy



LED LIGHTING

SUNRAY T5 FIXTURE



24 V
Linear
Material: Aluminum
w/Polycarbonate Lens



Available in 5 Lengths- 1 Ft., 2 Ft, 3 Ft., 4 Ft. & 5 Ft.



PRODUCT FEATURES:

- Connectable
- Low profile - easy to hide
- Available in 5 different sizes
- 5/8" diameter
- It is the only LED product on the market today where you may really need a dimmer



Lighting Specification

| | | |
|------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color Temperature | | Cool White: 4100K Warm White: 3000K-3500K |
| Warm White 1500K 3000K | Pure White 4500K 6000K | |
| Beam Spread | | 160° |
| Lumens | | LED-T512-CW: 190 LED-T512-WW: 170 LED-T524-CW: 400 LED-T524-WW: 340 LED-T536-CW: 600 LED-T536-WW: 550 LED-T548-CW: 850 LED-T548-WW: 750 LED-T560-CW: 1100 LED-T560-WW: 970 |
| Color Rendering Index | | Cool White: 75 Warm White: 80 |
| Constant Voltage | | Average Rated For 50,000 Hours |

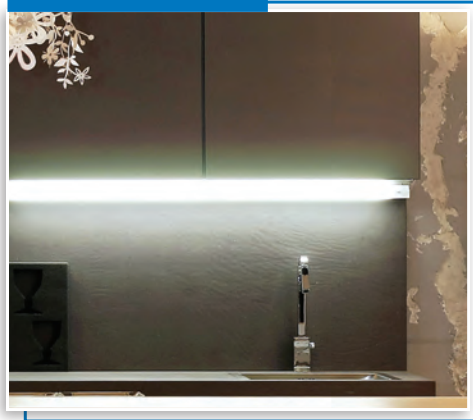
Freezer / Refrigerator Lighting



Light Box Lighting



Cabinet Lighting



Showcase Lighting

Shelf Lighting



MAGNETIC CLIP

ALLOWS FOR QUICK AND SECURE INSTALLATION OF LIGHT

| PART # | *COLOR TEMP | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|-------------|------------------|--------|----------------|---------------|-------------------|
| LED-T512-* | *CW = | 13" | 60 | 5.5 | Up to 14' |
| LED-T524-* | Cool White or | 23.23" | 120 | 10 | Up to 14' |
| LED-T536-* | | 35.03" | 192 | 16 | Up to 14' |
| LED-T548-*S | *WW = | 45" | 264 | 20 | Up to 14' |
| LED-T560-* | Warm White | 58.66" | 336 | 25 | Up to 14' |

■ Please Note: LED-T548-*S is specially designed to fit underneath 4' metal shelving from Lozier, Madix, or Streater.

LED LIGHTING

24 V

Linear

Material: Aluminum
w/Polycarbonate Lens



SUNRAY T5 FIXTURE

Available in 5 Lengths- 1 Ft., 2 Ft, 3 Ft., 4 Ft. & 5 Ft.



INCLUDED WITH EACH FIXTURE!

A VARIETY OF MOUNTING HARDWARE OPTIONS W/SCREWS

OPTION A

Wood Shelf Clip



1 Pair/Non-Handed
Horizontal

OPTION B

Wood Shelf Clip



1 Pair/Non-Handed
Vertical/Horizontal

**SUPER
STRONG**

OPTION C

Glass Shelf Clip



Magnetic Clip Connects to Metal (Optional)



- Material: Stamped Steel
 - 1/2" Diameter Base
 - 22 lbs. Pull Magnet
- LED-T5-MAGCON**

Power Supplies (Required)

LED-T5-TR-1A



3"L x 1-1/2"W x 2"H
1A / 24V / 24W
Input Cord: 72"
Output Cord: 72"
Color: Black

LED-T5-TR-3A



4-3/16"L x 2-3/16"W x 1-1/2"H
3A / 24V / 84W
Input Cord: 72"
Output Cord: 72"
Color: Black

Switches (Optional)

LED-SWITCH-1A

Color: Black
LED-SWITCH-1A-WH
Color: White



Function: 1A On/Off
1"W x 3/4"H x 2-1/4"L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

LED-SWITCH-3A

Color: Black
LED-SWITCH-3A-WH
Color: White



Function: 3A On/Off
1"W x 3/4"H x 2-1/4"L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

Dimmer (Optional)

Rotary Dimmer LED-T5-DIM



2-1/4"L x 3-1/2"W x 1-1/2"D
Female Input Cord: 2'
Male Output Cord: 2'
Range of Dimming: 0-100%
Color: Off White
Mounting: Screw

Inline Rotary Universal Dimmer

LED-INLINE-DIM
Color: Black
LED-INLINE-DIM-WH
Color: White



1-3/8"W x 1"H x 2-5/8"L
Female Input Cord: 24"
Male Output Cord: 24"
Range of Dimming: 0-100%
Mounting: Adhesive

Infra-Red Dimmer With Remote LED-T5-IR-DIM



3-3/8"W x 3-3/8"L x 1-3/8"H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 0-100%
Color: White
Mounting: Screw

Touch Dimmer LED-T5-TCH-DIM



3-3/8"W x 3-3/8"L x 1-3/8"H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 10-100%
Color: Black
Mounting: Recessed

Multi Output Cables / Ports (Optional)

Function: Is to join multiple fixtures to one power supply.
The spider and sweep come with a power link cable.

Spider Cable

Best Used For Stairs

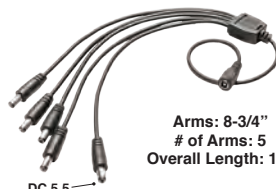
LED-T5SPI-BK
Color: Black
LED-T5SPI-WH
Color: White



of Arms: 4
Overall Length: 96"

Sweep Cable

Best Used For Show Cases & Cabinets



Arms: 8-3/4"
of Arms: 5
Overall Length: 19"

LED-T5-5OUT-BK
Color: Black
LED-T5-5OUT-WH
Color: White

Connecting Cables (Optional)

Function: Is to allow the designer to get around unlit areas without multiple power supplies



| PART # | LENGTH | COLOR |
|------------------------|--------|-------|
| LED-T5-CC-12 | 12" | Black |
| LED-T5-CC-24 | 24" | Black |
| LED-T5-CC-48 | 48" | Black |
| LED-T5-CC-12-WH | 12" | White |
| LED-T5-CC-24-WH | 24" | White |
| LED-T5-CC-48-WH | 48" | White |

LED LIGHTING

24 V

Linear

Material: Aluminum
With Frosted PVC Lens



"ZIP STRIP" LED STRIP LIGHT



Starter With Touch Dimmer Function

The touch function lights come equipped with built in on/off switch that doubles as a low, medium and high 3-stage touch dimmer

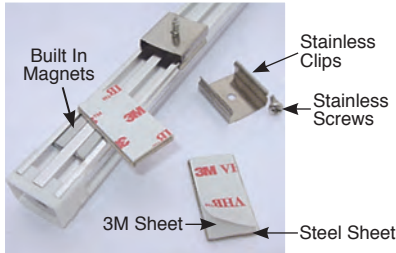


Single Without Touch Function

The single lights can be connected to the touch function strip or used individually



Mounting Options (Included)



Touch Dimmer Function



Special Feature

When leading with the dimmer fixture all following connection lamps will be controlled by the dimmer fixture i.e., put starter fixture to low all other fixture will be low

PRODUCT FEATURES:

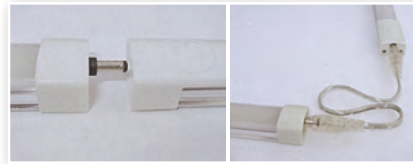
- Very low profile easy to hide
- Fully connectable
- Built in magnets & mounting clips included

Lighting Specification

| Color Temperature | |
|---------------------------------|--------------------------------------------------------------------------------------------------|
| Warm White 1500K 3000K 4500K | Pure White: 4500K Warm White: 3000K |
| Pure White 4500K 6000K 7500K | |
| Cool White | |
| Beam Spread | 120° |
| Lumens | Pure White (12"): 330 Warm White (12"): 315 Pure White (24"): 650 Warm White (24"): 620 |
| Color Rendering Index | Pure White: 85 Warm White: 85 |
| Constant Voltage | Average Rated For 30,000 Hours |



Interconnection



| PART # | COLOR TEMP | FINISH | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|----------------|------------|-----------------|--------|----------------|---------------|-------------------|
| LED-SZIP-12-PW | Pure White | White (Starter) | 12" | 60 | 4.5W | 8 |
| LED-SZIP-12-WW | Warm White | White (Starter) | 12" | 60 | 4.5W | 8 |
| LED-ZIP-12-PW | Pure White | White (Single) | 12" | 60 | 4.5W | 8 |
| LED-ZIP-12-WW | Warm White | White (Single) | 12" | 60 | 4.5W | 8 |
| LED-SZIP-24-PW | Pure White | White (Starter) | 24" | 120 | 9W | 4 |
| LED-SZIP-24-WW | Warm White | White (Starter) | 24" | 120 | 9W | 4 |
| LED-ZIP-24-PW | Pure White | White (Single) | 24" | 120 | 9W | 4 |
| LED-ZIP-24-WW | Warm White | White (Single) | 24" | 120 | 9W | 4 |

Starter on/off button also doubles as touch dimmer

Power Supplies (Required)

LED-ZIP-TR-18W

3"L x 1-1/2"W x 2"H
.75A / 24V / 18W
Output Cord: 72"
Color: White



LED-ZIP-TR-36W

5-3/16"L x 2-3/16"W x 1-1/4"H
1.5A / 24V / 36W
Input Cord: 36"
Output Cord: 36"
Color: White



Connecting Cable (Optional)

Function: Is to allow the designer to get around unlit areas without multiple power supplies



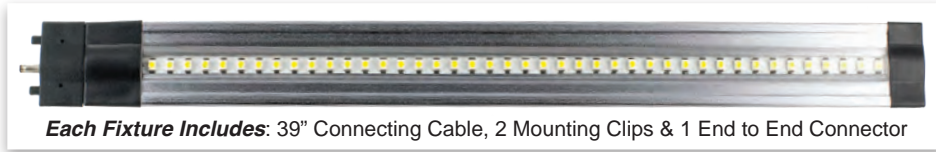
| PART # | LENGTH |
|---------------|--------|
| LED-ZIP-CC-06 | 6" |
| LED-ZIP-CC-24 | 24" |
| LED-ZIP-CC-36 | 36" |

LED LIGHTING

24 V
Linear
Material: Aluminum
With Clear PVC Lens

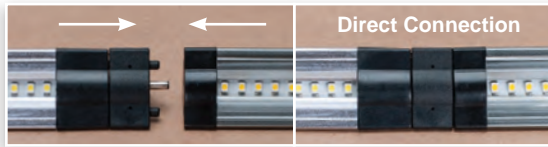


TRI-GLOW LED STRIP



PRODUCT FEATURES:

- Finish: High quality satin nickel finish
- Can be used vertical & horizontal
- Ideal for application where corner mounting is required
- Easy to connect
- Excellent for freezer



Lighting Specification

| Color Temperature | |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Warm White 1500K 3000K 4500K 6000K 7500K | Pure White: 4100K Warm White: 3200K |
| Beam Spread | 90° |
| Lumens | LED-AGL-12-PW: 290 LED-AGL-20-PW: 490 LED-AGL-40-PW: 980 LED-AGL-12-WW: 275 LED-AGL-20-WW: 465 LED-AGL-40-WW: 931 |
| Color Rendering Index | Pure White: 75 Warm White: 75 |
| Constant Voltage | Average Rated For 50,000 Hours |

| PART # | COLOR TEMP | FINISH | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|---------------|------------|--------------|--------|----------------|---------------|-------------------|
| LED-AGL-12-PW | Pure White | Satin Nickel | 12" | 42 | 3W | 26 |
| LED-AGL-20-PW | Pure White | Satin Nickel | 20" | 72 | 5W | 15 |
| LED-AGL-40-PW | Pure White | Satin Nickel | 40" | 144 | 11W | 7 |
| LED-AGL-12-WW | Warm White | Satin Nickel | 12" | 42 | 3W | 26 |
| LED-AGL-20-WW | Warm White | Satin Nickel | 20" | 72 | 5W | 15 |
| LED-AGL-40-WW | Warm White | Satin Nickel | 40" | 144 | 11W | 7 |

Power Supplies (Required)

LED-AGL-TR-36W

3-3/4"L x 1-3/4"W x 1"H
1A / 24V / 36W
Input Cord: 60"
Output Cord: 60"
Color: Black



LED-AGL-TR-45W

3-3/4"L x 1-3/4"W x 1"H
3A / 24V / 45W
Input Cord: 60"
Output Cord: 60"
Color: Black

Dimmer (Optional)

LED-AGL-DIM

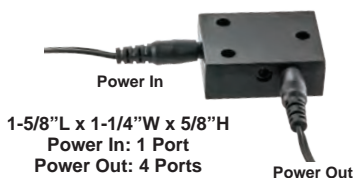


3-3/4"L x 1-1/8"W x 3/8"H
Male Output Cord: 36"
Range of Dimming: 0-100%
Color: Black
Mounting: Screw

Junction Box (Optional)

Function: Is to join multiple fixtures to one power supply.

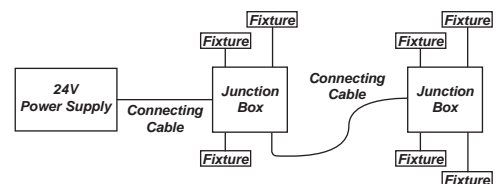
LED-AGL-JB



Connecting Cable (Optional)

Function: Is to allow the designer to get around unlit areas without multiple power supplies

LED-AGL-CC



LED LIGHTING

GEN NEXT LED THIN LIGHTS

12 V
Linear
Material:
Polycarbonate



16" LENGTH SHOWN

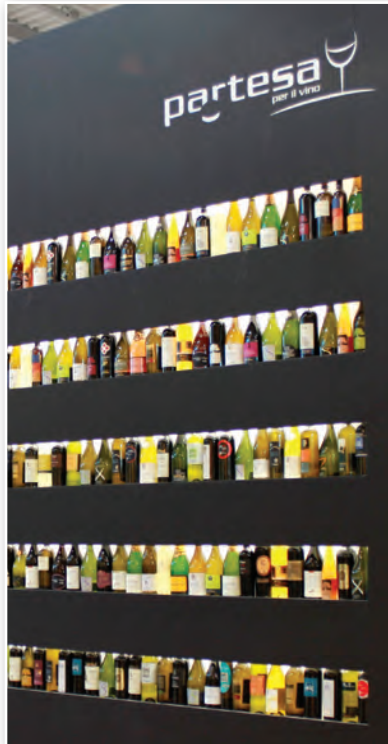


PRODUCT FEATURES:

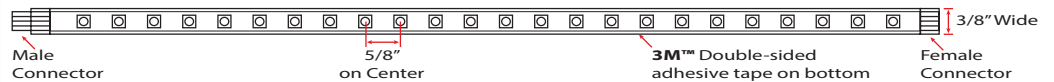
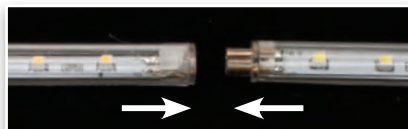
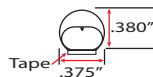
- New improved design & connection
- Easy to hide ultra compact
- High lumen output

Lighting Specification

| Color Temperature | |
|----------------------------------------|------------------------------------------------------------------|
| Warm White | Pure White |
| 1500K 3000K 4500K | 6000K 7500K |
| Pure White: 4500K Warm White: 3200K | |
| Beam Spreads | 120° |
| Lumens | LED-SLSHX-8-": 100 LED-SLSHX-12-": 160 LED-SLSHX-16-": 210 |
| Color Rendering Index | Pure White: 80 Warm White: 80 |
| | |
| Average Rated For 30,000 Hours | |



Dimmable!



| PART # | COLOR TEMP | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|-----------------|------------|--------|----------------|---------------|-------------------|
| LED-SLSHX-8-PW | Pure White | 8" | 12 | 2.2W | 25 pcs. (17') |
| LED-SLSHX-8-WW | Warm White | 8" | 12 | 2.2W | 25 pcs. (17') |
| LED-SLSHX-12-PW | Pure White | 12" | 15 | 2.9W | 19 pcs. (19') |
| LED-SLSHX-12-WW | Warm White | 12" | 15 | 2.9W | 19 pcs. (19') |
| LED-SLSHX-16-PW | Pure White | 16" | 24 | 3.7W | 15 pcs. (20') |
| LED-SLSHX-16-WW | Warm White | 16" | 24 | 3.7W | 15 pcs. (20') |

LED LIGHTING

GEN NEXT LED THIN LIGHTS

12 V
Linear
Material:
Polycarbonate



New



Power Supplies (Required)

LED-SLSHX-TR



Constant Voltage
2-3/4" L x 2-1/4" W x 1-1/8" H
1A / 12V / 12W
Output Cord: 72"
Color: Black

LED-SLSHX-TR-3A



Constant Voltage
3-13/16" L x 1-1/2" W x 1-3/4" H
3A / 12V / 36W
Output Cord: 72"
Color: Black



LED-SLSHX-TR-5A



Constant Voltage
5-1/4" L x 2-1/4" W x 1-3/16" H
5A / 12V / 60W
Input Cord: 72"
Output Cord: 60"
Color: Black

Dimmers (Optional)

Remote Control Dimmer LED-SLSHX-DIM-RC



2-1/4" W x 1-1/4" H x 4-1/2" L
Female Input Cord: 24"
Male Output Cord: 24"
Range of Dimming: 0-100%
Color: Black
Mounting: Screw

Inline Rotary Universal Dimmer

LED-INLINE-DIM
Color: Black
LED-INLINE-DIM-WH
Color: White



1-3/8" W x 1" H x 2-5/8" L
Female Input Cord: 24"
Male Output Cord: 24"
Range of Dimming: 0-100%
Mounting: Adhesive

Infa-Red Dimmer With Remote LED-SLSHX-IR-DIM



3-3/8" W x 3-3/8" L x 1-3/8" H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 0-100%
Color: White
Mounting: Screw

Touch Dimmer LED-SLSHX-TCH-DIM



3-3/8" W x 3-3/8" L x 1-3/8" H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 10-100%
Color: Black
Mounting: Recessed

Switches (Optional)

LED-SWITCH-1A Color: Black LED-SWITCH-1A-WH Color: White



Function: 1A On/Off
1" W x 3/4" H x 2-1/4" L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

LED-SWITCH-3A Color: Black LED-SWITCH-3A-WH Color: White

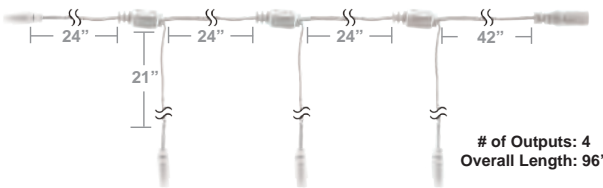


Function: 3A On/Off
1" W x 3/4" H x 2-1/4" L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

Multi Output Cables/Ports (Optional)

Function: Is to join multiple fixtures to one power supply. The spider and sweep come with a power link cable.

Spider Cable Best Used For Stairs



LED-SLSHX-SPI-WH
Color: White

Sweep Cable Best Used For Show Cases & Cabinets

Best Used For Show Cases & Cabinets



LED-SLSHX-5OUT-WH
Color: White

Connecting Cables (Optional)

Function: Is to allow the designer to get around unlit areas without multiple power supplies



Color: White
12" Length **LED-SLSHX-12C-WH**
24" Length **LED-SLSHX-24C-WH**

36" Length
LED-SLSHX-36C-WH

LED LIGHTING

"BAR OF LIGHT"

24 V
Linear
Material: Aluminum
w/Polycarbonate Lens



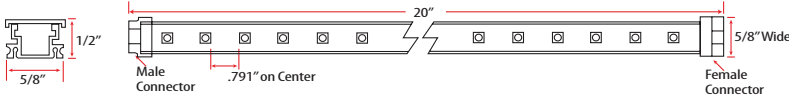
PRODUCT FEATURES:

- Connectable
- Slim, easy to hide



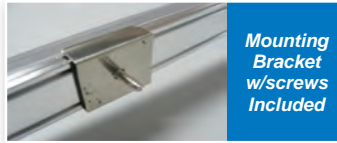
Direct interconnection

Dimmable!
With Our LED-BL20 Dimmer.



Lighting Specification

| Color Temperature | |
|---------------------------------------------|------------------------------------------------------------|
| Warm White 1500K 3000K 4500K 6000K 7500K | Cool White Cool White: 6500K Warm White: 3000K-3500K |
| Beam Spread | |
| 120° | |
| Lumens | |
| Cool White: 360 Warm White: 317 | |
| Color Rendering Index | |
| Cool White: 75 Warm White: 80 | |
| | |
| Average Rated For 50,000 Hours | |



Mounting Bracket w/screws Included



| PART # | COLOR TEMP | FINISH | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|-------------|------------|-------------------|--------|----------------|---------------|-------------------|
| LED-BL20-CW | Cool White | Anodized Aluminum | 20" | 24 per fixture | 5.76 | Up To 22' |
| LED-BL20-WW | Warm White | Anodized Aluminum | 20" | 24 per fixture | 5.76 | Up To 22' |

Power Supplies (Required)



LED-BL20-TR-1A

- Can link up to 4 pcs. of Bar of Light on 1 power cord



3"L x 1-1/2"W x 2"H
1A / 24V / 24W
Output Cord: 72"
Color: Black



LED-BL20-TR-3A

- Can link up to 14 pcs. of Bar of Light on 1 power cord



5-3/16"L x 2-3/16"W x 1-1/4"H
3A / 24V / 84W
Input Cord: 72"
Output Cord: 72"
Color: Black

Switches (Optional)

LED-SWITCH-1A
Color: Black
LED-SWITCH-1A-WH
Color: White



Function: 1A On/Off
1"W x 3/4"H x 2-1/4"L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

LED-SWITCH-3A
Color: Black
LED-SWITCH-3A-WH
Color: White



Function: 3A On/Off
1"W x 3/4"H x 2-1/4"L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

Dimmers (Optional)

Rotary Dimmer
LED-UTO-DIM



2-1/4"L x 3-1/2"W x 1-1/2"D
Female Input Cord: 2'
Male Output Cord: 2'
Range of Dimming: 0-100%
Color: Off White
Mounting: Screw

Inline Rotary Universal Dimmer

LED-INLINE-DIM
Color: Black
LED-INLINE-DIM-WH
Color: White



1-3/8"W x 1"H x 2-5/8"L
Female Input Cord: 24"
Male Output Cord: 24"
Range of Dimming: 0-100%
Mounting: Adhesive

Infra-Red Dimmer With Remote
LED-UTO-IR-DIM



3-3/8"W x 3-3/8"L x 1-3/8"H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 0-100%
Color: White
Mounting: Screw

Touch Dimmer
LED-UTO-TCH-DIM



3-3/8"W x 3-3/8"L x 1-3/8"H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 10-100%
Color: Black
Mounting: Recessed

Connecting Cables (Optional)

Function: Is to allow the designer to get around unlit areas without multiple power supplies



18" Length

LED-BL20-CON18
Color: Clear

24" Length

LED-BL20-CON24
Color: Clear

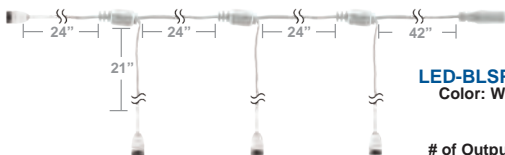
36" Length

LED-BL20-CON36
Color: Clear

Multi Output Cables/Ports (Optional)

Function: Is to join multiple fixtures to one power supply. The spider and sweep come with a power link cable.

Spider Cable
Best Used For Stairs



LED-BLSPI-WH
Color: White

of Outputs: 4
Overall Length: 96"

Sweep Cable

Best Used For Show Cases & Cabinets

LED-BL5OUT-WH
Color: White



Arms: 8-3/4"
of Outputs: 5
Overall Length: 19"

LED LIGHTING

24 V
Linear
Material: Aluminum
w/Polycarbonate Lens

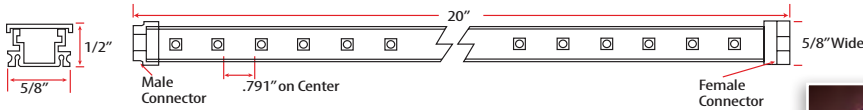


"BAR OF LIGHT"



PRODUCT FEATURES:

- Connectable RGB can be programmed to strobe or morph
- Slim, easy to hide



7 Solid Colors



Lighting Specification

| | |
|-------------|----------------------------------|
| Beam Spread | 120° |
| Lumens | Red: 19 Green: 32 Blue: 10 |
| | Average Rated For 50,000 Hours |



| PART # | COLOR TEMP | FINISH | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|--------------|------------|-------------------|--------|----------------|---------------|-------------------|
| LED-BL20-RGB | RGB | Anodized Aluminum | 20" | 24 per fixture | 5.76 | Up To 22" |

Power Supplies (Required)



• Can link up to 4 pcs. of Bar of Light on 1 power cord



LED-BL20-TR-1A

3"L x 1-1/2"W x 2"H
1A / 24V / 24W
Output Cord: 72"
Color: Black



• Can link up to 14 pcs. of Bar of Light on 1 power cord



LED-BL20-TR-3A

5-3/16"L x 2-3/16"W x 1-1/4"H
3A / 24V / 84W
Input Cord: 72"
Output Cord: 72"
Color: Black

Controllers (Required)

LED-BL20-RGB-CRM



6-Key Multi Function (Basic)
2-1/2"W x 1"H x 3-3/8"L
Female Input Cord: 18"
Male Output Cord: 18"
Color: Off White
Mounting: Screw

LED-BL20-RGB-CRP



8-Key Multi Function (Pause)
2-1/8"W x 1"H x 4-3/8"L
Female Input Cord: 18"
Male Output Cord: 18"
Color: Black
Mounting: Screw

LED-BL20-RGB-SDR



21-Key Multi Function (Basic)
2-1/2"W x 1"H x 4"L
Female Input Cord: 18"
Male Output Cord: 18"
Color: Aluminum
Mounting: Screw

LED-BL20-RGB-DBM



8-Key Multi Function (Pause)
2-1/2"W x 1"H x 4"L
Wall Remote:
3"W x 1-1/4"D x 4-3/4"L
Female Input Cord: 18"
Male Output Cord: 18"
Color: Black (Controller)
White (Wall Remote)
Mounting: Screw

LED-BL20-RGB-MIN



20-Key Multi Function (Basic)
1-3/8"W x 7"H x 2"L
Female Input Cord: 18"
Male Output Cord: 18"
Color: White
Mounting: Screw

Connecting Cables (Optional)

Function: Is to allow the designer to get around unlit areas without multiple power supplies



| PART # | LENGTH | COLOR |
|--------------------|--------|-------|
| LED-BL20-RGB-CON18 | 18" | Clear |
| LED-BL20-RGB-CON24 | 24" | Clear |
| LED-BL20-RGB-CON36 | 36" | Clear |

RGB Amplifier (Optional)

Function: Is To extend the signal of an RGB controller when the power supply is exceeded

(Must purchase another power supply when using this product)



LED-RIBBON-RGB-AMP

2-1/2"W x 7/8"H x 3-1/2"L
Female Input Cord: 18"
Male Output Cord: 18"
Color: Aluminum

FLUORESCENT LIGHTING

120 V
Linear **Hera®**

SLIMLIGHT™ T4 COMPACT LIGHTING



USED BY FORTUNE 500 COMPANIES NATIONWIDE!



PRODUCT FEATURES:

- **ENERGY EFFICIENT:** 7W, 10W & 18W lamp options. Triphosphor instant start lamp is quiet & flicker free.
- **SUPERIOR BULB LIFE:** Bulb life is rated at approximately 10,000 hours.
- **UV FILTRATION:** Plexiglass cover filters virtually all radiation out, thus preventing discoloration of products, display or countertops.
- **EXTRAORDINARY LIGHT OUTPUT:** Offers excellent product illumination. Lumen output up to 1,350.
- **VERY LITTLE HEAT GENERATED:** So low even chocolate and lipstick will keep their original shape.
- **STURDY CONSTRUCTION:** High quality components used from Europe and Japan, thus ensures maximum ballast lifetime up to 100,000 hours.
- **RFI FILTERS!:** Built in RFI filters fulfills the US FCC requirements.
- **SURGE PROTECTION:** Up to 1800 Volts.
- **COMMERCIAL GRADE CONNECTORS.**

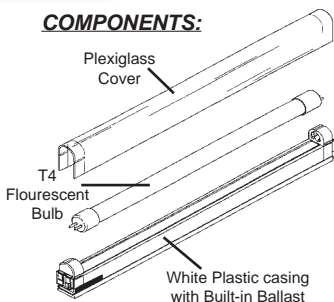


SHOWN WITH DIRECT CONNECTOR

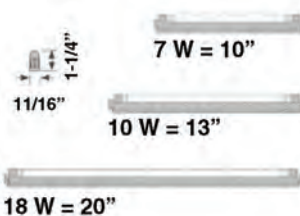


SLIM-DC

COMPONENTS:



FIXTURE DIMENSIONS:



ON / OFF
ROCKER SWITCH



SLIM-RS

LAMPS AND PLEXIGLASS COVER INCLUDED WITH EACH FIXTURE

| PART# | WATTS | MAXIMUM # OF FIXTURES CAN JOIN | LUMEN OUTPUT | REPLACEMENT BULB | COLOR |
|------------|-------|--------------------------------|--------------|------------------|------------|
| SLIM-10-CW | 7W | 21 | 420 | SLIM-10-BULB | Cool White |
| SLIM-10-WW | 7W | 21 | 420 | SLIM-10-BULB-WW | Warm White |
| SLIM-13-CW | 10W | 15 | 700 | SLIM-13-BULB | Cool White |
| SLIM-13-WW | 10W | 15 | 700 | SLIM-13-BULB-WW | Warm White |
| SLIM-20-CW | 18W | 8 | 1,350 | SLIM-20-BULB | Cool White |
| SLIM-20-WW | 18W | 8 | 1,350 | SLIM-20-BULB-WW | Warm White |

Connect Fixtures up to 155 Watts Maximum.

PRICING FOR COMPONENTS & ACCESSORIES

| PART # | DESCRIPTION | PART # | DESCRIPTION |
|-------------|---------------------------|------------|----------------------------------------|
| SLIM-PC | 6' Long Power Cord | SLIM-PC-SW | 6' Long Power Cord w/Roll Switch |
| SLIM-CAB-6 | 6" Long Connecting Cable | SLIM-RS | On/Off Rocker Switch |
| SLIM-CAB-12 | 12" Long Connecting Cable | SLIM-HB | Hardwire Box w/o Switch |
| SLIM-CAB-24 | 2' Long Connection Cable | SLIM-HB-S | Hardwire Box w/Switch |
| SLIM-CAB-48 | 4' Long Connection Cable | SLIM-DC | Direct Connector |
| SLIM-CAB-72 | 6' Long Connection Cable | SLIM-SMC-M | Metal Mounting Clip For 10", 13" & 20" |

FLUORESCENT LIGHTING

120 V **Hera**[®]
Linear

SLIMLIGHT™ T5 COMPACT LIGHTING



USED BY FORTUNE 500 COMPANIES NATIONWIDE!

PRODUCT FEATURES:

- ENERGY EFFICIENT:** Rated as high as 98% efficient.
- SUPERIOR BULB LIFE:** Bulb life is rated at approximately **20,000 hours**.
- UV FILTRATION:** Plexiglass cover filters virtually all radiation out, thus preventing discoloration of products, display or countertops
- EXTRAORDINARY LIGHT OUTPUT:** Offers excellent product illumination. Lumen output up to 3,650
- VERY LITTLE HEAT GENERATED:** So low even chocolate and lipstick will keep their original shape
- STURDY CONSTRUCTION:** High quality components used from Europe and Japan, thus ensures maximum ballast lifetime up to 100,000 hours
- RFI FILTERS!:** Built in RFI filters fulfills the US FCC requirements
- SURGE PROTECTION:** Up to 1800 Volts.
- COMMERCIAL GRADE CONNECTORS**



**COMMERCIAL
GRADE WITH VERY
LOW FAILURE RATE!**



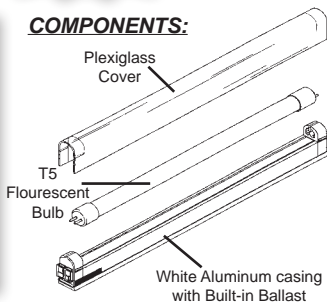
**ENERGY
EFFICIENT**



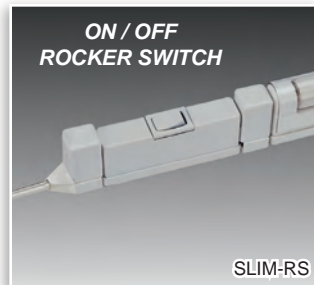
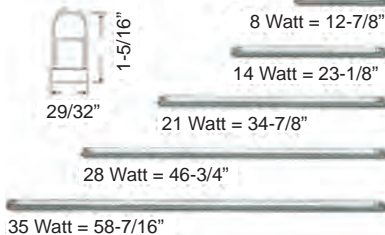
**SHOWN WITH DIRECT
CONNECTOR**

SLIM-DC

COMPONENTS:



FIXTURE DIMENSIONS:



**ON / OFF
ROCKER SWITCH**

SLIM-RS

LAMPS AND PLEXIGLASS COVER INCLUDED WITH EACH FIXTURE

| PART# | WATTS | MAXIMUM # OF FIXTURES CAN JOIN | LUMEN OUTPUT | REPLACEMENT BULB | COLOR |
|------------|-------|--------------------------------------|-----------------|---------------------|------------|
| SLIM-12-WH | 8W | 41 | 400 | SLIM-12-BULB | Cool White |
| SLIM-12-WW | 8W | 41 | 400 | SLIM-12-BULB-WW | Warm White |
| SLIM-23-CW | 14W | 41 | 1,350 | SLIM-23-BULB | Cool White |
| SLIM-23-WW | 14W | 41 | 1,350 | SLIM-23-BULB-WW | Warm White |
| SLIM-34-WH | 21W | 29 | 2,100 | SLIM-34-BULB | Cool White |
| SLIM-34-WW | 21W | 29 | 2,100 | SLIM-34-BULB-WW | Warm White |
| SLIM-46-WH | 28W | 23 | 2,900 | SLIM-46-BULB | Cool White |
| SLIM-46-WW | 28W | 23 | 2,900 | SLIM-46-BULB-WW | Warm White |
| SLIM-59-WH | 35W | 18 | 3,650 | SLIM-59-BULB | Cool White |
| SLIM-59-WW | 35W | 18 | 3,650 | SLIM-59-BULB-WW | Warm White |

**AVAILABLE
IN LENGTHS
FROM 1' TO 5'**

**Connect Fixtures
up to 585 Watts
Maximum.**

PRICING FOR COMPONENTS & ACCESSORIES

| PART # | DESCRIPTION | PART # | DESCRIPTION |
|-------------|---------------------------|--------------|---------------------------------------------|
| SLIM-PC | 6' Long Power Cord | SLIM-PC-SW | 6' Long Power Cord w/Roll Switch |
| SLIM-CAB-6 | 6" Long Connecting Cable | SLIM-RS | On/Off Rocker Switch |
| SLIM-CAB-12 | 12" Long Connecting Cable | SLIM-HB | Hardwire Box w/o Switch |
| SLIM-CAB-24 | 2' Long Connection Cable | SLIM-HB-S | Hardwire Box w/Switch |
| SLIM-CAB-48 | 4' Long Connection Cable | SLIM-DC | Direct Connector |
| SLIM-CAB-72 | 6' Long Connection Cable | SLIM-SMC-46 | Mounting Clip For 23", 34", 46" & 59" |
| | | SLIM-SMC-46M | Metal Mounting Clip For 23", 34", 46" & 59" |

FLUORESCENT LIGHTING

"D" LIGHT T5 COMPACT LIGHTING



120 V

Linear

Material: White PVC
w/Polycarbonate Lens



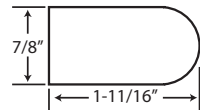
PRODUCT FEATURES:

- Each fixture comes with a COOL WHITE or WARM WHITE bulb, protective lens cover, 6-foot power cord, screws, plastic mounting clips and one direct connector
- Sturdy all white PVC construction
- Standard ON/OFF switch.
- Built in electronic end of life ballast with rapid start
- Approximate bulb life is 10,000 hours

BONUS FEATURES:

- ULTRA LOW PROFILE - ONLY 7/8"
- Easy to find replacement bulbs: T5 lamps readily available!

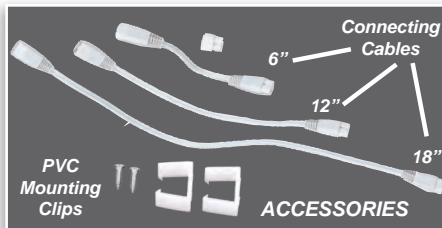
GREAT FOR UNDER CABINETS, FURNITURE DISPLAYS OR GONDOLAS!



| "D"-LIGHT FIXTURES WITH BULB | | | | | | | REPLACEMENT BULBS | |
|------------------------------|-------|--------|----------------|------------|----------|-------|-------------------|------------|
| PART# | WATTS | LUMENS | MAX # CAN JOIN | DIMENSIONS | | | REPLACEMENT LAMPS | LAMP COLOR |
| | | | | LENGTH | WIDTH | DEPTH | | |
| DLS-8W-CW | 8W | 400 | 10 | 13-1/2" | 1-11/16" | 7/8" | DLSB-8W-CW | Cool White |
| DLS-8W-WW | 8W | 400 | 10 | 13-1/2" | 1-11/16" | 7/8" | DLSB-8W-WW | Warm White |
| DLS-13W-CW | 13W | 715 | 10 | 22-1/2" | 1-11/16" | 7/8" | DLSB-13W-CW | Cool White |
| DLS-13W-WW | 13W | 715 | 10 | 22-1/2" | 1-11/16" | 7/8" | DLSB-13W-WW | Warm White |
| DLS-14W-CW | 14W | 750 | 10 | 23-13/16" | 1-11/16" | 7/8" | DLSB-14W-CW | Cool White |
| DLS-14W-WW | 14W | 750 | 10 | 23-13/16" | 1-11/16" | 7/8" | DLSB-14W-WW | Warm White |
| DLS-18W-CW | 18W | 900 | 10 | 25-1/8" | 1-11/16" | 7/8" | DLSB-18W-CW | Cool White |
| DLS-18W-WW | 18W | 900 | 10 | 25-1/8" | 1-11/16" | 7/8" | DLSB-18W-WW | Warm White |
| DLS-21W-CW | 21W | 1260 | 10 | 35-1/2" | 1-11/16" | 7/8" | DLSB-21W-CW | Cool White |
| DLS-21W-WW | 21W | 1260 | 10 | 35-1/2" | 1-11/16" | 7/8" | DLSB-21W-WW | Warm White |
| DLS-24W-CW | 24W | 1440 | 10 | 37-1/4" | 1-11/16" | 7/8" | DLSB-24W-CW | Cool White |
| DLS-24W-WW | 24W | 1440 | 10 | 37-1/4" | 1-11/16" | 7/8" | DLSB-24W-WW | Warm White |
| DLS-28W-CW | 28W | 1820 | 10 | 47" | 1-11/16" | 7/8" | DLSB-28W-CW | Cool White |
| DLS-28W-WW | 28W | 1820 | 10 | 47" | 1-11/16" | 7/8" | DLSB-28W-WW | Warm White |

"D"-LIGHT ACCESSORIES

| PART# | DESCRIPTION |
|----------|-----------------------------------------|
| DLS-6CC | 6"L Connecting Cable |
| DLS-12CC | 12"L Connecting Cable |
| DLS-18CC | 18"L Connecting Cable |
| DLS-HB | White Hardwire Box |
| DLS-HB-S | White Hardwire Box w/Switch |
| DLS-CLP | Set of (2) Plastic White Mounting Clips |



SPECIAL **FLUORESCENT**

3-Prong D-Light

CU-DLS-21W-CW-EOL
35-1/2" L x 1-11/16" W x 7/8" D

WHILE SUPPLIES LAST

PRODUCT FEATURES:

- 3-Prong grounded plug
- 5000K Cool White Bulb
- End of Life Ballast

LED LIGHTING

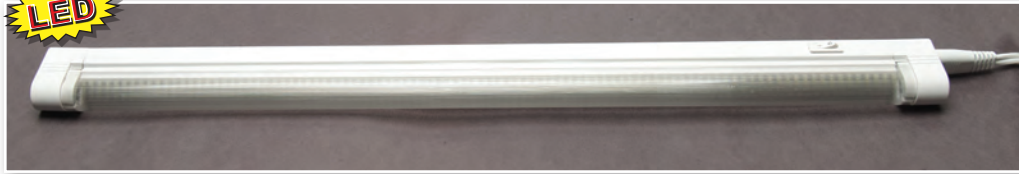
"D" LIGHT T5 COMPACT LIGHTING



120 V
Linear
Material: White PVC
w/Polycarbonate Lens



LED



PRODUCT FEATURES:

- Long lasting
- Energy efficient
- Cost effective
- Can connect up to 10 pcs. on 1 powercord



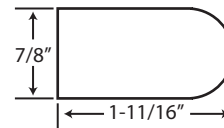
**GREAT FOR
UNDER CABINETS,
FURNITURE DISPLAYS
OR GONDOLAS!**



Lighting Specification

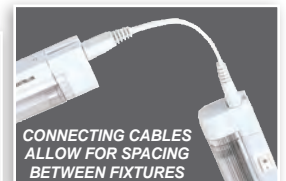
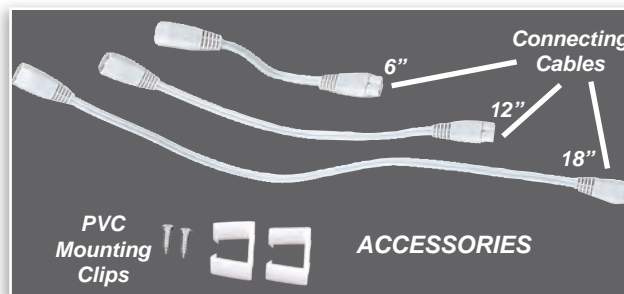
| | | |
|------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Color Temperature | | Cool White: 5000K Warm White: 3000K |
| Warm White | Pure White | |
| Beam Spread | | 120° |
| Lumens | | LED-DLS-8W-CW: 720 LED-DLS-8W-WW: 576 LED-DLS-14W-CW: 1305 LED-DLS-14W-WW: 1044 LED-DLS-18W-CW: 1800 LED-DLS-18W-WW: 1440 |
| Color Rendering Index | | Cool White: 75 Warm White: 80 |
| Constant Voltage | | Average Rated For 15,000 Hours |

| PART # | COLOR TEMP | LENGTH | # OF LED CHIPS | TOTAL WATTAGE |
|----------------|------------|--------|----------------|---------------|
| LED-DLS-8W-CW | Cool White | 23.77" | 96 | 8W |
| LED-DLS-8W-WW | Warm White | 23.77" | 96 | 8W |
| LED-DLS-14W-CW | Cool White | 35.59" | 168 | 14W |
| LED-DLS-14W-WW | Warm White | 35.59" | 168 | 14W |
| LED-DLS-18W-CW | Cool White | 47.40" | 240 | 18W |
| LED-DLS-18W-WW | Warm White | 47.40" | 240 | 18W |



"D"-LIGHT ACCESSORIES

| PART# | DESCRIPTION |
|--------------|-----------------------------------------|
| LED-DLS-6CC | 6"L Connecting Cable |
| LED-DLS-12CC | 12"L Connecting Cable |
| LED-DLS-18CC | 18"L Connecting Cable |
| LED-DLS-HB | White Hardwire Box |
| LED-DLS-HB-S | White Hardwire Box w/Switch |
| LED-DLS-CLP | Set of (2) Plastic White Mounting Clips |



FLUORESCENT LIGHTING

120 V
Linear

Slenderlight

T4 COMPACT LIGHTING

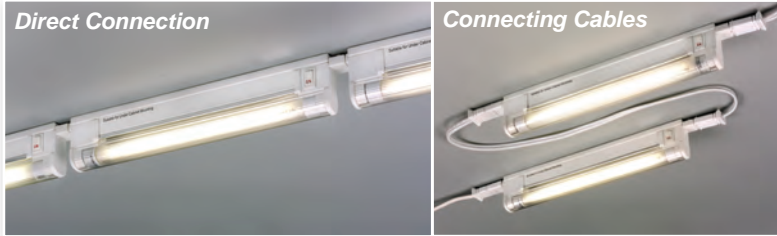


PRODUCT FEATURES:

- Each fixture comes with a cool white or warm white bulb, protective lens cover, power cord, screws & plastic mounting clip.
- White plastic casing.
- Standard ON/OFF switch.
- Built in male/female connection - no extra accessories required for direct connections!
- Built in electronic ballast.
- Approximate bulb life 8000-10,000 hours.
- Hardwire box now available.

Direct Connection

Connecting Cables



SUPER BRITE

- More lumen output
- RFI protection

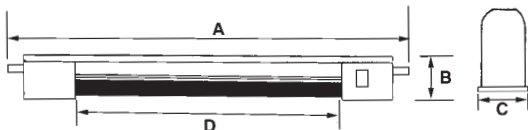


Great for
undercabinet
store fixtures
& displays!



SLENDERLIGHT FIXTURES & REPLACEMENT BULBS

| PART# | COLOR | WATTS | LUMENS | MAXIMUM # OF FIXTURES CAN JOIN | DIMENSIONS | | | | REPLACEMENT LAMPS | COLOR |
|----------|-------|-------|--------|-----------------------------------|------------|--------|--------|---------|----------------------|------------|
| | | | | | A | B | C | D | | |
| SL11F | White | 6W | 350 | 26 | 11" | 1-3/4" | 13/16" | 9-1/16" | SL11-CW-BULB | Cool White |
| SL11F-WW | White | 6W | 350 | 26 | 11" | 1-3/4" | 13/16" | 9-1/16" | SL11-WW-BULB | Warm White |
| SL15F | White | 10W | 630 | 16 | 15-13/16" | 1-3/4" | 13/16" | 13-7/8" | SL15-CW-BULB | Cool White |
| SL20F | White | 16W | 1000 | 10 | 20-13/16" | 1-3/4" | 13/16" | 18-7/8" | SL20-CW-BULB | Cool White |
| SL20F-WW | White | 16W | 1000 | 10 | 20-13/16" | 1-3/4" | 13/16" | 18-7/8" | SL20-WW-BULB | Warm White |
| SL24F | White | 20W | 1280 | 8 | 24-13/16" | 1-3/4" | 13/16" | 22-7/8" | SL24-CW-BULB | Cool White |
| SL24F-WW | White | 20W | 1280 | 8 | 24-13/16" | 1-3/4" | 13/16" | 22-7/8" | SL24-WW-BULB | Warm White |



SLENDERLIGHT ACCESSORIES

| PART# | DESCRIPTION | PART# | DESCRIPTION |
|---------------------------------|--------------------------|---------|--------------------------------|
| SL-PWR* | 5' long white power cord | SL-CC | 1-1/2' white connecting cable |
| *NOW INCLUDED WITH EACH FIXTURE | | SL-CC-4 | 4' long white connecting cable |
| | | SL-CC-6 | 6' long white connecting cable |
| SL-PWR-6 | 6-1/2' long power cord | SL-HW | white hardwire box |
| SL-PWR-10 | 10' long power cord | SL-HW-S | white hardwire box w/switch |

LED LIGHTING

120 V
Surface/Recessed
Material: All Metal
Construction



∞ INFINITY LIGHT



FULLY DIMMABLE

PRODUCT FEATURES:

- Connectable
- Supplied with 18' connecting cable

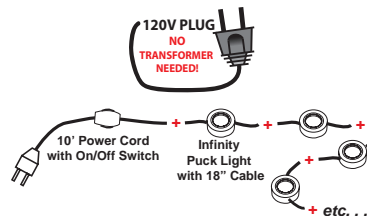
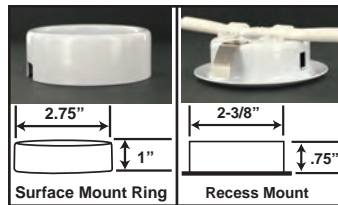


CONNECTS UP TO 100 LIGHTS ON ONE RUN!



Lighting Specification

| | | |
|---------------------------------------------|---------------------|------------------------------------------------------------------|
| Color Temperature | | Cool White: 6500K Pure White: 4500K Warm White: 3000-3500K |
| Warm White 1500K 3000K 4500K 6000K 7500K | Pure White 4500K | |
| Beam Spread | | 120° |
| Lumens | | Cool White: 140 Pure White: 120 Warm White: 125 |
| Color Rendering Index | | Cool White: 75 Pure White: 75 Warm White: 80 |
| Constant Voltage | | Average Rated For 50,000 Hours |



| PART # | COLOR TEMP | * FINISH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|---------------|------------|--------------------|----------------|---------------|-------------------|
| LED-L1TW-* | Cool White | *MC = Matte Chrome | 7 | 1.7 | 100 |
| LED-L1TW-*-PW | Pure White | *BK = Black | 7 | 1.7 | 100 |
| LED-L1TW-*-WW | Warm White | *WH = White | 7 | 1.7 | 100 |

Power Cord (Required)



LED-L1TW-PC-BK
Color: Black
LED-L1TW-PC-WH
Color: White

Function: On/Off
Cord: 10' Long

Dimmer (Optional)



Function: For use with incandescent, halogen or 120v LED fixtures

- 200-Watt maximum capacity
- 10' power cord with 3' female connector with 3 outlets

Rotary Dimmer LDM-RD-G



Use in woodwork up to 3/4" thick
Threaded stem: 1-1/2"
Color: Black w/Gold knob

Plug-In Lamp Dimmer with Remote Control



LDM-RCD-A
Frequency: A
LDM-RCD-B
Frequency: B

Two frequencies: A & B
300W capacity - 50 ft. range
Requires 9V battery (not included)
Color: White

EASY INSTALLATION:

- Plug receiver into any 110-Volt electrical outlet
- Plug lamp into receiver
- Install battery into transmitter

Connecting Cables (Optional)

Function: Is to allow the designer to get around unlit areas without multiple power supplies



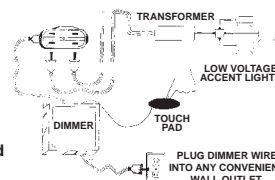
24" Length
LED-L1TW-CC24-BK
Color: Black
LED-L1TW-CC24-WH
Color: White

36" Length
LED-L1TW-CC36-BK
Color: Black
LED-L1TW-CC36-WH
Color: White

Touch Dimmer 2" dia. plate w/adhesive



LDM-3TD
5' touch sensor lead
10' wire lead
Color: Black



Touch pad can be mounted to any non conductive surface. Mount under a corner of the upper cabinet, set on a counter surface or stick to the side of the cabinet. The touch pad can also be cut off and the wire tied to any metallic surface. Tie the touch wire to a cabinet hinge, door knob or any suitable object.



12 V

Surface

Material: PVC Body
w/Prismatic Clear
Polycarbonate Lens



WAFER PUCK LIGHT The "Way Far" Better Light

**THINNEST SURFACE MOUNTED PUCK -
RECESSED LOOK WITHOUT THE WORK!**

**NEW CHIP
TECHNOLOGY**
Now with 3014 Chips
30% Brighter

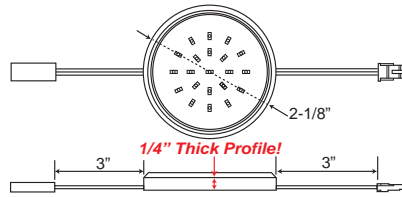
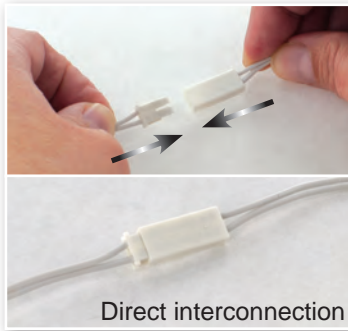
Includes additional
18" extension cable



**21 LED
CHIPS!**

PRODUCT FEATURES:

- Super thin & super bright - 80/85 CRI
- Greater light output than a 20W halogen bulb
- Dimmable
- Connectable



Designed For Multiple Surfaces

Lighting Specification

| | | |
|---------------------------------------------|------------------------------------|----------------------------------------|
| Color Temperature | | Cool White: 6500K Warm White: 3000K |
| Warm White 1500K 3000K 4500K 6000K 7500K | Pure White Cool White | |
| Beam Spread | 120° | |
| Lumens | Cool White: 250 Warm White: 230 | |
| Color Rendering Index | Cool White: 80 Warm White: 85 | |
| Constant Voltage | Average Rated For 30,000 Hours | |



| PART # | COLOR TEMP | FINISH | MOUNT OPTION | # OF LED | TOTAL WATTAGE |
|----------------|------------|--------------|-------------------------|----------------|---------------|
| LED-WF-MC-CW-A | Cool White | Matte Chrome | Adhesive or Screw Mount | 21 Per Fixture | 2.2W |
| LED-WF-MC-WW-A | Warm White | Matte Chrome | Adhesive or Screw Mount | 21 Per Fixture | 2.2W |
| LED-WF-MC-CW-M | Cool White | Matte Chrome | Magnetic Mount | 21 Per Fixture | 2.2W |
| LED-WF-MC-WW-M | Warm White | Matte Chrome | Magnetic Mount | 21 Per Fixture | 2.2W |

Max # Can Connect

- 5 fixtures for 1 amp power supply
- 15 fixtures for 3 amp power supply
- 25 fixtures for 5 amp power supply

See pg. 694 for our LED Battery Operated Wafer Kit and pgs. 692-693 for our LED Wafer Track System

LED LIGHTING



12 V
Surface
Material: PVC Body
w/Prismatic Clear
Polycarbonate Lens



WAFER PUCK LIGHT The "Way Far" Better Light

Power Supplies (Required)

LED-WF-TR-1A



Constant Voltage
2-3/4" L x 2-1/4" W x 1-1/8" H
1A / 12V / 12W
Output Cord: 72"
Color: Black

LED-WF-TR-3A



Constant Voltage
3-13/16" L x 1-1/2" W x 1-3/4" H
3A / 12V / 36W
Output Cord: 72"
Color: Black



LED-WF-TR-5A



Constant Voltage
5-1/4" L x 2-1/4" W x 1-3/16" H
5A / 12V / 60W
Input Cord: 72"
Output Cord: 60"
Color: Black

Dimmers (Optional)

Remote Control
Dimmer

LED-WF-DIM-RC



2-1/4" W x 1-1/4" H x 4-1/2" L
Female Input Cord: 24"
Male Output Cord: 24"
Range of Dimming: 0-100%
Color: Off White
Mounting: Screw

Inline Rotary
Universal Dimmer

LED-INLINE-DIM
Color: Black
LED-INLINE-DIM-WH
Color: White



1-3/8" W x 1" H x 2-5/8" L
Female Input Cord: 24"
Male Output Cord: 24"
Range of Dimming: 0-100%
Mounting: Adhesive

Infra-Red Dimmer
With Remote

LED-WF-IR-DIM



3-3/8" W x 3-3/8" L x 1-3/8" H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 0-100%
Color: White
Mounting: Screw

Touch Dimmer

LED-WF-TCH-DIM



3-3/8" W x 3-3/8" L x 1-3/8" H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 10-100%
Color: Black
Mounting: Recessed

Switches (Optional)

LED-SWITCH-1A
Color: Black
LED-SWITCH-1A-WH
Color: White



Function: 1A On/Off
1" W x 3/4" H x 2-1/4" L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

LED-SWITCH-3A
Color: Black
LED-SWITCH-3A-WH
Color: White



Function: 3A On/Off
1" W x 3/4" H x 2-1/4" L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

Connecting Cables (Optional)

Function: Is to allow the designer to get around unlit areas without multiple power supplies



| PART # | LENGTH | COLOR |
|-------------|--------|-------|
| LED-WF-CC24 | 24" | White |
| LED-WF-CC36 | 36" | White |

Motion Sensor (Optional)

LED-MSEN

- With motion - stays powered, no motion - off in 90 seconds
- 1" W x 3/4" H x 2-1/4" L
Female Input Cord: 36"
Male Output Cord: 36"
Color: Black



Door Plunger (Optional)

LED-PLUNT

- Light turns on when door is open & off when closed
- Optional timer allows light to turn off automatically in 90 seconds



Button
2" W x 1" H x 2-3/4" L
Female Input Cord: 36"
Male Output Cord: 36"
Color: Black

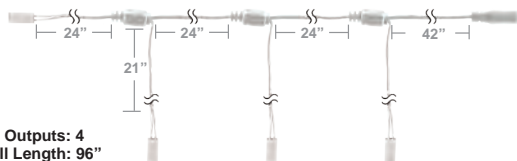
Multi Output Cables/Ports (Optional)

Function: Is to join multiple fixtures to one power supply. The spider and sweep come with a power link cable.

Spider Cable

Best Used For Stairs

LED-WFSPi-WH
Color: White



of Outputs: 4
Overall Length: 96"

Sweep Cable

Best Used For Show Cases & Cabinets



Arms: 8-3/4"
of Outputs: 5
Overall Length: 19"

LED-WF-5OUT-WH
Color: White

See pg. 694 for our LED Battery Operated Wafer Kit and pgs. 692-693 for our LED Wafer Track System

LED LIGHTING

MOVEABLE WAFER PUCK TRACK SYSTEM



12 V
Surface
Material: PVC Body
w/Prismatic Clear
Polycarbonate Lens



NEW CHIP TECHNOLOGY
Now with 3014 Chips
30% Brighter

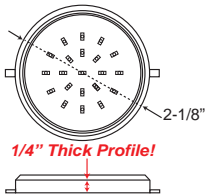


Add up to
27 pucks per
transformer

PRODUCT FEATURES:

- Easily move the puck lights anywhere along the track
- Freedom to add puck lights anywhere you need them
- Offered with 3', 4', 6' & 12' tracks
- Connect up to 27 puck lights off 1 transformer
- Available jumper cables allow for shelf to shelf lighting connections
- Cool to the touch - generates no heat!
- Power cable links to tracks

Move pucks
anywhere
along track



Add
a light
anywhere
needed!



Lighting Specification

| | | |
|---------------------------------|---------------------|----------------------------------------|
| Color Temperature | | Cool White: 6500K Warm White: 3000K |
| Warm White 1500K 3000K 4500K | Pure White 6000K | |
| Beam Spread | | 120° |
| Lumens | | Cool White: 250 Warm White: 230 |
| Color Rendering Index | | Cool White: 80 Warm White: 85 |
| Constant Voltage | | Average Rated For 30,000 Hours |

1 Choose a Track (comes with adhesive):



| PART # | *COLOR | LENGTH |
|-----------------|--------|--------|
| LED-WF-TRK-2-* | | 2 Ft. |
| LED-WF-TRK-3-* | | 3 Ft. |
| LED-WF-TRK-4-* | | 4 Ft. |
| LED-WF-TRK-6-* | | 6 Ft. |
| LED-WF-TRK-12-* | | 12 Ft. |

*BK = Black
*WH = White

2 Choose Number of Wafer Lights:

| PART # | COLOR TEMP | FINISH | # OF LED CHIPS | TOTAL WATTAGE |
|-----------------|------------|--------------|----------------|---------------|
| LED-WF-MC-CW-MT | Cool White | Matte Chrome | 21 Per Fixture | 2.2W |
| LED-WF-MC-WW-MT | Warm White | Matte Chrome | 21 Per Fixture | 2.2W |

Max # Can Connect

- 5 fixtures for 1 amp power supply
- 15 fixtures for 3 amp power supply
- 25 fixtures for 5 amp power supply

See pgs. 690-691 for our LED Wafer "Way Far" Better Light & pg. 694 for our LED Battery Operated Wafer Kit

LED LIGHTING

MOVEABLE WAFER PUCK TRACK SYSTEM



12 V

Surface

Material: PVC Body
w/Prismatic Clear
Polycarbonate Lens



Power Supplies (Required)

LED-WF-TR-1A



Constant Voltage
2-3/4"L x 2-1/4"W x 1-1/8"H
1A / 12V / 12W
Output Cord: 72"
Color: Black

LED-WF-TR-3A



Constant Voltage
3-13/16"L x 1-1/2"W x 1-3/4"H
3A / 12V / 36W
Output Cord: 72"
Color: Black



LED-WF-TR-5A



Constant Voltage
5-1/4"L x 2-1/4"W x 1-3/16"H
5A / 12V / 60W
Input Cord: 72"
Output Cord: 60"
Color: Black

Dimmers (Optional)

Remote Control
Dimmer
LED-WF-DIM-RC



2-1/4"W x 1-1/4"H x 4-1/2"L
Female Input Cord: 24"
Male Output Cord: 24"
Range of Dimming: 0-100%
Color: Off White
Mounting: Screw

Inline Rotary
Universal Dimmer

LED-INLINE-DIM
Color: Black
LED-INLINE-DIM-WH
Color: White



1-3/8"W x 1"H x 2-5/8"L
Female Input Cord: 24"
Male Output Cord: 24"
Range of Dimming: 0-100%
Mounting: Adhesive

Infra-Red Dimmer
With Remote
LED-WF-IR-DIM



3-3/8"W x 3-3/8"L x 1-3/8"H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 0-100%
Color: White
Mounting: Screw

Touch Dimmer
LED-WF-TCH-DIM



3-3/8"W x 3-3/8"L x 1-3/8"H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 10-100%
Color: Black
Mounting: Recessed

Switches (Optional)

LED-SWITCH-1A
Color: Black
LED-SWITCH-1A-WH
Color: White



Function: 1A On/Off
1"W x 3/4"H x 2-1/4"L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

LED-SWITCH-3A
Color: Black
LED-SWITCH-3A-WH
Color: White



Function: 3A On/Off
1"W x 3/4"H x 2-1/4"L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

Jumper Cable (Optional)

• Track to track connection



JC24

Cord: 24"
Color: Black

Motion Sensor (Optional)

LED-MSEN

• With motion - stays powered, no motion - off in 90 seconds



1"W x 3/4"H x 2-1/4"L
Female Input Cord: 36"
Male Output Cord: 36"
Color: Black

Door Plunger (Optional)

• Light turns on when door is open & off when closed
• Optional timer allows light to turn off automatically in 90 seconds



LED-PLUNT

Button
2"W x 1"H x 2-3/4"L
Female Input Cord: 36"
Male Output Cord: 36"
Color: Black

See pgs. 690-691 for our LED Wafer "Way Far" Better Light & pg. 694 for our LED Battery Operated Wafer Kit

LED LIGHTING

12 V (DC)

Surface

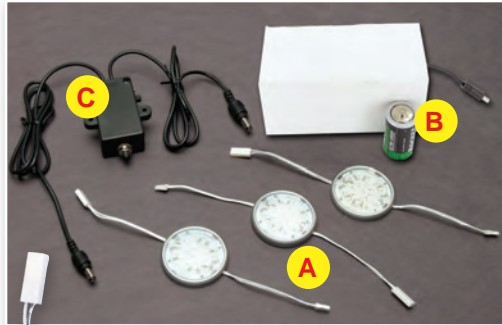
Material: PVC Body
w/Prismatic Clear
Polycarbonate Lens



WAFER PUCK LIGHT BATTERY OPERATED KIT



We are proud to introduce the first of it's kind, low cost LED Closet & Cabinetry **battery operated** Wafer Puck Light!



ALL INCLUSIVE KIT

- (A) 3 lights w/peel & stick adhesive, screws & (3) 18" extension leads.
- (B) Battery pack: 5-5/16"L x 2-3/4"W x 2-3/4"H comes supplied with 8 "D" Ultra Green 0% Mercury & Cadmium batteries & cable
- (C) Door plunger: 2-3/4"L x 2"W x 1"H w/3' input/output wires

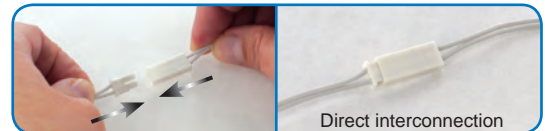
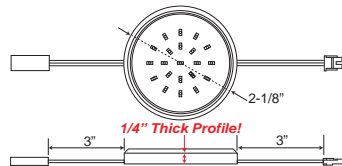
PRODUCT FEATURES:

- Super thin, low profile...great for tight applications
- The included door plunger allows the light to turn on when the door is open & off when closed
- When activated, the built-in timer on the door plunger allows light to turn off automatically in 90 seconds, thus saving battery power
- Cheaper than installing an electrical outlet
- Suited for existing closets, cabinets or drawers
- Surface mounts with supplied peel & stick tape or screws
- Operates on 8 D batteries (*included*)
- Low voltage - no risk of shock



Lighting Specification

| | | |
|------------------------------|---------------------|----------------------------------------|
| Color Temperature | | Cool White: 6500K Warm White: 3000K |
| Warm White 1500K 3000K | Pure White 4500K | |
| Beam Spread | | 120° |
| Lumens | | Cool White: 100 Warm White: 95 |
| Color Rendering Index | | Cool White: 80 Warm White: 85 |
| Constant Voltage | | Average Rated For 30,000 Hours |



| PART # | COLOR TEMP | FINISH | MOUNT OPTION | # OF LED CHIPS | TOTAL WATTAGE |
|------------------|------------|--------|--------------|----------------|---------------|
| LED-WF-CLS-MC-CW | Cool White | Matte | Adhesive or | 21 Per Fixture | 2.2W |
| LED-WF-CLS-MC-WW | Warm White | Chrome | Screw Mount | | |

See pgs. 690-691 for our LED Wafer "Way Far" Better Light & pgs. 692-693 for our LED Wafer Track System

For other Closet Lighting, See Page 706

LED LIGHTING

UTOPIA ULTRA BRIGHT LED PUCK LIGHT



New

24 V
Surface
Material: Aluminum
With PVC Lens



DOES IT ALL! EVEN LIGHT DISTRIBUTION WITHOUT ANY HOT SPOTS!



Pivots in recessed & surface mounted applications

PRODUCT FEATURES:

- Pivoting head allows light to be directed to desired locations
- All metal construction
- Surface or Recess mount

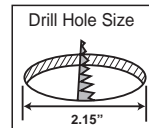
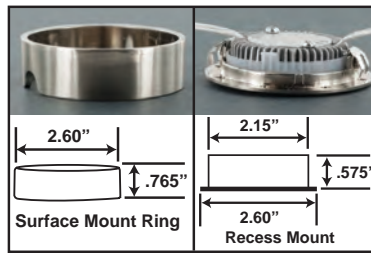


Direct Interconnection



Lighting Specification

| Color Temperature | |
|----------------------------------------|------------------------------------|
| Warm White 1500K 3000K 4500K | Pure White 4500K |
| Pure White 6000K 7500K | Cool White 7500K |
| Pure White: 4500K Warm White: 3200K | |
| Beam Spread | 120° |
| Lumens | Pure White: 175 Warm White: 175 |
| Color Rendering Index | Pure White: 85 Warm White: 85 |
| Constant Voltage | Average Rated For 30,000 Hours |



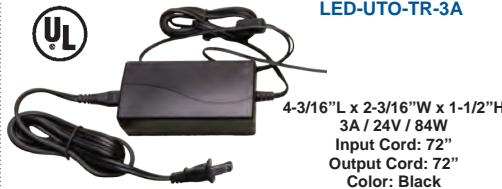
| PART # | COLOR TEMP | FINISH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|----------------|------------|--------------|----------------|---------------|-------------------|
| LED-UTO-CHR-PW | Pure White | Matte Chrome | 7 | 3W | 20 pcs. |
| LED-UTO-CHR-WW | Warm White | Matte Chrome | 7 | 3W | 20 pcs. |

Power Supplies (Required)



LED-UTO-TR-1A

3" L x 1-1/2" W x 2" H
1A / 24V / 24W
Input Cord: 72"
Output Cord: 72"
Color: Black



LED-UTO-TR-3A

4-3/16" L x 2-3/16" W x 1-1/2" H
3A / 24V / 84W
Input Cord: 72"
Output Cord: 72"
Color: Black

Connecting Cables (Optional)

Function: Is to allow the designer to get around unlit areas without multiple power supplies



| PART # | LENGTH | COLOR |
|-----------------|--------|-------|
| LED-UTO-CC24-WH | 24" | White |
| LED-UTO-CC36-WH | 36" | White |

Dimmers (Optional)

Rotary Dimmer

LED-UTO-DIM



2-1/4" L x 3-1/2" W x 1-1/2" D
Female Input Cord: 2'
Male Output Cord: 2'
Range of Dimming: 0-100%
Color: Off White
Mounting: Screw

Inline Rotary Universal Dimmer

LED-INLINE-DIM
Color: Black
LED-INLINE-DIM-WH
Color: White



1-3/8" W x 1" H x 2-5/8" L
Female Input Cord: 24"
Male Output Cord: 24"
Range of Dimming: 0-100%
Mounting: Adhesive

Infa-Red Dimmer With Remote

LED-UTO-IR-DIM



3-3/8" W x 3-3/8" L x 1-3/8" H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 0-100%
Color: White
Mounting: Screw

Touch Dimmer

LED-UTO-TCH-DIM



3-3/8" W x 3-3/8" L x 1-3/8" H
Female Input Cord: 18"
Male Output Cord: 18"
Range of Dimming: 10-100%
Color: Black
Mounting: Recessed

Switches (Optional)

LED-SWITCH-1A
Color: Black
LED-SWITCH-1A-WH
Color: White



Function: 1A On/Off
1" W x 3/4" H x 2-1/4" L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

LED-SWITCH-3A
Color: Black
LED-SWITCH-3A-WH
Color: White



Function: 3A On/Off
1" W x 3/4" H x 2-1/4" L
Female Input Cord: 12"
Male Output Cord: 12"
Works With Power Supply: 12V / 24V

LED LIGHTING

VENUS ULTRA BRIGHT LED PUCK LIGHT



New

24 V
Surface
Material: Aluminum
With Clear PVC Lens



PRODUCT FEATURES:

- Extremely bright 3-1/2" diameter produces a "Shower of Light"
- Installs easily with one screw: No drilling required
- Beautifully crafted all metal construction
- Ultra low profile
- Extremely low heat



Easy Installation
Surface Mounts
with 1 Screw

Lighting Specification

| Color Temperature | |
|---------------------------------------------|----------------------------------------|
| Warm White 1500K 3000K 4500K 6000K 7500K | Pure White: 4500K Warm White: 3200K |
| Beam Spread | 90° |
| Lumens | Pure White: 320 Warm White: 300 |
| Color Rendering Index | Pure White: 75 Warm White: 75 |
| Constant Voltage | Average Rated For 50,000 Hours |



| PART # | COLOR TEMP | FINISH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|----------------|------------|-----------------|----------------|---------------|-------------------|
| LED-VEN-CHR-PW | Pure White | Polished Chrome | 42 | 3W | 15 pcs. |
| LED-VEN-CHR-WW | Warm White | Polished Chrome | 42 | 3W | 15 pcs. |
| LED-VEN-BCH-PW | Pure White | Brushed Chrome | 42 | 3W | 15 pcs. |
| LED-VEN-BCH-WW | Warm White | Brushed Chrome | 42 | 3W | 15 pcs. |

Power Supplies (Required)

LED-VEN-TR-36W

3-3/4" L x 1-3/4" W x 1" H
1.5A / 24V / 36W
Input Cord: 60"
Output Cord: 60"
Color: Black



LED-VEN-TR-45W

3-3/4" L x 1-3/4" W x 1" H
1.88A / 24V / 45W
Input Cord: 60"
Output Cord: 60"
Color: Black

Dimmer (Optional)

LED-VEN-DIM

3-3/4" L x 1-1/8" W x 3/8" H
Male Output Cord: 36"
Range of Dimming: 0-100%
Color: Black
Mounting: Screw



Junction Box (Optional)

Function: Is to join multiple fixtures to one power supply.

LED-VEN-JB

1-5/8" L x 1-1/4" W x 5/8" H
Power In: 1 Port
Power Out: 4 Ports

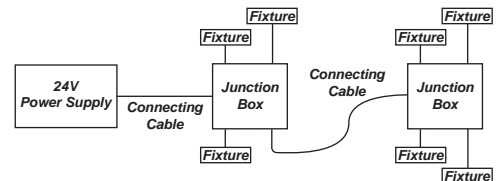


Extension Cable (Optional)

Function: To extend length of fixture cable

LED-VEN-CC

Length: 39"



30 V/DC
Surface/Recessed
Material:
Diecast Metal



LED "TRIPLE PLAY"



ALL INCLUSIVE KIT

- (A) 3 light set w/3 surface rings & 36" L wire
- (B) Power Supply: 2-3/4" L x 2" W x 1" H w/6' L power cable & 6' L output wire
- (C) Junction box - 3"L x 1-1/4"W x 3/4"H

PRODUCT FEATURES:

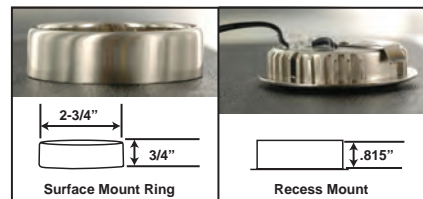
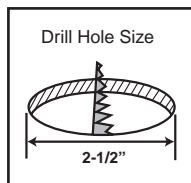
- Built-in metal reflector maximizes light output
- Built-in heat sink
- Can be surface or recessed mounted



High Quality Finish

Lighting Specification

| | | |
|------------------------------|---------------------------------------|--------------------------------|
| Color Temperature | | Cool White: 6500K |
| Warm White 1500K | Pure White 3000K 4500K 6000K 7500K | |
| Beam Spread | | 80° |
| Lumens | | Cool White: 228 |
| Color Rendering Index | | Cool White: 75 |
| | | Average Rated For 50,000 Hours |



| PART # | COLOR TEMP | DESCRIPTION | FINISH | # OF LED CHIPS | TOTAL WATTAGE |
|---------------|------------|-------------|--------------|----------------|---------------|
| LED-THRK-3-MC | Cool White | 3 Light kit | Matte Chrome | 3 Per Fixture | 3 x 1W (3W) |
| LED-THRK-3-BK | Cool White | 3 Light kit | Black | 3 Per Fixture | 3 x 1W (3W) |
| LED-THRK-3-WH | Cool White | 3 Light kit | White | 3 Per Fixture | 3 x 1W (3W) |

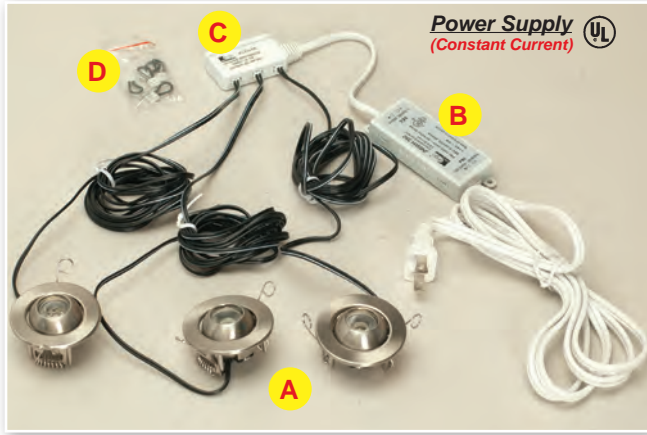
3.5 V/DC

Recessed

Material: Die Cast Metal Housing



PIVOTING "LITTLE SPOT"



Power Supply (Constant Current)

ALL INCLUSIVE KIT

- (A) 3 light set w/79" L wire
- (B) Power Supply: 3" L x 1-3/8" W x 5/8" H w/6' L power cable & 6' L output wire
- (C) Junction box - 2" L x 1-1/4" W x 1/2" D
- (D) 5 - Circuit bridges

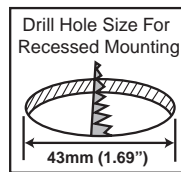
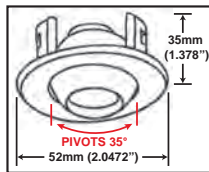
PRODUCT FEATURES:

- Small diameter can accommodate a variety of applications
- Pivots 35°
- 6 lights can work off 1 power supply



Lighting Specification

| Color Temperature | |
|-----------------------|----------------------------------------|
| | Cool White: 6500K Warm White: 3600K |
| Beam Spread | 50° |
| Lumens | Cool White: 60 Warm White: 80 |
| Color Rendering Index | Cool White: 75 Warm White: 80 |
| | Average Rated For 20,000 Hours |



| PART # | COLOR TEMP | DESCRIPTION | FINISH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|---------------|------------|-----------------------|--------------|----------------|---------------|--------------------------|
| LED-EB3-CW-SN | Cool White | 3 Light kit | Satin Nickel | 1 Per fixture | 3 x 1W (3W) | Accepts up to 6 fixtures |
| LED-EB3-WW-SN | Warm White | 3 Light kit | Satin Nickel | 1 Per fixture | 3 x 1W (3W) | Accepts up to 6 fixtures |
| LED-EB1-CW-SN | Cool White | Single add on fixture | Satin Nickel | 1 Per fixture | 1W | -- |
| LED-EB1-WW-SN | Warm White | Single add on fixture | Satin Nickel | 1 Per fixture | 1W | -- |



12 V

Recessed

Material: Die Cast Metal Housing



"LITTLE SPOT" LIGHTING



ALL INCLUSIVE KIT

- (A) 3, 6 or 9 light set w/59-1/2" L wire
- (B) Power Supply: 2-1/2" L x 1-7/8" W x 1" H w/6' L power cable & 6' L output wire
- (C) Junction box - 3" L x 1-1/4" W x 3/4" D

PRODUCT FEATURES:

- Small diameter can accommodate a variety of applications
- Diffuser allows user to soften light output



SHOWN WITH DIFFUSERS

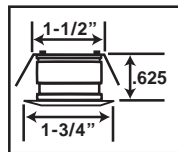


Lighting Specification

| | | |
|---------------------------------------------|--------------------------|--------------------------------|
| Color Temperature | | Cool White: 6500K |
| Warm White 1500K 3000K 4500K 6000K 7500K | Pure White Cool White | |
| Beam Spread | | 120° |
| Lumens | | Cool White: 76 |
| Color Rendering Index | | Cool White: 75 |
| Constant Current | | Average Rated For 50,000 Hours |



Free optional light diffusing filters included in every kit!



EXCELLENT FOR SHOWCASING ITEMS



| PART # | COLOR TEMP | DESCRIPTION | FINISH | # OF LED CHIPS | TOTAL WATTAGE |
|---------------|------------|-------------|--------------|----------------|---------------|
| LED-LSLK-3-MC | Cool White | 3 Light kit | Matte Chrome | 1 Per Fixture | 3 x 1W (3W) |
| LED-LSLK-6-MC | Cool White | 6 Light kit | Matte Chrome | 1 Per Fixture | 6 x 1W (6W) |
| LED-LSLK-9-MC | Cool White | 9 Light kit | Matte Chrome | 1 Per Fixture | 9 x 1W (9W) |

LED LIGHTING

INDOOR SERIES

Button Spot & See Spot Run



New

12 V
Recessed
Material:
Polycarbonate

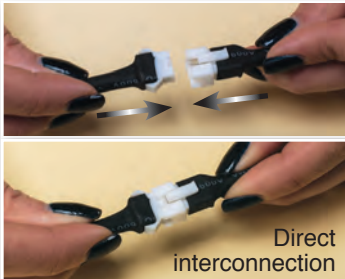


PRODUCT FEATURES:

- Waterproof - IP68 rated fixtures
- Connectable up to 20 pieces
- Perfect for decorative lighting and merchandising
- Recessed mount

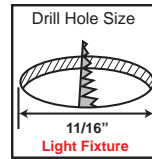
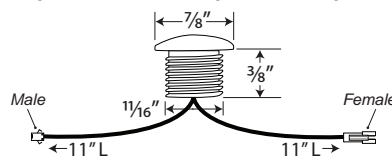
Lighting Specification

| Color Temperature | |
|--------------------------------|-------------------|
| | Cool White: 6500K |
| Beam Spread | 30° |
| Lumens | Cool White: 22.5 |
| Color Rendering Index | Cool White: 80 |
| Average Rated For 30,000 Hours | |



Direct interconnection

Specs for Button Spot & See Spot Run



Button Spot (Cool White)



LED-STAR-CW

Color Temp: Cool White
Diameter: 7/8"
of LED: 3
Total Wattage: .3W
Max. # Can Connect: 20
Finish: White

See Spot Run (RGB)



LED-STAR-RGB

Color Temp: RGB
Diameter: 7/8"
of LED: 3
Total Wattage: .3W
Max. # Can Connect: 20
Finish: White

Power Supplies (Required)

LED-STAR-TR



2.95" L x 1.4" W x 2.04" H
1A / 12V / 12W Max
Input Cord: 60"
Color: Black



Power Supplies (Required)

LED-STAR-TR



2.95" L x 1.4" W x 2.04" H
1A / 12V / 12W Max
Input Cord: 60"
Color: Black



Junction Box (Optional)

Function: Is to join multiple fixtures to one power supply. The spider and sweep come with a power link cable.

LED-STAR-JB

1-1/4" W x 1/2" H x 2" L
Cable Length: 19-11/16"
of Outputs: 10
Color: White

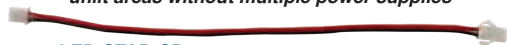


Connecting Cable (Required w/Junction Box)

Function: Is to allow the designer to get around unlit areas without multiple power supplies

LED-STAR-CB

Cable Length: 8"
Color: Black/Red



Controller (Required For RGB Only)

LED-STAR-C



RGB Controller Color Combination:
• Red • Green • Blue • Green / Red
• Red / Blue • Blue / Green
• Red / Blue / Green • Morph

Drill Hole Size

8-Touch Multi Function
1-3/4" O.D.
Female Input Cord: 18"
Male Output Cord: 18"
Color: Black w/Silver Ring
Mounting: Wall



RGB Controller

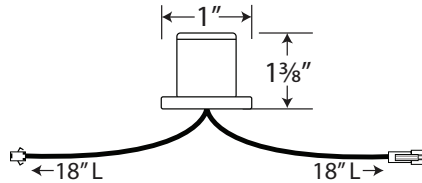
LED LIGHTING

12 V
Surface
Material: Aluminum



New

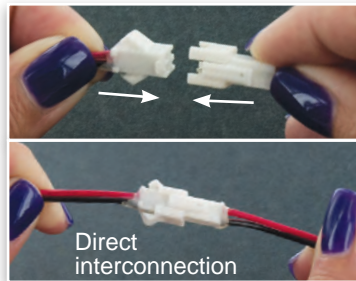
LED TOP HAT SPOTLIGHT



- PRODUCT FEATURES:**
- Sleek & Attractive Design
 - Connectable
 - Surface Mount

Lighting Specification

| Color Temperature | | | Cool White: 6500K |
|--------------------------------|------------|------------|-------------------|
| Warm White | Pure White | Cool White | |
| 1500K | 3000K | 4500K | 6000K 7500K |
| Beam Spreads | | | 60° |
| Lumens | | | Cool White: 75 |
| Color Rendering Index | | | Cool White: 80 |
| Average Rated For 30,000 Hours | | | |



| PART # | COLOR TEMP | FINISH | NOMINAL SIZE | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|---------------|------------|----------------|-----------------|----------------|---------------|-------------------|
| LED-TOPHAT-CW | Cool White | Satin Aluminum | 1"Dia x 1-3/8"H | 1 | 1W | 12 |

Power Supplies (Required)

LED-TOPHAT-TR

3"L x 1-1/2"W x 2"H
1A / 12V / 12W
Input Cord: 60"
Color: Black



LED LIGHTING

"MIGHTY LIGHT" On The Wallet



20 V

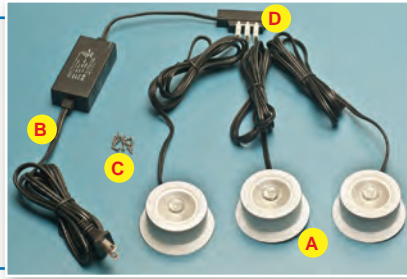
Surface/Recessed

Material: ABS w/
Polycarbonate Lens



ALL INCLUSIVE KIT

- (A) 3 light set w/79"L wire
- (B) Power Supply: 3-5/8"L x 1-3/8"W x 1"H w/6'L power cable & 6-1/2"L output wire
- (C) Screws
- (D) Junction box - 2"L x 1-1/4"W x 1/2"H

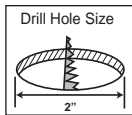
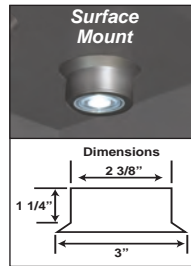
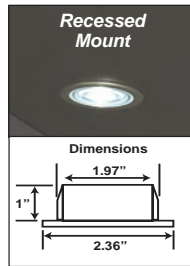


PRODUCT FEATURES:

- Easy to install
- Surface or recess mount rings included

Lighting Specification

| | |
|---------------------------------------------|--------------------------------------------|
| Color Temperature | |
| Warm White 1500K 3000K 4500K 6000K 7500K | Cool White 6500K Warm White: 3200K |
| Beam Spread | 30° |
| Lumens | Cool White: 107 x 3 Warm White: 100 x 3 |
| Color Rendering Index | Cool White: 75 Warm White: 80 |
| Constant Current | Average Rated For 50,000 Hours |



| PART # | COLOR TEMP | DESCRIPTION | FINISH | # OF LED CHIPS | TOTAL WATTAGE |
|--------------|------------|-------------|-----------------|---------------------|----------------------|
| LED-M3-CW-WH | Cool White | 3 Light kit | White | 1 per fixture (x 3) | 1W per fixture (x 3) |
| LED-M3-CW-SS | Cool White | 3 Light kit | Stainless Steel | 1 per fixture (x 3) | 1W per fixture (x 3) |
| LED-M3-WW-WH | Warm White | 3 Light kit | White | 1 per fixture (x 3) | 1W per fixture (x 3) |
| LED-M3-WW-SS | Warm White | 3 Light kit | Stainless Steel | 1 per fixture (x 3) | 1W per fixture (x 3) |

12 V

Surface/Recess

Material: Metal

HALOGEN LIGHTING

ECONOMY PUCK LIGHT



KIT INCLUDES:

- 3 spot lights with 130" connecting cable.
- 3 surface mounting rings.
- 1 UL listed 60W transformer.
- Mounting screws.
- Comes with 20W halogen bulb.



Lamps Included. For Replacement Lamps

HE-20W

| PART # | COLOR |
|----------|--------------|
| CHCL-3BK | Black |
| CHCL-3WH | White |
| CHCL-3CH | Chrome |
| CHCL-3MC | Matte Chrome |

Available Finishes:

Black • White • Chrome • Matte Chrome

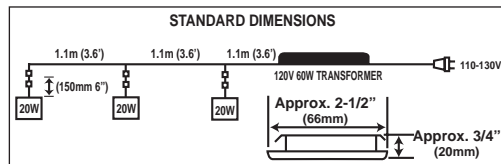
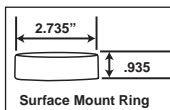
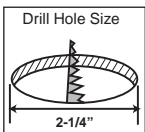
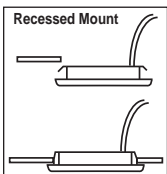


Photo compliments of:
REV-A-SHELF
Products

See pages 357-374 for additional REV-A-SHELF products.

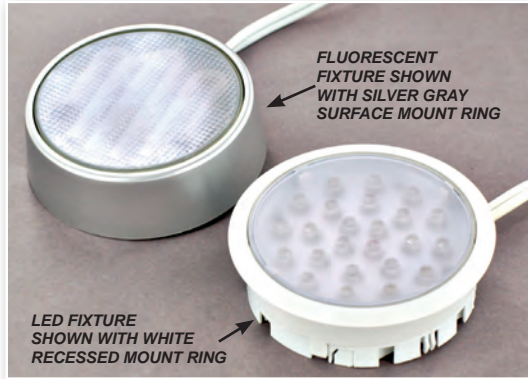
120 V

Surface/Recess

Material: ABS Housing
w/Polycarbonate Lens



“SUNSPOT” LIGHTING



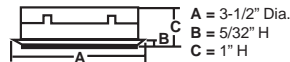
Each light is supplied with 1 Surface Mount Ring & 1 Recessed Mount Ring

PRODUCT FEATURES FOR FLUORESCENT & LED:

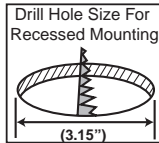
- **Energy Efficient**
- Recess or surface mount
- Comes with a 6 ft. attached power cord
- Available in white and silver gray

Lighting Specification

| | |
|------------------------------|--------------------------------------------|
| Color Temperature | |
| | Daylight White: 9000K Warm White: 3500K |
| Beam Spread | 60° |
| Lumens | Daylight White: 250 Warm White: 290 |
| Color Rendering Index | Daylight White: 70 Warm White: 75 |
| | Average Rated For 30,000 Hours |



Weights only 3.07 oz.!



FLUORESCENT



- 9 watt = 40 watt incandescent
- 8,000 hour bulb life

LED



- 25 pcs. 0.1W LED's per fixture. Each 2.2 Watt fixture is equivalent to one 40 Watt incandescent fixture

| PART # | LIGHT | FINISH |
|-----------|--------------------|-------------|
| FSS-CW-WH | Cool White (4200K) | White |
| FSS-CW-SL | Cool White (4200K) | Silver Gray |
| FSS-WW-WH | Warm White (2700K) | White |
| FSS-WW-SL | Warm White (2700K) | Silver Gray |

| PART # | LIGHT | FINISH |
|-----------|------------------------|-------------|
| LSS-CW-WH | Daylight White (9000K) | White |
| LSS-CW-SL | Daylight White (9000K) | Silver Gray |
| LSS-WW-WH | Warm White (3500K) | White |
| LSS-WW-SL | Warm White (3500K) | Silver Gray |

XENON LIGHTING

METAL POCKET® LIGHT

12 V
Surface/Recess
Material: Aluminum



PRODUCT FEATURES:

- 10W or 20W/12V Xenon bulbs.
- Less heat & longer lamp life when compared to halogen.
- All metal construction.
- Recessed or surface mount.
- Fully dimmable.
- Supplied with 79" long connecting cable.
- Approximate bulb life: 5,000 hours.

RECESS MOUNT



SURFACE MOUNT



NOTE: SURFACE MOUNT RING SOLD SEPARATELY

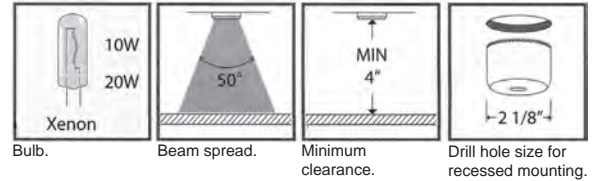


AVAILABLE FINISHES:



*- ADD COLOR
CHOOSE APPROPRIATE
CODE

| PART # | WATTS | PACKAGE TYPES | COMPATIBLE TRANSFORMER |
|-------------|-------|------------------------------------|------------------------|
| MAX-10X-* | 10W | Individual | MAX-TR-60W |
| MAX-10X-2* | 10W | 2 Light Kit | Included w/ Kit |
| MAX-10X-3* | 10W | 3 Light Kit | Included w/ Kit |
| MAX-20X-* | 20W | Individual | MAX-TR-60W |
| MAX-20X-2* | 20W | 2 Light Kit | Included w/ Kit |
| MAX-20X-3* | 20W | 3 Light Kit | Included w/ Kit |
| MAX-SURFX-* | N/A | Surface Mount Ring Sold Separately | N/A |



MAXI-LIGHT: For transformer & accessories, see page 742

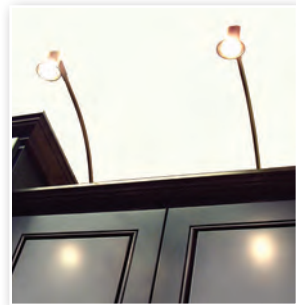
← **SPRING CLIPS FOR EASY INSTALLATION! -STRONG, DURABLE ALL METAL CONSTRUCTION!**



12 V
Spot
Material: Metal

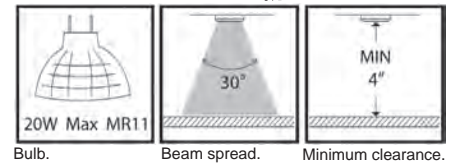


STELLAR® ARC LIGHT



PRODUCT FEATURES:

- 14" or 25" long arc with swivel head.
- Aluminum coated MR-11 bulb eliminates pink back spill, no light emitted upwards.
- Includes a 12V x 20W xenon MR-11 bulb. Bulb life rated at approximately 4,000 hours (35W sold separately).
- Supplied with 79" long connecting cable.
- Fully dimmable.



AVAILABLE FINISHES:



HEAD SWIVELS ON A BALL JOINT!

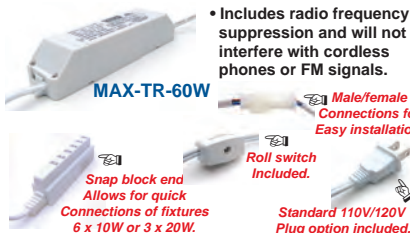


| PART # | WATTS | LENGTH | COMPATIBLE TRANSFORMER |
|-------------|-------|--------|------------------------|
| STEL-20-14* | 20W | 14" | MAX-TR-60W |
| STEL-20-25* | 35W | 25" | MAX-TR-60W |

** -NOT AVAILABLE IN 25" LONG.

CUSTOM LENGTHS & COLORS AVAILABLE. MINIMUMS APPLY. PLEASE INQUIRE.

TRANSFORMER



POCKET® & STELLAR® ACCESSORIES

EXTENSION CORDS

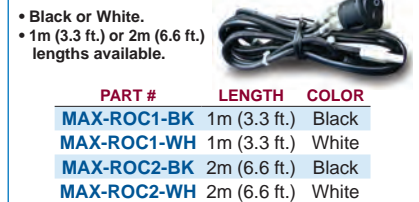


| PART # | LENGTH |
|-----------|--------------|
| MAX-EXT-1 | 1m (3.3 ft.) |
| MAX-EXT-2 | 2m (6.6 ft.) |
| MAX-EXT-3 | 3m (9.9 ft.) |

TOUCH DIMMERS



ROCKER SWITCHES



HALOGEN LIGHTING

CONNECTABLE CANISTER LIGHT



120 V
Recessed
Material: Steel



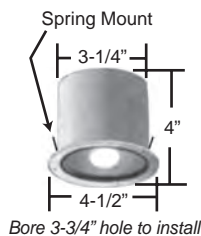
FB-1 (Single)

- 10' cord
- Roll switch 5' from plug



FB-2 (Starter)

- 10' cord
- Roll switch 5' from plug
- 24" extension



PRODUCT FEATURES:

- All metal construction
- Spring clip mounting
- 3-1/4" drill hole size



FB-3 (Joiner)

- 20" extension



FB-4 (End)

- 2' power cord

FB-* CANISTER LIGHTS

| PART # | * ADD COLOR |
|--------|--------------------|
| FB-1* | BK=Black |
| FB-2* | BR=Polished Brass |
| FB-3* | PC=Polished Chrome |
| FB-4* | |

(*CHOOSE APPROPRIATE COLOR)

REPLACEMENT BULB 50 watt halogen spot
PAR-20

PLUG-IN SWIVEL RECESSED

*Available Finishes
for RLF & HSP Series:*



Brushed Brass



Brushed Chrome



Black



White



Polished Brass



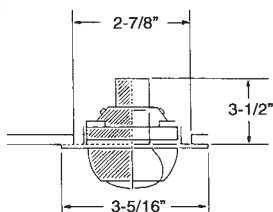
Polished Chrome

RLF SERIES



PRODUCT FEATURES:

- All metal construction
- Spring clip mounting
- 2-7/8" drill hole size
- 24" cord with polarized plug
- Includes 40W/R14 120V reflector lamp



| PART # | COLOR |
|------------|-----------------|
| RLF-580-BK | Black |
| RLF-580-WH | White |
| RLF-580-BC | Brushed Chrome |
| RLF-580-BB | Brushed Brass |
| RLF-580-PB | Polished Brass |
| RLF-580-PC | Polished Chrome |

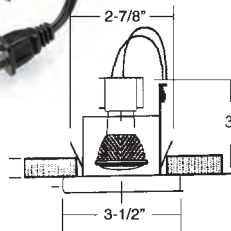
LAMPS INCLUDED. FOR REPLACEMENT BULB:
RLF-BULB

HSP SERIES



PRODUCT FEATURES:

- All metal construction
- Spring clip mounting
- 2-7/8" drill hole size
- 24" cord with polarized plug
- Includes halogen 35W/120V GU-10 base lamp
- Dimmable



| PART # | COLOR |
|------------|-----------------|
| HSP-35-BK | Black |
| HSP-35-WH | White |
| HSP-35-BC | Brushed Chrome |
| HSP-35-BB | Brushed Brass |
| HSP-35-BRS | Polished Brass |
| HSP-35-CHR | Polished Chrome |

LAMPS INCLUDED. FOR REPLACEMENT BULB:
HSP-35-BULB

LED LIGHTING

12 V
Linear
Material: Aluminum



LED CLOSET ROD KIT Customized To Any Length



New

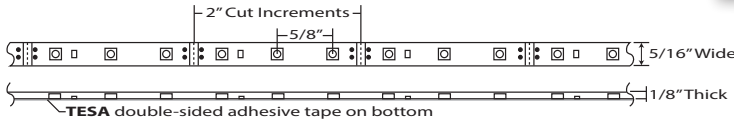
Kit Includes (Available In 3 Sizes):

Closet Rod, Ribbon Flex Light & 2 Mounting Brackets

Will Fit Any
Closet Opening

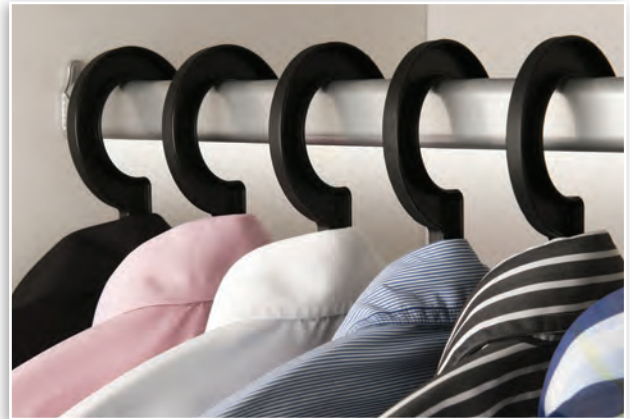
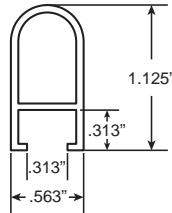
PRODUCT FEATURES:

- Trimmable in 2" increments
- Beautifully illuminates your closet space to find what you need with ease



Lighting Specification

| | | |
|------------------------------|--|----------------------------------------|
| Color Temperature | | Cool White: 6500K |
| Beam Spreads | | 120° |
| Lumens | | 3 Ft.: 500 5 Ft.: 700 7 Ft.: 890 |
| Color Rendering Index | | Cool White: 75 |
| Constant Current | | Average Rated For 50,000 Hours |



| PART # | COLOR TEMP | FINISH | LENGTH | # OF LED CHIPS | TOTAL WATTAGE |
|--------------|------------|-------------------------|--------|----------------|---------------|
| LED-CLOSET-3 | Cool White | Clear Anodized Aluminum | 3 Ft. | 36 | 7.4W |
| LED-CLOSET-4 | Cool White | Clear Anodized Aluminum | 4 Ft. | 48 | 9.9W |
| LED-CLOSET-5 | Cool White | Clear Anodized Aluminum | 5 Ft. | 60 | 12.4W |

Power Supplies (Required)



LED-CLOSET-TR

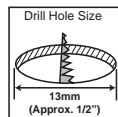
3"L x 1-1/2"W x 2"H
1A / 12V / 12W
Input Cord: 60"
Color: Black

LED-CLOSET-TR3

3-3/4"L x 1-3/4"W x 1-1/2"H
3A / 12V / 36W
Input Cord: 72"
Color: Black

DC 5.5

Door Sensor (Optional)



Recessed Mount



Surface Mount

LED-CLOSET-MSEN

2-1/2"L x 1"W x 11/16"H
Female Input Cord: 18"
Male Output Cord: 18"
Color: Silver Gray

Switches (Optional)

LED-CLOSET-SW-1A



Function: 1A On/Off
1"W x 3/4"H x 2-1/4"L
Female Input Cord: 12"
Male Output Cord: 12"

LED-CLOSET-SW-3A



Function: 3A On/Off
1"W x 3/4"H x 2-1/4"L
Female Input Cord: 12"
Male Output Cord: 12"

New

LED VIBRATION SENSOR DRAWER LIGHT

4.5 V

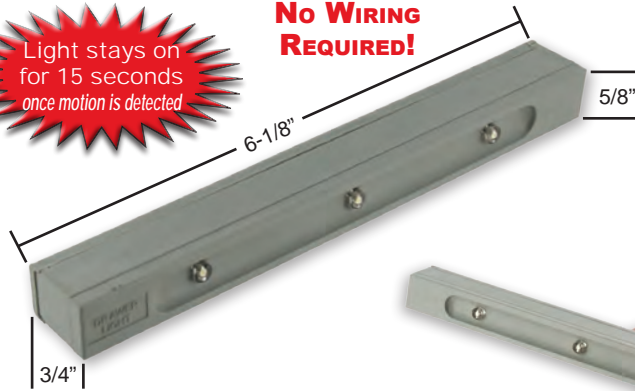
Linear

Material: ABS



Light stays on for 15 seconds once motion is detected

No WIRING REQUIRED!



PRODUCT FEATURES:

- No Wiring Required
- Built in vibration sensor- open the drawer & the light comes on
- Light stays on for 15 seconds once drawer is opened
- On/Off Switch
- 3 AAA Batteries Included
- Mounts with 3M adhesive or screw holes for permanent application

Lighting Specification

| Color Temperature | | Cool White: 6500K |
|--------------------------------|---------------------|-------------------|
| Warm White 1500K | Pure White 3000K | |
| Beam Spread | | 30° |
| Lumens | | Cool White: 7.5 |
| Color Rendering Index | | Cool White: 80 |
| Average Rated For 30,000 Hours | | |



Mount with 3M Adhesive or Screws (Not Included)



| PART # | COLOR TEMP | FINISH | LENGTH | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|----------|------------|--------|--------|----------------|---------------|-------------------|
| LED-VIBE | Cool White | Grey | 6-1/8" | 3 | .3W | N/A |

Linear
Material: White Plastic w/ Frosted Lens Cover



LED MOTION CLOSET LIGHT

Light stays on for 30 seconds once motion is detected

No WIRING REQUIRED!

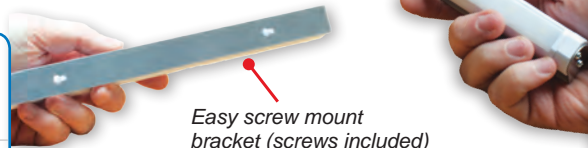


PRODUCT FEATURES:

- No Wiring Required
- Built in motion sensor
- Light stays on for 30 seconds once motion is detected
- On/Off Switch
- 3 AA Batteries Included
- Pivots

Lighting Specification

| Color Temperature | | Warm White: 3000K |
|---------------------------------|---------------------|-------------------|
| Warm White 3000K | Pure White 4500K | |
| Lumens | | Warm White: 27 |
| Average Rated For 100,000 Hours | | |



Easy screw mount bracket (screws included)



| PART # | COLOR TEMP | LENGTH | # OF LED CHIPS |
|------------|------------|--------|----------------|
| LED-MOTION | Warm White | 10" | 9 |

Note: Wafer Puck Lights, See Pages 690-694

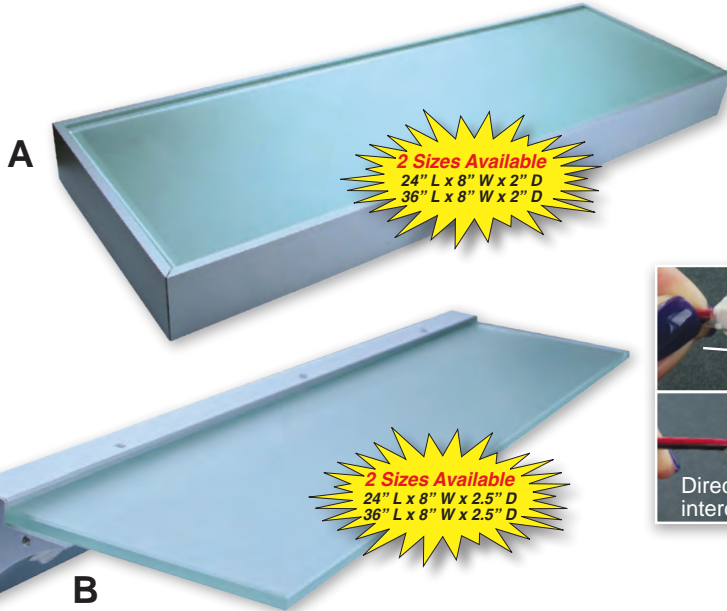
LED LIGHTING

LED SHELVES

12 V
Shelf
Material: Aluminum
& Glass

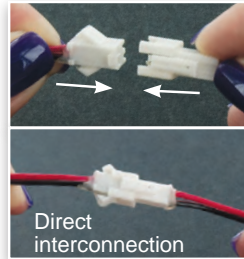


New



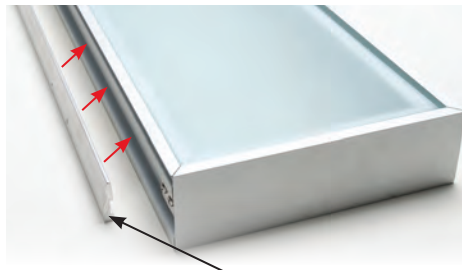
PRODUCT FEATURES:

- Sleek modern look
- On/Off switch on power supply
- Connectable up to 3 shelves
- Mounting clips included



Lighting Specification

| Color Temperature | | Cool White: 6500K Warm White: 3500K |
|---------------------------------|---------------------------|----------------------------------------|
| Warm White 1500K 3000K 4500K | Pure White 6000K 7500K | |
| Beam Spreads | | 120° |
| Lumens | | 24" Long: 660 36" Long: 1020 |
| Color Rendering Index | | Cool White: 70 Warm White: 70 |
| Average Rated For 40,000 Hours | | |



Heavy duty invisible mounting brackets included in every order



| PART # | COLOR TEMP | FINISH | NOMINAL SIZE | # OF LED CHIPS | TOTAL WATTAGE | MAX # CAN CONNECT |
|----------------|-------------------------------------|-----------------------------------|--------------------|----------------|---------------|-------------------|
| A LED-SHF248-* | Cool White (*CW) / Warm White (*WW) | Satin Aluminum With Frosted Glass | 24"L x 8"W x 2"D | 33 | 6.6W | 3 |
| A LED-SHF368-* | | | 36"L x 8"W x 2"D | 54 | 10.2W | 2 |
| B LED-SHF247-* | | | 24"L x 7"W x 2.5"D | 33 | 6.6W | 3 |
| B LED-SHF367-* | | | 36"L x 7"W x 2.5"D | 54 | 10.2W | 2 |

Power Supplies (Required)

LED-SHFTR-12

3"L x 1-1/2"W x 7/8"H
1A / 12V / 12W
Input Cord: 48"
Output Cord: 5-7/8"
Color: White



LED-SHFTR-24

3-3/4"L x 1-3/4"W x 7/8"H
2A / 12V / 24W
Input Cord: 48"
Output Cord: 5-7/8"
Color: White

LED STANDOFFS



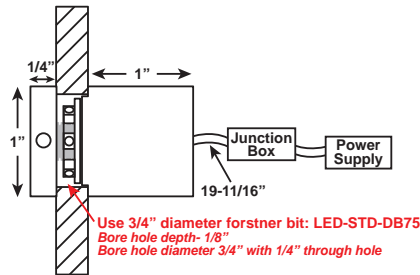
New

12 V
Sign
Material: Aluminum



PRODUCT FEATURES:

- Finishes: Polished Chrome & Matte Chrome
- Holds panel material up to 1/2"
- Perfect for lobbies & reception areas
- Flat Cap- M10 thread
- Up to 10 pieces can be run from one power supply
- Screws & anchors included



Lighting Specification

| Color Temperature | |
|---------------------------------------------|---------------------------|
| Warm White 1500K 3000K 4500K 6000K 7500K | Cool White: 6000-6500K |
| Beam Spread | 120° |
| Lumens | Cool White: 30-40 |
| Color Rendering Index | Cool White: 70 |
| Average Rated For 10,000 Hours | |

Maximum Recommended Spacing: 20" x 20" for 4 Standoffs

| PART # | COLOR TEMP | FINISH | HEIGHT | DIAMETER | # OF LED | TOTAL WATTAGE |
|-----------------|------------|-----------------|--------|----------|----------|---------------|
| STD-LED-2525-PC | Cool White | Polished Chrome | 1" | 1" | 6 | .4W |
| STD-LED-2525-MC | Cool White | Matte Chrome | 1" | 1" | 6 | .4W |

Power Supplies (Required)

LED-STD-TR-1A



3"L x 1-1/2"W x 2"H
1A / 12V / 12W
Input Cord: 5'
Color: Black

Junction Box (Required)

Function: Is to join multiple fixtures to one power supply. The spider and sweep come with a power link cable.

LED-STD-JB10



2"L x 1-1/4"W x 1/2"D
of Outputs: 10
Input Cord: 19-11/16"
Color: White

Forstner Drill Bit (Optional)

LED-STD-DB75



- Extra sharp cutting edges for smooth, flat bottomed holes
- Hole Size: 3/4"
- Shank: 3/8"

120 V
Exhibit



LIGHT FIXTURES



ETL US
No. 2000766
Conforms to UL Std 153
Certified to CAN/CSA C 22.2 No 9

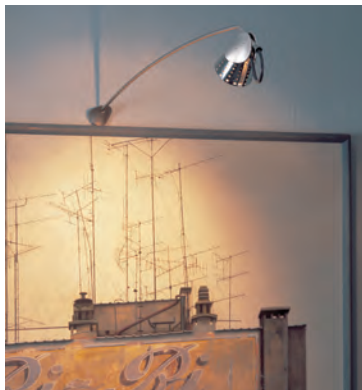
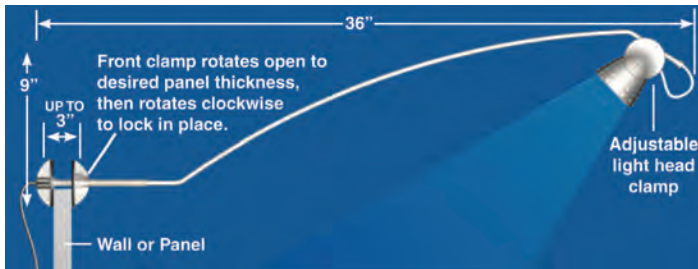
CIELO® XL

CLAMPS - NO SCREW MOUNTING



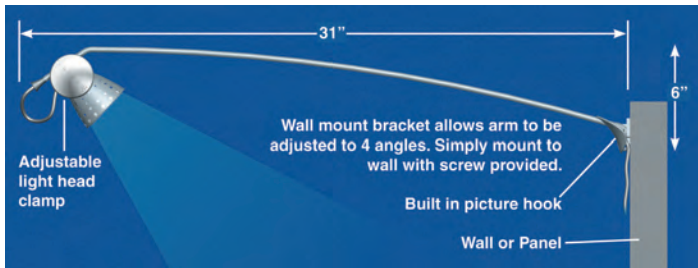
PART #
200X-CL

**STURDY CLAMP MECHANISM
FITS UP TO 3" THICK MATERIAL**



IMAGO® SURFACE MOUNTED

PART #
210-I



PRODUCT FEATURES:

EASY TO USE! Each fixture is uniquely designed for ease of fixation.

LIGHTWEIGHT BUT EXTREMELY DURABLE!

All stainless steel construction with nickel plated components and highly polished shades of the light head.

SAFE FOR MUSEUM PIECES! Halogen bulbs with dichroic reflector. 80% of potentially harmful heat is reflected to the rear of the light head while 100% of the light shines on the subject matter.

NO TRANSFORMER REQUIRED! 120V-Simply plug into any outlet. Black power cord is 10 feet long with 3 prong plug.

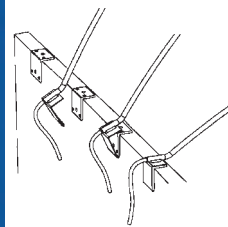
VERSATILE and PORTABLE! The light head clamp can be adjusted to various angles for the greatest lighting potential of any exhibit.

PANEO®

TOP PANEL MOUNTED

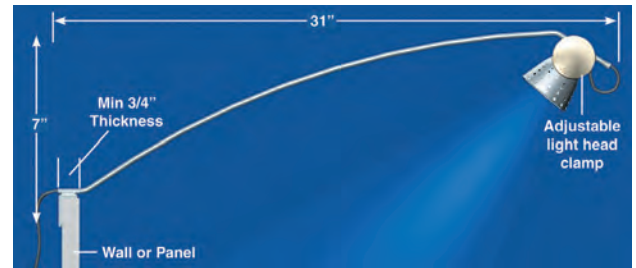


TWO-PIECE BRACKET ASSEMBLY & MOUNTING



Mount to panel by hooking the light fixture into a base unit affixed invisibly to the rear edge of the panel.

PART #
205-P



LAMPS SOLD SEPARATELY

LED GU10 Bulb



LED-GU10-CW (3W)
LED-GU10-9W-CW
LED-GU10-9W-WW
LED-GU10-12W-CW
LED-GU10-12W-WW

Lighting Specification

| Color Temperature | | |
|-----------------------------------------------------------------------------------------------------------------|------------|-------------------|
| Warm White | Pure White | Cool White |
| 1500K | 3000K | 4500K 6000K 7500K |
| Beam Spread | | |
| 60° | | |
| Lumens | | |
| LED-GU10-WW: 150 LED-GU10-9W-CW: 810 LED-GU10-9W-WW: 770 LED-GU10-12W-CW: 1000 LED-GU10-12W-WW: 950 | | |
| Color Rendering Index | | |
| Cool White: 75 Warm White: 80 | | |
| Constant Voltage | | |
| Average Rated For 50,000 Hours | | |

75 W HALOGEN w/Dichroic Reflector Bulb



B054

Lighting Specification

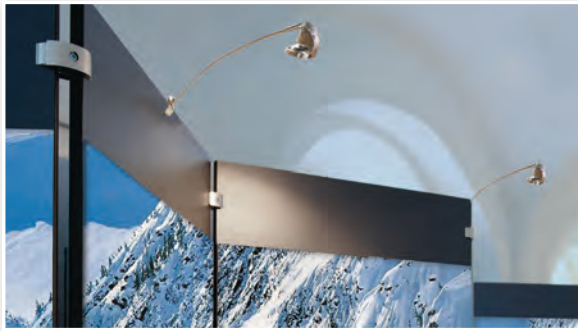
| | |
|-------------|------------------|
| Beam Spread | 50° |
| Lumens | Cool White: 1260 |

12 V

Exhibit

Material: Metal

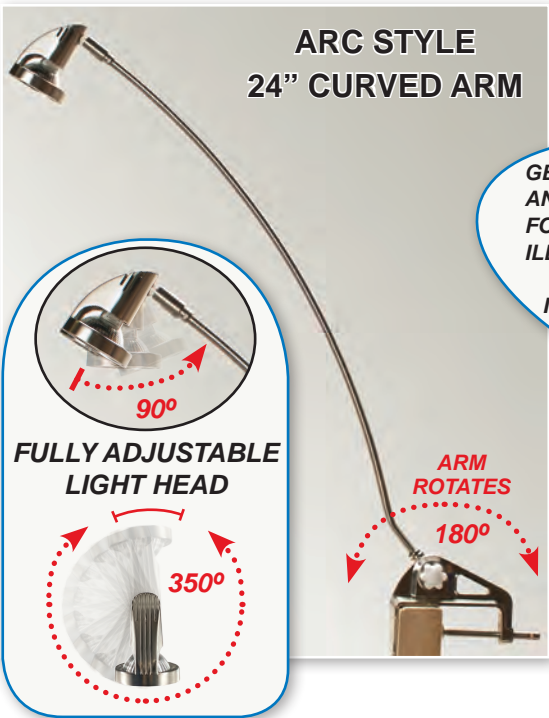
"ARC-IT" LIGHTS



PRODUCT FEATURES:

- Fully adjustable light head allows for great flexibility in a variety of applications
- Display arm can also be adjusted at a variety of angles by using the gear adjuster to lock into place
- Adjustable C-clamps will accommodate 7/8" to 3-3/8" thick panels
- 12V 60 watt power supply included with 6' power cord
- Steel construction in Satin Chrome finish

* Available in cool white or warm white, please specify

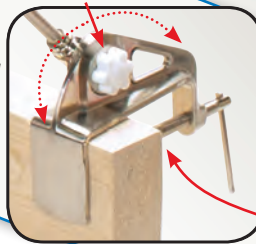


**ARC STYLE
24" CURVED ARM**



**GOOSE NECK STYLE
19" FLEXIBLE ARM**

**GEAR-STYLE ADJUSTER
ANGLES ARM
FOR DESIRED
ILLUMINATION
& LOCKS
INTO PLACE**



**CLAMP
ADJUSTS
FOR
7/8"-3-3/8"
PANELS**

| PART # | DESCRIPTION |
|----------------------|--------------------------------------------|
| LED-ARC-SC* | 24" curved arm, 3W High Powered LED bulb |
| LED-GNECK-SC* | 19" flexible arm, 3W High Powered LED bulb |
| HAL-ARC-SC | 24" curved arm, 50W Halogen bulb |
| HAL-GNECK-SC | 19" flexible arm, 50W Halogen bulb |

Other bulb options available, See Below

Optional 150 Watt Transformer available for powering 3 halogen fixtures:

TR-150W-TF4

Lighting Specification

| LED | |
|------------------------------|----------------------------------------|
| Color Temperature | Cool White: 6000K Warm White: 3000K |
| Beam Spread | 60° |
| Lumens | Cool White: 1000 Warm White: 950 |
| Color Rendering Index | Cool White: 75 Warm White: 80 |
| Constant Voltage | Average Rated For 50,000 Hours |

Lighting Specification

| HALOGEN | |
|--------------------------|------------------|
| Beam Spread | 36° |
| Lumens | Cool White: 1700 |
| Average Rated For | 2,000 Hours |

LED MRE16 Bulb



- LED-MRE16-CW (3W)
- LED-MRE16-WW (3W)
- LED-MRE16-9W-CW
- LED-MRE16-9W-WW
- LED-MRE16-12W-CW
- LED-MRE16-12W-WW

Lighting Specification

| Color Temperature | | | |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------|
| Warm White 1500K 3000K 4500K 6000K 7500K | Pure White 4500K 6000K 7500K | Cool White 6000K 7500K | Cool White: 6000K Warm White: 3000K |
| Beam Spread | 60° | | |
| Lumens | LED-MRE16-CW: 210 LED-MRE16-WW: 150 LED-MRE16-9W-CW: 810 LED-MRE16-9W-WW: 770 LED-MRE16-12W-CW: 1000 LED-MRE16-12W-WW: 950 | | |
| Color Rendering Index | Cool White: 75 Warm White: 80 | | |
| Constant Voltage | Average Rated For 50,000 Hours | | |



New

12 V
Spot
Material: Aluminum



"TINY" SPOT LED LIGHTS

Tiny Spot 15

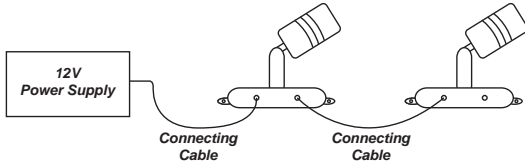
LED-TS05S-CW

Color Temp: Cool White
Finish: Polished Chrome
of LED chips: 1
Max # Can Connect: 15

2W

PRODUCT FEATURES:

- Ultra compact & extremely bright
- Fully connectable
- Emits virtually no heat
- Head swivels 360° and pivots 180° for easy direction of light
- On/off switch
- 39" connecting cable & screws included



Lighting Specification For Tiny Spot 15 & Tiny Spot 11

| Color Temperature | | Cool White: 6500K |
|-----------------------|--------------------------------|-------------------|
| Warm White 1500K | Pure White 3000K | |
| Beam Spread | 60° | |
| Lumens | Cool White: 110 | |
| Color Rendering Index | Cool White: 75 | |
| | Average Rated For 50,000 Hours | |



Power Supplies (Required)

LED-TS-TR-1A

2-3/4" L x 2-1/4" W x 1-1/8" H
1A / 12V / 12W
Input Cord: 5'
Color: Black



LED-TS-TR-3A

3-13/16" L x 1-3/4" W x 1-1/2" H
3A / 12V / 36W
Input Cord: 6'
Color: Black

3.5 Reducer Included

Tiny Spot 11

LED-TS05-CW

Color Temp: Cool White
Finish: Polished Chrome
of LED chips: 1
Max # Can Connect: 15

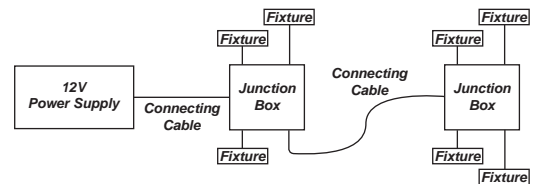
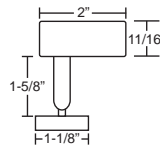
2W

PRODUCT FEATURES:

- Ultra compact & extremely bright
- Fully connectable
- Emits virtually no heat
- Head swivels 360° and pivots 180° for easy direction of light
- Screws Included



Each Fixture Will Come With A 3.5 Male/Male Connector



Power Supplies (Required)

LED-TS-TR-1A

2-3/4" L x 2-1/4" W x 1-1/8" H
1A / 12V / 12W
Input Cord: 5'
Color: Black



LED-TS-TR-3A

3-13/16" L x 1-3/4" W x 1-1/2" H
3A / 12V / 36W
Input Cord: 6'
Color: Black

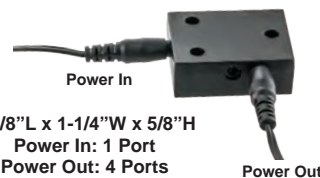
3.5 Reducer Included

Junction Box (Optional)

Function: Is to join multiple fixtures to one power supply. The spider and sweep come with a power link cable.

Only works with LED-TS05-CW

LED-TS05-JB



1-5/8" L x 1-1/4" W x 5/8" H
Power In: 1 Port
Power Out: 4 Ports

Connecting Cable (Optional)

Function: Is to allow the designer to get around unlit areas without multiple power supplies

LED-TS-CC

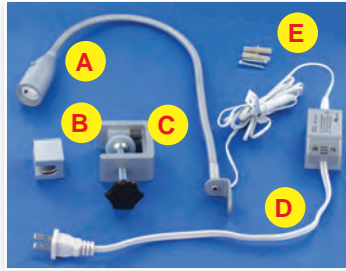


LED LIGHTING

12V
Light Arm
Material: Clear
Anodized Aluminum



APHRODITE



- ALL INCLUSIVE KIT**
- (A) Light arm with on/off button & 6 ft. connecting cable
 - (B) Screw cover
 - (C) 3-in-1 mounting clamp
 - (D) Power Supply: 2-5/8"L x 1-3/8"W w/1"H w/12"L cord
 - (E) Mounting hardware

- PRODUCT FEATURES:**
- 3 in 1 mounting system
 - On/off button on head

Lighting Specification

| | | | |
|------------------------------|---------------------------|--------------------------------|-------------------|
| Color Temperature | | | Warm White: 3000K |
| Warm White 1500K | Pure White 3000K 4500K | Cool White 6000K 7500K | |
| Beam Spread | | | 30° |
| Lumens | | | Warm White: 46 |
| Color Rendering Index | | | Warm White: 75 |
| Constant Voltage | Constant Current | Average Rated For 30,000 Hours | |

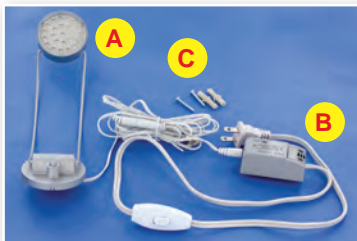


| PART # | COLOR TEMP | # OF LED CHIPS | TOTAL WATTAGE |
|---------------|------------|----------------|---------------|
| LED-APHRODITE | Warm White | 12 | 1 |

12V
Light Arm
Material: ABS
w/Aluminum Look



APOLLO



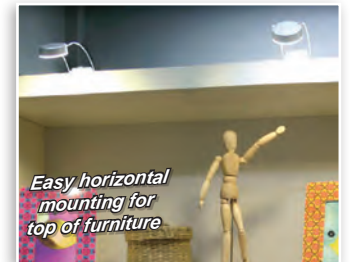
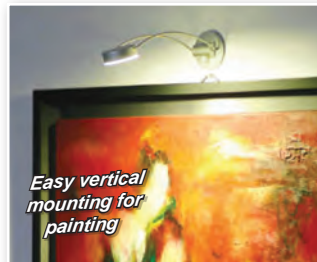
ALL INCLUSIVE KIT

- (A) Light arm with on/off switch & 6 ft. connecting cable
- (B) Power Supply: 2-5/8"L x 1-3/8"W w/1"H w/31"L cord & rocker switch
- (C) Mounting hardware

- PRODUCT FEATURES:**
- Horizontal or vertical mounting options
 - On/off switch on base

Lighting Specification

| | | | |
|------------------------------|---------------------------|--------------------------------|-------------------|
| Color Temperature | | | Warm White: 3000K |
| Warm White 1500K | Pure White 3000K 4500K | Cool White 6000K 7500K | |
| Beam Spread | | | 115° |
| Lumens | | | Warm White: 150 |
| Color Rendering Index | | | Warm White: 70 |
| Constant Voltage | Constant Current | Average Rated For 30,000 Hours | |



| PART # | COLOR TEMP | # OF LED CHIPS | TOTAL WATTAGE |
|------------|------------|----------------|---------------|
| LED-APOLLO | Warm White | 24 | 2 |

LED LIGHTING

ULTRA BRIGHT CHANNEL LETTER MODULES



12 V
Sign/Display
Material: Styrene
w/Surface Epoxy



Lighting Specification

| Color Temperature | |
|-----------------------|------------------------------------------------------------------|
| | Cool White: 5500K |
| Beam Spread | 120° |
| Lumens | Cool White: 30 Red: 24 Yellow: 24 Green: 48 Blue: 12 |
| Color Rendering Index | Cool White: 75 |
| | Average Rated For 50,000 Hours |



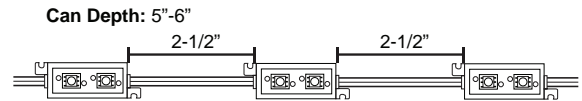
3

Styles To Choose From:

IP 65 Rated

Style 1

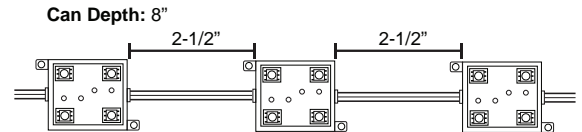
2 LED SMD5050 Modules



Module Dimensions: 1.25"L x .630"W x .393"D
20 Modules per 6 ft. length, 3 Modules per ft. (9.6 watts per length)

Style 2

4 LED SMD5050 Modules

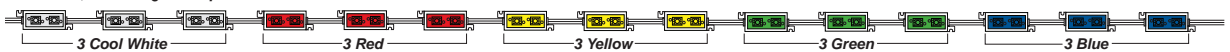


Module Dimensions: 1.22"L x 1.22"W x .393"D
20 Modules per 6 ft. length, 3 Modules per ft. (19.2 watts per length)

| STYLE | PART # | *COLOR | DESCRIPTION | LENGTH | # OF LED CHIPS | TOTAL WATTAGE |
|-------|-----------|--------------------------|----------------------|--------|----------------|------------------|
| 1 | LED-CL2-* | Cool White | 20 pc. module string | 6' | 2 | .48W/MOD 9.6W/L |
| 2 | LED-CL4-* | Red, Yellow, Green, Blue | 20 pc. module string | 6' | 4 | .96W/MOD 19.2W/L |

SAMPLE MODULES

2 Module, 6 Ft. Length Sample Shown:



Solid Colors



| STYLE | PART # | COLOR | DESCRIPTION | LENGTH | # OF LED CHIPS | TOTAL WATTAGE |
|-------|-------------|------------------------------------------------|----------------------------------------------------------|--------|----------------|------------------|
| 1 | LED-CL2-SST | 3 each of Cool White, Red, Yellow, Green, Blue | 2 module sample string w/3 pcs. of each color per string | 6' | 2 | .48W/MOD 9.6W/L |
| 2 | LED-CL4-SST | 3 each of Cool White, Red, Yellow, Green, Blue | 4 module sample string w/3 pcs. of each color per string | 6' | 4 | .96W/MOD 19.2W/L |

LED LIGHTING

12 V
Sign/Display
Material: Styrene
w/Surface Epoxy



RGB CHANNEL LETTER MODULES



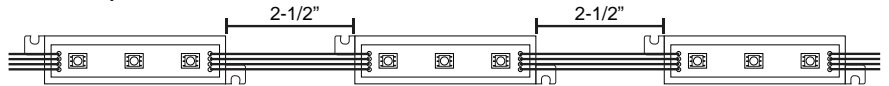
IP 65 Rated

Style 3

3 RGB LED SMD5050 Modules



Can Depth: 5"-6"



Module Dimensions: 3.19"L x .787"W x .393"D

20 Modules per 6 ft. length, 3 Modules per ft. (14.4 watts per length)

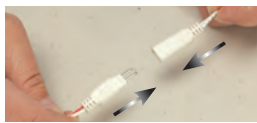
RGB Technology Allows You
Endless Possibilities of Colors

Lighting Specification

| | |
|-------------|--------------------------------|
| Beam Spread | 120° |
| Lumens | Red: 6 Green: 12 Blue: 3 |
| | Average Rated For 50,000 Hours |

| STYLE | PART # | COLOR | DESCRIPTION | LENGTH | # OF LED CHIPS | TOTAL WATTAGE |
|-------|-------------|-------|----------------------|--------|----------------|---------------------|
| 3 | LED-CL3-RGB | RGB | 20 pc. module string | 6' | 3 | .72W/MOD 14.4W/L |

7 Solid Colors



EASY CONNECTION
With our Exclusive end-to-end connector



(1) Fastens Mechanically w/screws (not supplied) or
(2) Use peel & stick tape



Power Supplies (Required)



4-1/2"L x 1-3/4"W x 1-3/16"H
3A / 12V / 36W
Input Cord: 72"
Output Cord: 60"
Color: Black



5-1/4"L x 2-1/4"W x 1-3/16"H
5A / 12V / 60W
Input Cord: 72"
Output Cord: 60"
Color: Black



6-3/8"L x 1-3/8"W x 1-1/4"H
5A / 12V / 60W HARDWIRE
Input Cord: 24"
Output Cord: 24"
Color: White

Controllers (Required) for RGB ONLY



6-Key Multi Function (Basic)
2-1/2"W x 1"H x 3-3/8"L
Female Input Cord: 18"
Male Output Cord: 18"
Color: Off White
Mounting: Screw



8-Key Multi Function (Pause)
2-1/8"W x 1"H x 4-3/8"L
Female Input Cord: 18"
Male Output Cord: 18"
Color: Black
Mounting: Screw

LED LIGHTING

CRYSTAL LIGHT BOX For Counter & Wall Mount

12 V
Sign
Material:
Clear Acrylic



Available from

8.5" x 11" to
24" x 36"

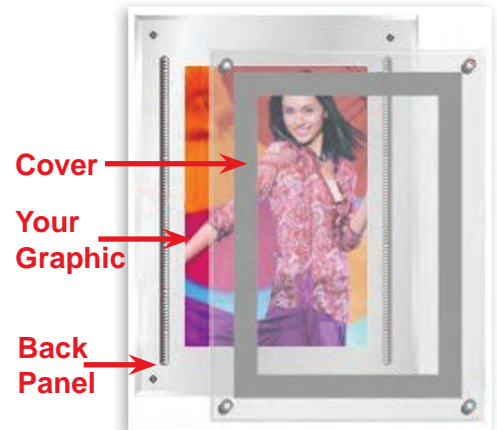
**Sleek
Thin
Design**

Plug & Play

PRODUCT FEATURES:

- Super thin under 3/8"
- Available in wall mount & counter top
- Power supply included

Remove cover to place graphic



Comes with
4 standoffs,
1/2" Dia. x
1" Long



Constant Voltage power
supply included.



Counter Top Leg
2"



Lighting Specification

| | | |
|------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color Temperature | | Cool White: 6100K |
| Warm White 1500K | Pure White 3000K 4500K | |
| Lumens | | CLB-LED-0811-W: 186 CLB-LED-1117-W: 93 CLB-LED-1620-W: 102 CLB-LED-2228-W: 121 CLB-LED-2436-W: 167 CLB-LED-0811-C: 186 CLB-LED-1117-C: 93 |
| Color Rendering Index | | Cool White: 70 |
| Constant Voltage | | Average Rated For 50,000 Hours |

| PART # | COLOR TEMP | GRAPHIC SIZE | REVEAL DIMENSIONS | OVERALL DIMENSIONS | # OF LED CHIPS | TOTAL WATTAGE |
|----------------|------------|--------------|-------------------|--------------------|----------------|---------------|
| CLB-LED-0811-W | Cool White | 8.5" x 11" | 8.26" x 10.83" | 11.42" x 13.98" | 24 | 24W |
| CLB-LED-1117-W | Cool White | 11" x 17" | 10.83" x 16.73" | 13.98" x 19.88" | 42 | 42W |
| CLB-LED-1620-W | Cool White | 16" x 20" | 15.79" x 19.8" | 18.94" x 22.95" | 54 | 54W |
| CLB-LED-2228-W | Cool White | 22" x 28" | 20.5" x 26.5" | 26.34" x 32.32" | 60 | 60W |
| CLB-LED-2436-W | Cool White | 24" x 36" | 22.5" x 34.5" | 28.35" x 34.33" | 66 | 66W |
| CLB-LED-0811-C | Cool White | 8.5" x 11" | 8.26" x 10.83" | 11.42" x 13.98" | 24 | 24W |
| CLB-LED-1117-C | Cool White | 11" x 17" | 10.83" x 16.73" | 13.98" x 19.88" | 42 | 42W |

Available for either wall mount (-w) or counter top (-c) applications.

LED LIGHTING

12 V

Sign

Material:
Aluminum Frame



ALUMINUM SNAP EASE FRONT LOADING FRAME LIGHT BOX



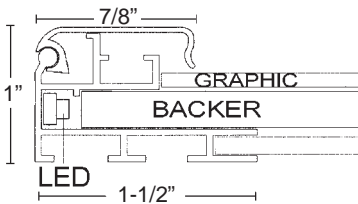
New



PRODUCT FEATURES:

- Easy front load feature
- Foam board backer included
- Comes ready to use: Mounting hardware, acrylic cover & power supply
- Plug & Play
- Pre-Assembled

COMES READY TO USE:
MOUNTING HARDWARE, ACRYLIC COVER
& POWER SUPPLY INCLUDED!



Lighting Specification

| | | |
|--------------------------------|---------------------|---------------------------------------------------------------------------------------------------------|
| Color Temperature | | Cool White: 7500K-8500K |
| Warm White 1500K | Pure White 3000K | |
| Lumens | | FLF-LED-0811: 275 FLF-LED-1117: 475 FLF-LED-1620: 625 FLF-LED-2228: 1000 FLF-LED-2436: 1250 |
| Color Rendering Index | | Cool White: 75-80 |
| Average Rated For 50,000 Hours | | |

UL Power Supply Included!



| PART # | COLOR TEMP | FINISH | GRAPHIC SIZE | REVEAL DIMENSIONS | OVERALL DIMENSIONS | # OF LED CHIPS | TOTAL WATTAGE |
|--------------|------------|--------------|--------------|-------------------|--------------------|----------------|---------------|
| FLF-LED-0811 | Cool White | Satin Silver | 8.5" x 11" | 8.08" x 10.64" | 9.84" x 12.41" | 36 | 3W |
| FLF-LED-1117 | Cool White | Satin Silver | 11" x 17" | 10.64" x 16.55" | 12.41" x 18.31" | 48 | 4W |
| FLF-LED-1620 | Cool White | Satin Silver | 16" x 20" | 15.59" x 19.61" | 17.38" x 21.39" | 66 | 6W |
| FLF-LED-2228 | Cool White | Satin Silver | 22" x 28" | 21.58" x 27.61" | 23.36" x 29.38" | 120 | 10W |
| FLF-LED-2436 | Cool White | Satin Silver | 24" x 36" | 23.78" x 37.48" | 25.56" x 37.41" | 156 | 13W |

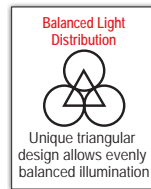
Material: Fiberglass

TRI-MOD BACKLIGHTING SYSTEM



*Ideal for Backlighting
Translucent Surfaces & Much More*

Constructed of virtually shatterproof fiberglass, each panel uses dimmable SMD3528 LED chips, and is manufactured with constant current technology, thus allowing for an approximate life expectancy of 50,000 hours with minimal to no light degradation



Just 1/16" Thick

- Evenly Illuminates without any Hot Spots
- Less than 1.5" of Installation Depth Required
- Modular, 100% Connectable System, No Soldering
- Dimmable



Three Tri-Mod Backlighting Panels

Single Sided Tri-Mod Panel

Our 1/16" thick Single Sided Tri-Mod LED Backlighting Panels are a great way to illuminate your graphics, posters and promotional messages without any hot spots for evenly balanced illumination. Offered in six different sizes, the pre-wired panels generate low heat, no UV, and are easy to install and interconnect to one another in many different configurations to accommodate almost any type of application.

See Page 719-721



Double Sided Tri-Mod Panel



In addition to the attributes of the Single Sided Tri-Mod LED Backlighting Panels, both sides of the Double Sided Panels illuminate, making them ideal for backlighting two sided signs as well as displays and room partitions.

Coming Soon



RGB Tri-Mod Panel



In addition to the attributes of the Single Sided Tri-Mod LED Backlighting Panels, the RGB Panels enable you to customize your counters and backsplashes to light up in any shade of seven different colors. The panels can be programmed to remain static on any color or morph colors at variable speeds as quickly as a strobe light or as slowly as a minute and a half per color.

Coming Soon



24 V

Material: Fiberglass

TRI-MOD BACKLIGHTING SYSTEM



Each panel is only 1/16" thick!!!!

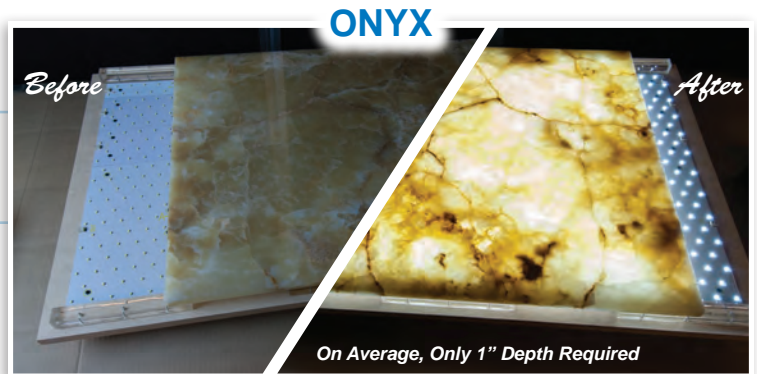


100% CONNECTABLE!
NO SOLDERING REQUIRED!

PRODUCT FEATURES:

- 3 yr. Warranty
- Energy efficient
- Manufactured with constant current technology for maximum life expectancy of 50,000 hours with minimal to no light degradation
- Virtually shatterproof fiberglass construction

Ideal For Translucent Surfaces



6 INTERLOCKING/CONNECTABLE SIZES TO CHOOSE FROM!



12" x 12" PANEL



12" x 4" PANEL



12" x 2" PANEL



12" x 2.4" PANEL

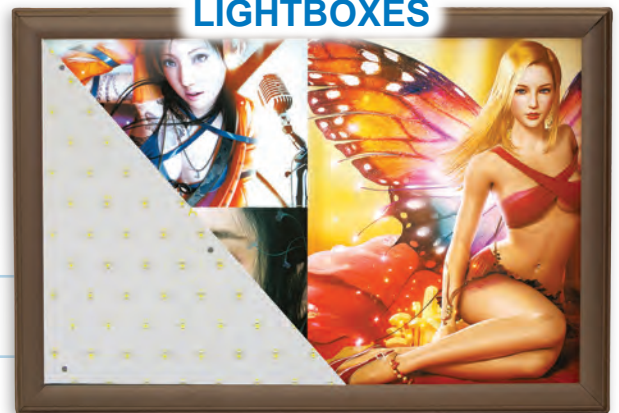


4" x 2.4" PANEL



2" x 2.4" PANEL

LIGHTBOXES



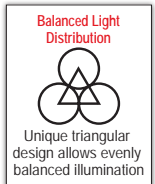
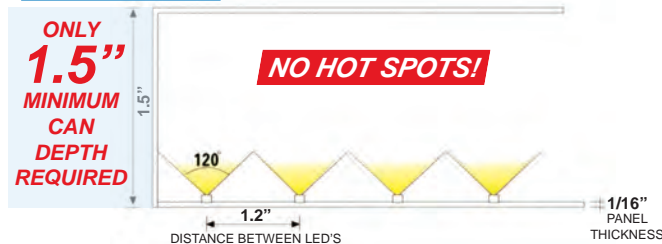
Lightbox not included

Ideal For Backlighting

Lighting Specification

| | | |
|-----------------------------------------|----------------------------------------------------------|--------------------------------|
| Color Temperature | | Cool White: 7500K |
| Warm White 1500K | Pure White 3000K 4500K | |
| Beam Spread | 120° | |
| Lumens | 720 Lumens or 5500 Lux per square foot at 1.5" can depth | |
| Color Rendering Index | Cool White: 80 | |
| Constant Current SMD3528 chip | | Average Rated For 50,000 Hours |

Product Profile:



BONUS FEATURE! MINIMAL CAN DEPTH REQUIRED AT 1.5"
No hot spots seen on the graphic! This will save money on material costs, while keeping transport costs to a minimum.

24 V

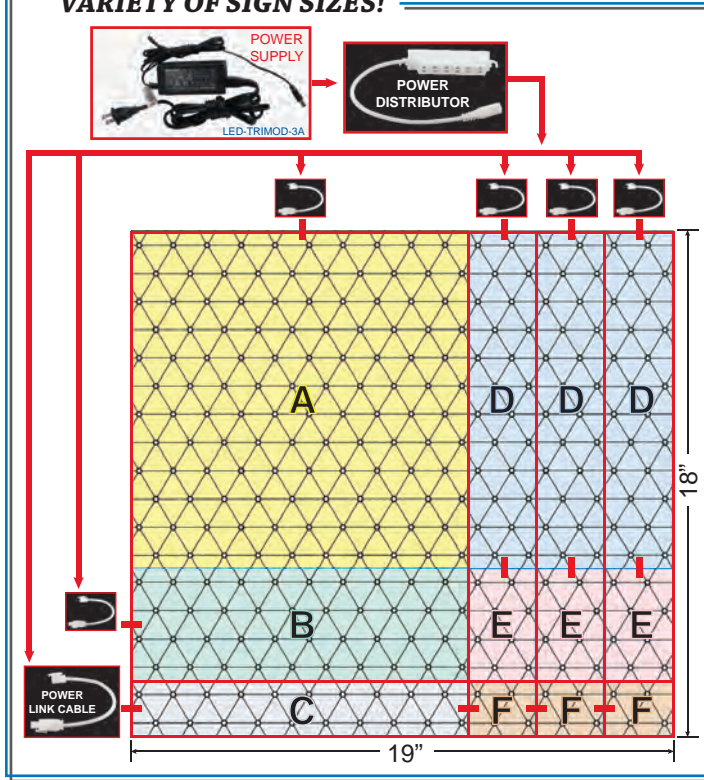
Material: Fiberglass

TRI-MOD BACKLIGHTING SYSTEM



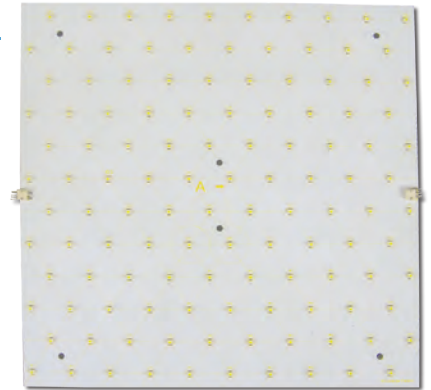
6 INTERLOCKING/CONNECTABLE SIZES TO CHOOSE FROM!

SIMPLY CONNECT FOR A VARIETY OF SIGN SIZES!



PANEL SIZES

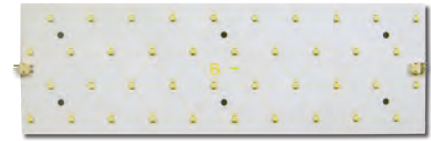
A 12" x 12" PANEL



No. LED Chips: 120 pcs.
Total Wattage: 6 watts

PART #
LED-TRIMOD-A

B 12" x 4" PANEL



No. LED Chips: 40 pcs.
Total Wattage: 2 watts

PART #
LED-TRIMOD-B

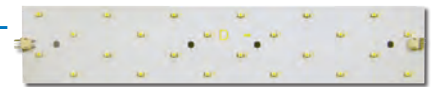
C 12" x 2" PANEL



No. LED Chips: 20 pcs.
Total Wattage: 1 watt

PART #
LED-TRIMOD-C

D 12" x 2.4" PANEL



No. LED Chips: 24 pcs.
Total Wattage: 1.2 watts

PART #
LED-TRIMOD-D

E 4" x 2.4" PANEL



No. LED Chips: 8 pcs.
Total Wattage: .4 watts

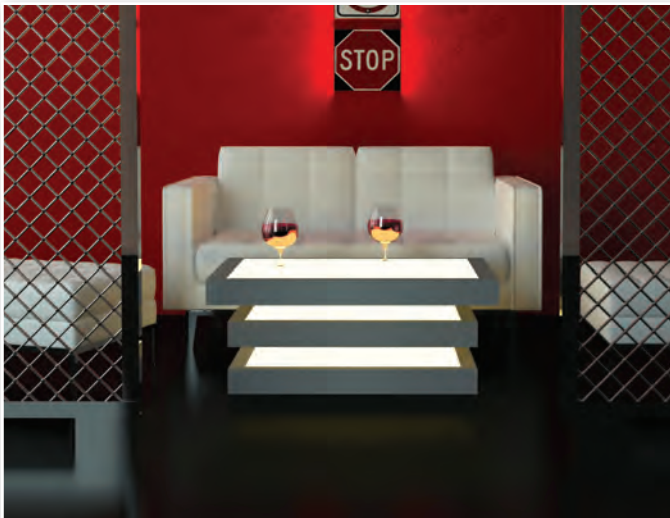
PART #
LED-TRIMOD-E

F 2" x 2.4" PANEL



No. LED Chips: 4 pcs.
Total Wattage: .2 watts

PART #
LED-TRIMOD-F



NOTE: Light panels may be securely fastened with #6 plastic washers and #6 screws, NOT INCLUDED. SEE PAGE 300

24 V

Material: Fiberglass

TRI-MOD BACKLIGHTING SYSTEM



DECORATIVE PANELS



CORIAN®



Power Supplies (Required)



LED-TRIMOD-TR-1A

3"L x 1-1/2"W x 2"H
1A / 24V / 24W
Output Cord: 72"
Color: Black



LED-TRIMOD-TR-3A

5-3/16"L x 2-3/16"W x 1-1/4"H
3A / 24V / 84W
Input Cord: 72"
Output Cord: 72"
Color: Black

Power Cables (Required)

Power Cable

Directly connects power supply to light panel.
Used only when a single run is required.

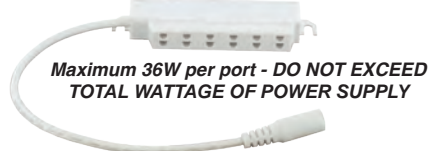


LED-TRIMOD-PWR

Length: 16"
Color: Black

6 Port Power Distributor

Connects power supply to power link cable.
Used when more than one run is required.



Maximum 36W per port - DO NOT EXCEED
TOTAL WATTAGE OF POWER SUPPLY

| PART # | LENGTH |
|------------------|--------|
| LED-TRIMOD-DIS6 | 6" |
| LED-TRIMOD-DIS18 | 18" |
| LED-TRIMOD-DIS39 | 39" |

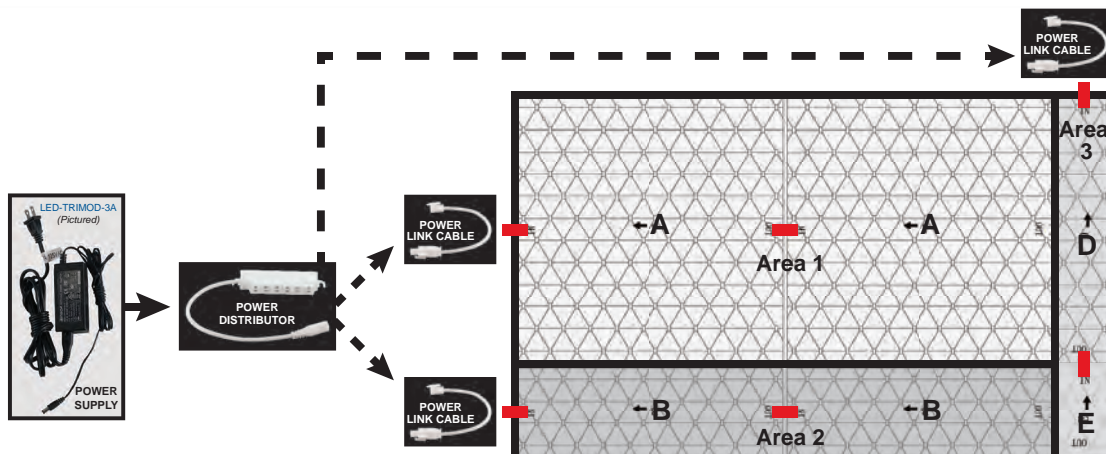
Power Link Cable

Connects from power distributor to light panel.



36W maximum per each
power link cable connected
to a power distributor

| PART # | LENGTH |
|------------------|--------|
| LED-TRIMOD-PWR6 | 6" |
| LED-TRIMOD-PWR18 | 18" |
| LED-TRIMOD-PWR39 | 39" |



Material: Optical Grade PMMA Acrylic

NOVA BACKLIGHTING SYSTEM



Wallscapes



Less Build Up... Save Time & Money

No frame or housing
Substrate can lay directly on the Nova sheet panel

Custom Program One Sheet Does It All

A revolutionary LED lighting option that will enable you to illuminate ceilings, wall & floors



Flooring



Durable... Strong...
Damp Location Option Available

Customizable

The Nova sheet can be custom manufactured in most sizes, shapes & light color options

Countertops



Even Illumination... No Dark Spots...
Illuminates Any Translucent Material

Signage



Ultra Thin...
No Required Installation Depth

Material: Optical Grade PMMA Acrylic

NOVA BACKLIGHTING SYSTEM

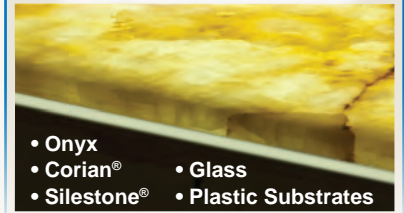


Custom Program

The Technology

Nova sheet is etched with multiple grooves using patented 3-D v-cutting technology to create a uniform matrix. The grooves are made at specific intervals according to the location of the light source and the direction of irradiation. No matter what substrate you are illuminating, we can modify the light output to achieve proper luminescence

Types of Material You Can Illuminate



- Onyx
- Corian®
- Silestone®
- Glass
- Plastic Substrates

Customizable

Any Shape & Size



Unique Drilling & Cutting

You can drill holes, cut circles, sink cutouts, outlet cutouts & screw holes anywhere on the sheets

Additional Product Features

- High brightness (2000-10,000 LUX)
- Lightweight- 2 lbs. per square foot
- Patented heat sink technology to maximize LED lifespan of 70,000 hours
- Energy saving and maintenance free
- UL recognition or approval for all customized designs
- 3 year warranty
- Tailor the light output

Mounting Options

- Mounting with pre-drilled holes
- Mounting with mirror clips
- Mounting with Z-clips

Accessories

- 5' or 10' power cord
- 2, 4 & 6 way spider cable
- 10' extension cable

Ordering Options

- **Panel Thickness:** 8MM (10MM For RGB)
- **Maximum Panel Size:** 58" x 117"- 8MM thick material only
- **Minimum Panel Size:** 2" Round or Square
- **Illuminated Option:** Single & Double Face
- **LED Location:** 1 sided, 2 sided, 4 sided or customized
- **Power Cord Exits:** Edge, Backside, middle or recessed notched
- **Dimmable:** Inline dimmer with remote control, dimming module or 60W magnetic dimmer and power supply
- **Environment:** Dry Environments are standard but if needed for a wet location, then please inquire further
- **Quoting Requirements:** DXF (CAD) and/or PDF drawings with dimensions labeled must be provided

Sample Kits

10" x 8" Sample with Power Supply

Part#: **NOVA-SAMP108-*P**

10" x 8" Sample with Power Supply & Dimmer

Part#: **NOVA-SAMP108-*D**

Cool White (*CW), Pure White (*PW), Warm White (*WW)

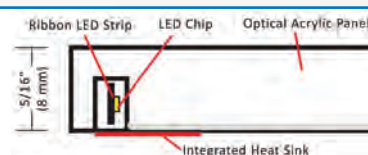


Nova Panel

Lighting Specification

| Color Temperature | | |
|-------------------------------------------------------------------------|------------|------------|
| Warm White | Pure White | Cool White |
| 1500K 3000K 4500K 6000K 7500K | | |
| Cool White: 5300K Pure White: 4100K Warm White: 3000K RGB: RGB | | |

Profile View of Nova Sheet LED Light Panel



120 V

Linear

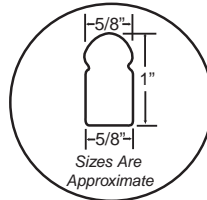
NON-NEON LIGHTING Replaces Glass Neon Tubes



PRODUCT FEATURES:

For Interior & Exterior!

- Lasts up to 100,000 hours.
- More economical option for signage and interior design.
- 100% patented.



Energy Efficient!

- This unique LED product will save you up to 70% or more on you energy costs!

Based on 300 feet length for the color Red

| Region | Glass Neon | LED Neon Flexible | Annual Savings | Cumulative Savings |
|------------------------------|------------|-------------------|----------------|---------------------------|
| USA Midwest (\$0.08/k Wh) | \$1,839.60 | \$378.40 | \$1,461.20 | \$14,612.00 (in 10 years) |

- Very low consumption - uses approximately 1.2 watts per foot or 180 watts per 150'!
- Low heat - cool to the touch!

Long Life and Durability!

- The LED's are rated to last up to 100,000 hours.
- 100% unbreakable!
- Crush resistance is rated up to well over 450 PSI.
- Unique, flexible, and soft PVC jacket, is durable and impervious to the elements.
- 100% waterproof, when properly sealed.

Superior Brightness!

- NO HOT SPOTS, uniform color and glow.
This product provides a neon and fiber optic light brightness.

Flexible and Easy to Use!

- Standard 100/120V-no drivers or transformers are necessary, just plug into the wall!
- Field cuttable. Once the product is cut the UL approval does not apply.
- Field bendable. This product can be bent to a minimum radius of 1.60".
- Various connector options are available for diverse applications.



**"A New and
Innovative Alternative
To Neon Lights!"**



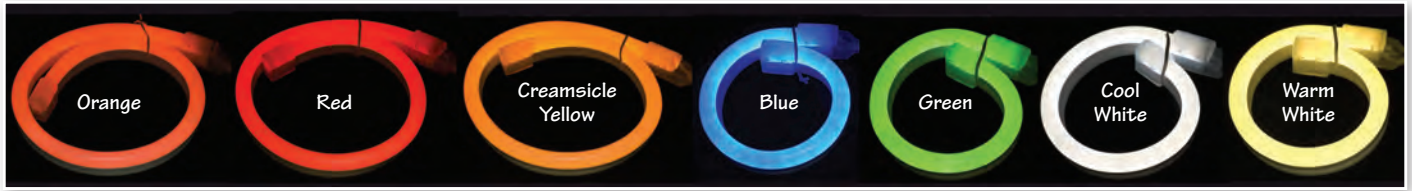
• **Field Cuttable**
See charts on next page
for cut lengths.



LED LIGHTING

120 V
Linear

NON-NEON LIGHTING Replaces Glass Neon Tubes



**“A New and
Innovative Alternative
To Neon Lights!”**

PLEASE NOTE: Photo above is for reference only.

Due to the nature of fluorescent colors, it is impossible to capture their true characteristics in printed matter. We sell 1.5 ft. and 2.5 ft. working samples for color sensitive applications.



30 FT. ROLLS INCLUDE A FACTORY SEALED POWER CONNECTOR, CORD, and END CAP

| PART # | LED BULB SPACING | WATTS PER FOOT | COLOR | CUT LENGTH |
|------------|------------------|----------------|-------------------------|------------|
| ENFX-30-OR | .50" | .96w/ft. | Orange | 2.5 ft. |
| ENFX-30-RD | .50" | 1.2w/ft. | Red | 2.5 ft. |
| ENFX-30-YE | .50" | .96w/ft. | Creamsicle Yellow | 2.5 ft. |
| ENFX-30-BL | .50" | 1.2w/ft. | Blue | 1.5 ft. |
| ENFX-30-GR | .50" | 1.2w/ft. | Green | 1.5 ft. |
| ENFX-30-CW | .50" | 1.2w/ft. | Cool White (5500-6500K) | 1.5 ft. |
| ENFX-30-WW | .50" | 1.2w/ft. | Warm White (3000-3500K) | 1.5 ft. |

150 FT. ROLLS INCLUDE 5 SETS OF ACCESSORIES AT NO ADDITIONAL CHARGE: 5 PIECES EACH OF POWER CONNECTOR, SPLICING CONNECTOR, POWER CORD, and END CAP

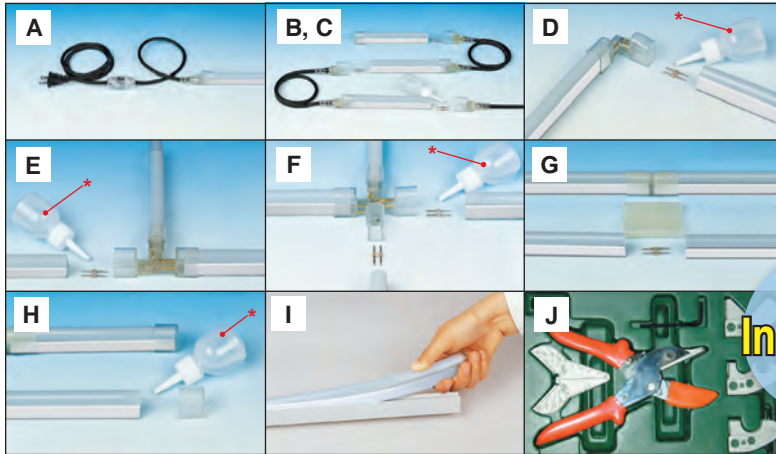
| PART # | LED BULB SPACING | WATTS PER FOOT | COLOR | CUT LENGTH |
|-------------|------------------|----------------|-------------------------|------------|
| ENFX-150-OR | .50" | .96w/ft. | Orange | 2.5 ft. |
| ENFX-150-RD | .50" | 1.2w/ft. | Red | 2.5 ft. |
| ENFX-150-YE | .50" | .96w/ft. | Creamsicle Yellow | 2.5 ft. |
| ENFX-150-BL | .50" | 1.2w/ft. | Blue | 1.5 ft. |
| ENFX-150-GR | .50" | 1.2w/ft. | Green | 1.5 ft. |
| ENFX-150-CW | .50" | 1.2w/ft. | Cool White (5500-6500K) | 1.5 ft. |
| ENFX-150-WW | .50" | 1.2w/ft. | Warm White (3000-3500K) | 1.5 ft. |

120 V
Linear

NON-NEON LIGHTING Replaces Glass Neon Tubes



| ACCESSORIES FOR NON NEON FLEXIBLE LED LIGHTING | | |
|---------------------------------------------------|-------------|------------------------------------------------------------------------------|
| PART # | DESCRIPTION | |
| A | NFX-PWR5 | 5 Ft. Long Powercord and Connector |
| B | NFX-2JN | 2 Ft. Long Middle Connector Cable |
| C | NFX-6JN | 6 Ft. Long Middle Connector Cable |
| D | NFX-2L | L Connector - 2 Way |
| E | NFX-3T | T Connector - 3 Way |
| F | NFX-4X | X Connector - 4 Way |
| G | NFX-SPL | Heat Shrink To Fit |
| H | NFX-END | End Cap |
| I | NFX-6CHAN | 6 ft. Long Aluminum Channel |
| J | CT-2000 | Multipurpose Cutter w/5 Interchangeable anvils in a convenient storage case. |



* Seal w/GE Silicone or Equivalent



**“A New and
Innovative Alternative
To Neon Lights!”**



Installation

Cutting Mark
1. Linear LED Lighting must be cut on the indicated mark.

Linear Installation
1. Aluminum Channel NFX-6CHAN.
2. Apply an adhesive silicone between the channel base on fixture housing to prevent slippage and stretching over time.

Curve Installation
1. Linear LED Lighting.
2. Pre-cut aluminum channel to 2" pcs. and screw to surface.

90° Installation
1. Linear LED Lighting.
2. Pre-cut aluminum channel to 2" pcs. and screw to surface.

180° Installation
1. Linear LED Lighting.
2. Pre-cut aluminum channel to 2" pcs. and screw to surface.

LED LIGHTING

12 V
Landscape/Social
Material:
Zinc Alloy



INDOOR/OUTDOOR SERIES Hooded Stair Lights

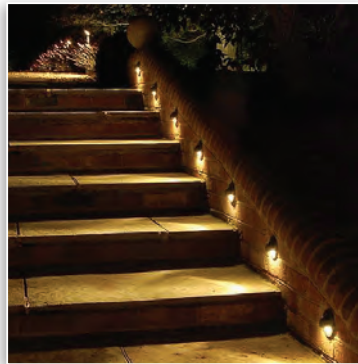


New

PERFECT FOR STAIR ILLUMINATION, WOOD DECKING & STAIR POSTS



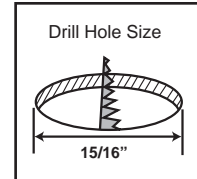
**STURDY,
ALL METAL
CONSTRUCTION**



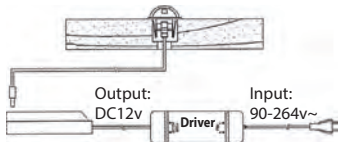
Light is shown in railroad ties

PRODUCT FEATURES:

- IP65 rated fixtures, cables & power supply
- Recessed mount
- All inclusive kit
- 220 lb. load capacity per fixture

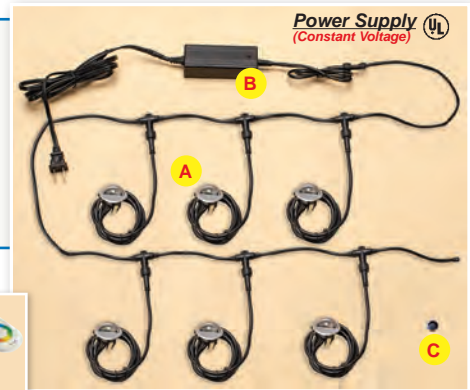


Waterproof Connection



ALL INCLUSIVE KIT

- (A) 6 light set w/36" L wire
- (B) Power Supply: 3-1/2" x 1-1/4" x 1" w/ 6' L power cable & 1' L output wire
- (C) 1 End cap
- (D) RGB controller (required for RGB only)



See below for more details



Lighting Specification

| | | |
|-------------------------------|------------|---------------------------------------------|
| Color Temperature | | Cool White: 7500K Warm White: 3300K |
| Warm White | Pure White | |
| 1500K 3000K 4500K 6000K 7500K | | |
| Beam Spread | | 180° |
| Lumens | | Cool White: 55 Warm White: 55 |
| Color Rendering Index | | Cool White: 65 Warm White: 65 RGB: 65 |
| Constant Voltage | | Average Rated For 50,000 Hours |

| PART # | COLOR TEMP | FINISH | DIAMETER | # OF LED | TOTAL WATTAGE | MAX # CAN CONNECT |
|-------------------|------------|--------|----------|------------|---------------------|-------------------|
| LED-STAIR-KIT-CW | Cool White | Silver | 1-3/8" | 6 x 1 Chip | 6 x .4W (1.6 Watts) | 18 |
| LED-STAIR-KIT-WW | Warm White | Silver | 1-3/8" | 6 x 1 Chip | 6 x .4W (1.6 Watts) | 18 |
| LED-STAIR-KIT-RGB | RGB | Silver | 1-3/8" | 6 x 1 Chip | 6 x .4W (1.6 Watts) | 18 |

Controller (Required For RGB Only)

LED-DLPRO-CTRL



15-Key Multi Function (Basic)
3"W x 1-3/8"H x 3-1/4"L
Female Input Cord: 18"
Male Output Cord: 18"
Color: Silver
Mounting: Screw

Connecting Cables (Optional)

Function: Is to allow the designer to get around unlit areas without multiple power supplies



| PART # | LENGTH | COLOR |
|-------------------|--------|-------|
| LED-STAIR-CON | 39" | Black |
| LED-STAIR-CON-RGB | 39" | Black |

End Cap (Optional)

LED-STAIR-END



9/16" Dia.
Color: Black



New

12 V
Landscape/Social
Material:
304 Stainless Steel



INDOOR/OUTDOOR SERIES Deck Pro Light

PERFECT FOR DECKS, PATIOS & PATHWAYS

Professional
Grade



PRODUCT FEATURES:

- IP67 rated fixtures, cables & power supply
- Recessed mount
- Can run up to 18 lights from included power supply
- 220 lb. load capacity per fixture



Lighting Specification

| | | |
|---------------------------------------------|--------------------------|---------------------------------------------|
| Color Temperature | | Cool White: 6000K Warm White: 3300K |
| Warm White 1500K 3000K 4500K 6000K 7500K | Pure White Cool White | |
| Beam Spread | | 180° |
| Lumens | | Cool White: 55 Warm White: 55 RGB: 55 |
| Color Rendering Index | | Cool White: 65 Warm White: 65 RGB: 65 |
| Constant Voltage | | Average Rated For 50,000 Hours |

ALL INCLUSIVE KIT

- (A) 6 light set w/39" L wire
- (B) Power Supply:
8 watt: 3-1/2" x 1-1/4" x 1"
w/ 6' L power cable & 1' L output wire
30 watt: 3-3/4" x 2-1/16" x 1-3/16"
w/ 6' L power cable & 1' L output wire
- (C) 1 End cap for cable
- (D) RGB controller
(required for RGB only)

See next page
for more details



| PART # | COLOR TEMP | FINISH | DIAMETER | # OF LED | TOTAL WATTAGE | MAX # CAN CONNECT |
|-------------------|------------|-------------------|----------|------------|---------------------|-------------------|
| LED-DLPRO-KIT-CW | Cool White | Brushed Stainless | 1-9/16" | 6 x 1 Chip | 6 x .4W (1.6 Watts) | 18 |
| LED-DLPRO-KIT-WW | Warm White | Brushed Stainless | 1-9/16" | 6 x 1 Chip | 6 x .4W (1.6 Watts) | 18 |
| LED-DLPRO-KIT-RGB | RGB | Brushed Stainless | 1-9/16" | 6 x 1 Chip | 6 x .4W (1.6 Watts) | 18 |
| LED-DLPRO-CW | Cool White | Brushed Stainless | 1-9/16" | 1 | .4W | 18 |
| LED-DLPRO-WW | Warm White | Brushed Stainless | 1-9/16" | 1 | .4W | 18 |
| LED-DLPRO-RGB | RGB | Brushed Stainless | 1-9/16" | 1 | .4W | 18 |

Power Supplies (Required)

LED-DLPRO-8W

3-1/2"L x 1-1/4"W x 1"H
350 mA / 12V / up to 8W
Input Cord: 72"
Output Cord: 12"
Color: Black



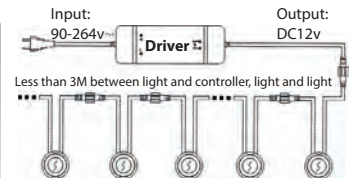
LED-DLPRO-30W

3-3/4"L x 2-1/16"W x 1-3/16"H
3A / 12V / up to 30W
Input Cord: 72"
Output Cord: 12"
Color: Black

Controller (Required For RGB Only)

LED-DLPRO-CTRL

15-Key Multi Function (Basic)
3"W x 1-3/8"H x 3-1/4"L
Female Input Cord: 18"
Male Output Cord: 18"
Color: Silver
Mounting: Screw



Connecting Cables (Optional)

Function: Is to allow the designer to get around unlit areas without multiple power supplies



| PART # | LENGTH | COLOR |
|-------------------|--------|-------|
| LED-DLPRO-CON | 39" | Black |
| LED-DLPRO-CON-RGB | 39" | Black |

End Cap (Optional)

LED-STAIR-END



9/16" Dia.
Color: Black

LED LIGHTING

12 V
Landscape/Social
Material:
Polycarbonate



OUTDOOR SERIES Economy Deck Lights



New



PRODUCT FEATURES:

- Waterproof - IP68 rated fixtures & cables
- Comes with 11" long connecting wire
- Recessed mount
- Includes screw connector
- Can run up to 20 lights off one transformer

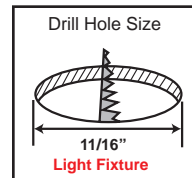
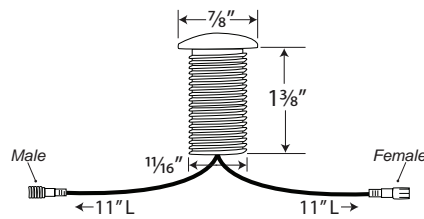
Lighting Specification

| Color Temperature | | Cool White: 6500K |
|--------------------------------|---------------------|---------------------------------|
| Warm White 1500K | Pure White 3000K | Cool White 4500K 6000K 7500K |
| Beam Spread | | 30° |
| Lumens | | Cool White: 22.5 |
| Color Rendering Index | | Cool White: 80 |
| Average Rated For 50,000 Hours | | |



Waterproof Direct Interconnection

Specs for Economy Cool White & RGB



Economy (Cool White)

LED-DLECO-CW



Color Temp: Cool White
Diameter: 7/8"
of LED: 3
Total Wattage: .3W
Max. # Can Connect: 20
Finish: White

Economy (RGB)

LED-DLECO-RGB



Color Temp: Cool White
Diameter: 7/8"
of LED: 3
Total Wattage: .3W
Max. # Can Connect: 20
Finish: White

Power Supplies (Required)

LED-DLECO-TR



Non-Waterproof



2.95"L x 1.4"W x 2.04"H
1A / 12V / 12W Max
Input Cord: 60"
Color: Black

Power Supplies (Required)

LED-DLECO-TR-RGB



Non-Waterproof



2.95"L x 1.4"W x 2.04"H
1A / 12V / 12W Max
Input Cord: 60"
Color: Black

Controller (Required For RGB Only)



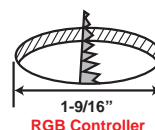
LED-DLECO-C

8-Touch Multi Function
1-3/4" O.D.
Female Input Cord: 18"
Male Output Cord: 18"
Color: Black w/Silver Ring
Mounting: Wall

RGB Controller Color Combination:

- Red • Green • Blue • Green / Red
- Red / Blue • Blue / Green
- Red / Blue / Green • Morph

Drill Hole Size



LED LIGHTING

2 V
Landscape
Material:
Glass



SOLAR POWERED ICED ROCK LANDSCAPE LIGHTS

New

PERFECT FOR LANDSCAPE, PATHWAY & DECK LIGHTING



Easy access to replaceable battery

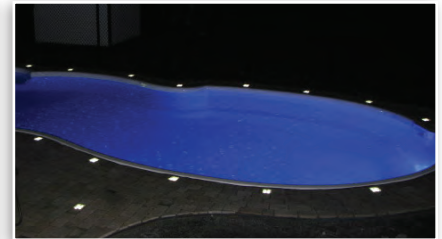
**3,300 Lb.
Load Capacity**

Fill hole with gravel and place solar light inside
DO NOT CEMENT



PRODUCT FEATURES:

- Solar powered lights are eco friendly, and has it's own solar cell
- 3,300 pound load capacity
- On/off switch
- Easily installed - no wiring required
- Holds a charge for up to 9 hours overnight & recharges during the day - one replaceable AAA 700mA NI-MH rechargeable battery included
- Easy access to replaceable battery
- For optimal RGB effect, keep battery fully charged



Can be laid on grass, sand, pebbles, etc...

Lighting Specification

| | | |
|--------------------------------|---------------------|---------------------------------------------------------------------------|
| Color Temperature | | Warm White: 333K |
| Warm White 1500K | Pure White 3000K | |
| Beam Spread | | 120° |
| Lumens | | 3" Sq. Warm White: 12 4" Sq. Warm White: 38 8" Rect. Warm White: 28 |
| Color Rendering Index | | Warm White: 75 |
| Average Rated For 50,000 Hours | | |

| PART # | COLOR TEMP | NOMINAL SIZE | # OF LED | TOTAL WATTAGE |
|--------------|------------|-----------------|----------|---------------|
| LED-SB7-WW | Warm White | 3"W x 3"L x 2"H | 1 | .2W |
| LED-SB7-RGB | RGB | 3"W x 3"L x 2"H | 1 | .2W |
| LED-SB10-WW | Warm White | 4"W x 4"L x 2"H | 4 | .5W |
| LED-SB10-RGB | RGB | 4"W x 4"L x 2"H | 4 | .5W |
| LED-SB20-WW | Warm White | 2"W x 8"L x 2"H | 3 | .4W |
| LED-SB20-RGB | RGB | 2"W x 8"L x 2"H | 3 | .4W |

2 V
Landscape
Material:
304 Stainless Steel

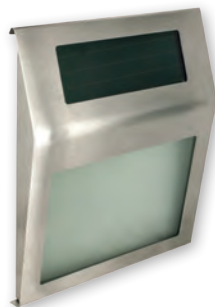


SOLAR POWERED PATHWAY LIGHT

New

Lighting Specification

| | | |
|--------------------------------|---------------------|------------------|
| Color Temperature | | Warm White: 333K |
| Warm White 1500K | Pure White 3000K | |
| Beam Spread | | 120° |
| Lumens | | Warm White: 12 |
| Color Rendering Index | | Warm White: 75 |
| Average Rated For 50,000 Hours | | |



PRODUCT FEATURES:

- Solar powered lights are eco friendly, and has it's own solar cell
- Easily installed - no wiring required
- Holds a charge for up to 9 hours overnight & recharges during the day - one replaceable AAA (700mA NI-MH) rechargeable battery included
- All mounting hardware included



| PART # | COLOR TEMP | FINISH | OVERALL SIZE | # OF LED | TOTAL WATTAGE |
|-----------|------------|-------------------|------------------------|----------|---------------|
| LED-SP-WW | Warm White | Brushed Stainless | 7" W x 8" L x 1-1/4" D | 2 | .2W |

LED LIGHTING

12 V
Landscape
Material: Aluminum

MINIDISC & MINIDISC SCOOP LIGHT™



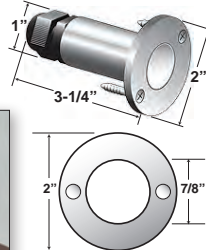
APPLICATIONS:

- ★ STEPS
- ★ AISLES
- ★ PATHS
- ★ DIRECTION LIGHTING
- ★ DECORATIVE LIGHTING
- ★ MERCHANDISING
- ★ LANDSCAPE ACCENTS
- ★ INFORMATION LIGHTING
- ★ DRIVEWAYS
(not for Scoop Light)

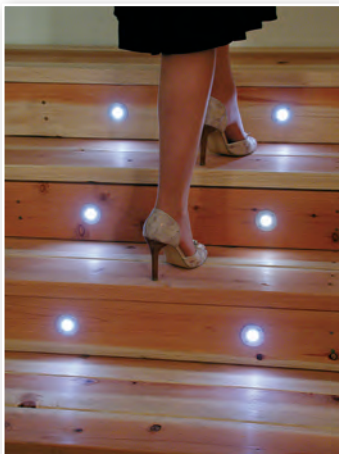
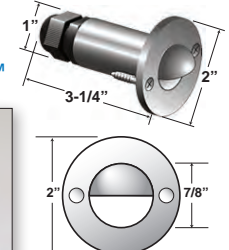
PRODUCT FEATURES:

- 60,000 hour LED life.
- Low energy consumption, .54 Watt per fixture.
- Up to 100 fixtures per power supply.
- Available in 4 finishes: Aluminum, Bronze, Black and White.
- Available in Cool White 7000K +/-200K and Warm White 3300K +/-200K.
- Green, Blue, Red and Amber LED bulbs available, please Inquire.
- Fixture is die cast aluminum providing corrosion protection, strength, weight and consistency of finish.
- Lens is frosted tempered glass.
- Fits in any 1" diameter hole, 3-1/2" long.

LED MiniDisc Light™



LED MiniDisc Scoop Light™



| PART # | LIGHT | FINISH |
|-------------|--------------------|----------|
| LEDMD-CW-AL | Cool White (7000K) | Aluminum |
| LEDMD-CW-BZ | Cool White (7000K) | Bronze |
| LEDMD-CW-WH | Cool White (7000K) | White |
| LEDMD-CW-BK | Cool White (7000K) | Black |
| LEDMD-WW-AL | Warm White (3300K) | Aluminum |
| LEDMD-WW-BZ | Warm White (3300K) | Bronze |
| LEDMD-WW-WH | Warm White (3300K) | White |
| LEDMD-WW-BK | Warm White (3300K) | Black |

| PART # | LIGHT | FINISH |
|--------------|--------------------|----------|
| LEDMDS-CW-AL | Cool White (7000K) | Aluminum |
| LEDMDS-CW-BZ | Cool White (7000K) | Bronze |
| LEDMDS-CW-WH | Cool White (7000K) | White |
| LEDMDS-CW-BK | Cool White (7000K) | Black |
| LEDMDS-WW-AL | Warm White (3300K) | Aluminum |
| LEDMDS-WW-BZ | Warm White (3300K) | Bronze |
| LEDMDS-WW-WH | Warm White (3300K) | White |
| LEDMDS-WW-BK | Warm White (3300K) | Black |

LED MINIDISC DRIVER

FOR USE WITH UP TO 100 FIXTURES OF EITHER STYLE

PART #

DESCRIPTION

LEDDR-12-60W

12V, 60W, class 2 LED Driver**
(**UL Listed for indoor and outdoor use)

LED MINIDISC ACCESSORIES

PART #

DESCRIPTION

LW-18G-CL2

Solid Core, 18G, "CL2" Listed Low Voltage Wire
Use with LED MiniDisc for all In-wall applications, indoor or outdoor.

LW-18G-BUR

Solid Core, 18G, "Direct Burial" Listed Low Voltage Wire
Use with LED MiniDisc for all applications that require wire to be buried.

LEDMD-CF

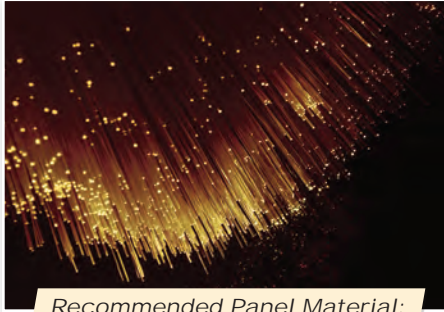
5" Long, Plastic Tube with End Caps
Use for concrete pour placement of the LED MiniDisc.

110 V
Illuminated Spaces
Material: PMMA
W or W/O Black
Polyethylene Coating



TWINKLE FIBER OPTICS

New



Recommended Panel Material:
Gloss Finish Acrylic

2 DESIGN OPTIONS End of Light & Curtain Effect

Lighting Specification

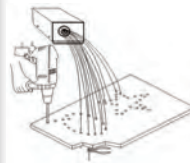
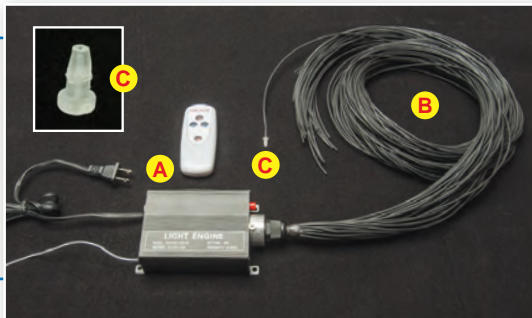
| | |
|--------------------------------|-------------------------------------|
| Beam Spread | 120° |
| Lumens | Red: 180 Green: 180 Blue: 180 |
| Average Rated For 50,000 Hours | |

PRODUCT FEATURES:

- Endless End of Light for ceiling & Curtain Effect possibilities for creating one of a kind effects
- Covers area approximately 6.5' x 6.5' (42.25 sq. ft.)
- Light engine can be set for single color, gradual change, jumping change or twinkle effects
- Fiber optic kits with black polyethylene coating are suitable for moist environments
- Star point refers to the points where the fibers come through the panel
- In End of Light applications, alternating the use of included end pieces and optional starburst end caps create a realistic night sky effect
- In Light Curtain applications, fibers can be trimmed to any point to create your desired effect

END OF LIGHT KIT

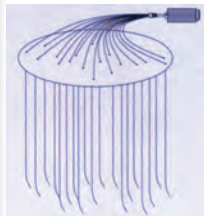
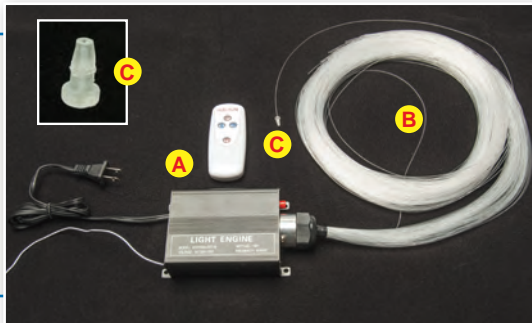
- (A) Light engine w/remote
Installation instructions included
- (B) 40 strands of fiber,
2.2mm thick
- (C) 40 end pieces



| PART # | LENGTH | # OF FIBERS | STAR POINTS PER SQ. FT. | TOTAL WATTAGE |
|-----------|--------|-------------|-------------------------|---------------|
| LED-FO-40 | 6'6" | 40 | 2 | 16W |

CURTAIN EFFECT KIT

- (A) Light engine w/remote
Installation instructions included
- (B) 120 strands of fiber,
(60) .75mm thick
(60) 1.0mm thick
- (C) 120 end pieces



| PART # | LENGTH | # OF FIBERS | STAR POINTS PER SQ. FT. | TOTAL WATTAGE |
|-----------|--------|-------------|-------------------------|---------------|
| LED-FO-60 | 6'6" | 120 | 6 | 16W |

Starburst End Cap (Optional)



LED-FO-STAR

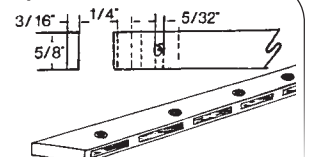
Optic Comb (Optional)



For Use With
Certain Effect Kit

LED-FO-COMB

30"L x 3/16"W x 5/8"H
Material: Linear PE Plastic
Color: Ivory



120 V
Recessed
Material:
Aluminum
& PVC



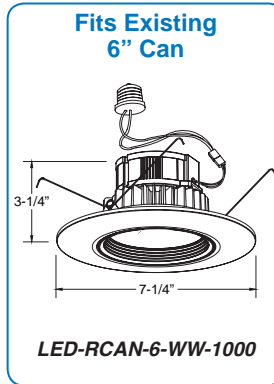
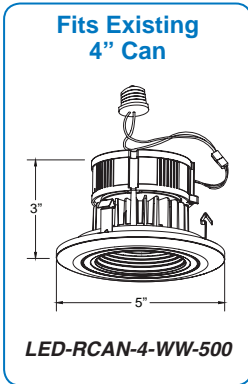
LED REPLACEMENT CAN LIGHTS



Upgrade existing cans with an energy efficient LED option!



Dimmable!



- PRODUCT FEATURES:**
- Energy Star compliant
 - Manufactured with Nichia chips
 - Low energy consumption
 - Low Heat



Lighting Specification

| | |
|------------------------------|----------------------------------------------------|
| Color Temperature | Warm White: 3000K |
| Beam Spread | 100° |
| Lumens | LED-RCAN-4-WW-500: 500 LED-RCAN-6-WW-1000: 1000 |
| Color Rendering Index | Warm White: 85 |
| Constant Current | Average Rated For 35,000 Hours |

| PART # | COLOR TEMP | DESCRIPTION | # OF LED CHIPS | TOTAL WATTAGE |
|--------------------|------------|-----------------------|----------------|---------------|
| LED-RCAN-4-WW-500 | Warm White | 4" Replacement Module | 3 | 11W |
| LED-RCAN-6-WW-1000 | Warm White | 6" Replacement Module | 5 | 15W |

LED LIGHTING

TRACK LIGHT

120 V
Track
Material:
Metal



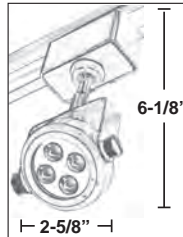
PRODUCT FEATURES:

- Allows you to add LED track heads to any existing Halo track system
- Rotates 360°
- Equivalent to 35W halogen MR16 bulb
- Track head has built-in power supply



Lighting Specification

| Color Temperature | | | Cool White: 4500K |
|-----------------------|------------|-------------------|--------------------------------|
| Warm White | Pure White | Cool White | |
| 1500K | 3000K | 4500K 6000K 7500K | |
| Beam Spread | | | 35° |
| Lumens | | | Cool White: 245 |
| Color Rendering Index | | | Cool White: 80 |
| | | | Average Rated For 50,000 Hours |

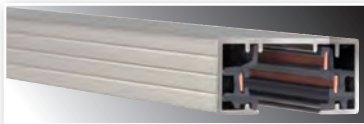


| PART # | COLOR TEMP | FINISH | # OF LED CHIPS | TOTAL WATTAGE |
|--------------|------------|--------------|----------------|---------------|
| LED-4TLIG-SN | Cool White | Satin Nickel | 4 | 4 x 1W (4W) |

ACCESSORIES



TRACK (Halo Compatible)



Track supplied with 2 end caps per length

| PART # | DESCRIPTION |
|----------------|----------------------------|
| LED-TRACK-SN-6 | 6' Satin Nickel 120V Track |
| LED-TRACK-SN-8 | 8' Satin Nickel 120V Track |

"L" LEFT/RIGHT ANGLE CONNECTOR



Used to join two track sections to make a 90° angle

| PART # | COLOR |
|-------------|--------------|
| LED-LCON-SN | Satin Nickel |

FLOATING CANOPY



Connects to outlet box allowing track to be powered anywhere along the length of the track.

| PART # | COLOR |
|---------------|--------------|
| LED-FLOCAN-SN | Satin Nickel |

LIVE END CONNECTOR



Used for direct wiring from conduit through the ceiling.

| PART # | COLOR |
|---------------|--------------|
| LED-LIVEND-SN | Satin Nickel |

STRAIGHT LINE POWER CONNECTOR



Used to supply power from the source at the junction of two tracks.

| PART # | COLOR |
|---------------|--------------|
| LED-STRCON-SN | Satin Nickel |

LED LIGHTING

120 V
Track
Material:
Aluminum



TRACK LIGHT



LED-TL5-*



LED-TL7-*



LED-TL9-*

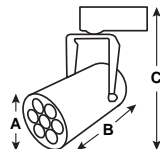
PRODUCT FEATURES:

- Has built in UL listed power supply
- Allows you to add LED track heads to any existing halo track system
- Rotates 360°
- High lumen output
- Economical



Lighting Specification

| Color Temperature | |
|---------------------------------------------|--------------------------------|
| Warm White 1500K 3000K 4500K 6000K 7500K | Cool White: 6500K |
| Beam Spread | 30° |
| Lumens | 5W: 450 7W: 630 9W: 810 |
| Color Rendering Index | Cool White: 85 |
| Constant Voltage | Average Rated For 30,000 Hours |



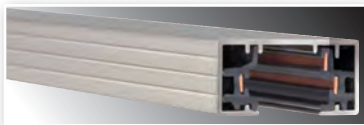
| PART # | A | B | C |
|-----------|--------|--------|--------|
| LED-TL5-* | 2-3/4" | 4-3/4" | 8-3/8" |
| LED-TL7-* | 2-3/4" | 4-3/4" | 8-3/8" |
| LED-TL9-* | 3-7/8" | 6-1/8" | 9-1/2" |

| PART # | COLOR TEMP | FINISH | # OF LED CHIPS | TOTAL WATTAGE |
|---------------|------------|--------|----------------|---------------|
| LED-TL5-BK-CW | Cool White | Black | 5 | 5W |
| LED-TL5-WH-CW | Cool White | White | 5 | 5W |
| LED-TL7-BK-CW | Cool White | Black | 7 | 7W |
| LED-TL7-WH-CW | Cool White | White | 7 | 7W |
| LED-TL9-BK-CW | Cool White | Black | 9 | 9W |
| LED-TL9-WH-CW | Cool White | White | 9 | 9W |

ACCESSORIES



TRACK (Halo Compatible)



Track supplied with 2 end caps per length

| PART # | DESCRIPTION |
|----------------|---------------------|
| LED-TRACK-BK-6 | 6' Black 120V Track |
| LED-TRACK-WH-6 | 6' White 120V Track |
| LED-TRACK-BK-8 | 8' Black 120V Track |
| LED-TRACK-WH-8 | 8' White 120V Track |

"L" LEFT/RIGHT ANGLE CONNECTOR



Used to join two track sections to make a 90° angle

| PART # | COLOR |
|-------------|-------|
| LED-LCON-BK | Black |
| LED-LCON-WH | White |

FLOATING CANOPY



Connects to outlet box allowing track to be powered anywhere along the length of the track.

| PART # | COLOR |
|---------------|-------|
| LED-FLOCAN-BK | Black |
| LED-FLOCAN-WH | White |

LIVE END CONNECTOR



Used for direct wiring from conduit through the ceiling.

| PART # | COLOR |
|---------------|-------|
| LED-LIVEND-BK | Black |
| LED-LIVEND-WH | White |

STRAIGHT LINE POWER CONNECTOR



Used to supply power from the source at the junction of two tracks.

| PART # | COLOR |
|---------------|-------|
| LED-STRCON-BK | Black |
| LED-STRCON-WH | White |

HALOGEN LIGHTING

LINE AND LOW VOLTAGE LIGHTS

HALO COMPATIBLE


120 V
Track
Material:
Aluminum w/Steel



- Line and low voltage heads can be mixed together on one track
- Low voltage heads have built-in electronic transformers with all polycarbonate plastic housings
- Line and low voltage heads are compatible with most regular incandescent dimmers




• These fixtures do not use a transformer, and work with screw-in PAR type bulbs



WL-H703*
Use with a PAR-30 bulb (100 Watt max.)
Dimensions:
A = 6-1/2"
B = 4-1/2"
C = 9-1/2"

***COLOR OPTIONS**


Black (BK) or White (WH)



WL-H718*
Use with a PAR-30 bulb (100 Watt max.)
Dimensions:
A = 7"
B = 4-1/2"
C = 9"

***COLOR OPTIONS**


Black (BK) or White (WH)



WL-H178B*
Use with a PAR-20 bulb (75 Watt max.)
Dimensions:
A = 2"
B = 1-3/4"
C = 3-1/2"

***COLOR OPTIONS**

Black (BK) or White (WH)



WL-H763*
Use with a PAR-20 bulb (50 Watt max.)
Dimensions:
A = 4-1/8"
B = 2-3/4"
C = 7-1/4"

***COLOR OPTIONS**

Black (BK) or White (WH)



WL-H793-AB
Antique Bronze
Use with a PAR-20 bulb (50 Watt max.)
*** PAR-30 & PAR-38 also available, please inquire.**
Dimensions:
A = 5-1/2"
B = 4-1/4"
C = 8-1/8"




WL-H799-AB
Antique Bronze
Use with a PAR-38 bulb (150 Watt max.)
*** PAR-20 & PAR-30 also available, please inquire.**
Dimensions:
A = 7-3/4"
B = 6-1/8"
C = 10-5/8"



Lamps Sold Separately
PAR-20 PAR-30 PAR-38
See series #4 on page 742 for more options and details.

12 V
Track
Material:
Aluminum w/Steel


• These fixtures use a built-in electronic transformer, and work bi-pin MR 16 type bulbs



WL-H809*
Use with an Unlensed MR16 bulb (50 Watt max.)
Dimensions:
A = 3-1/8"
B = 2-1/4"
C = 5-1/4"

***COLOR OPTIONS**

Black (BK) or White (WH)



WL-H180*
Use with an Unlensed MR16 bulb (50 Watt max.)
Dimensions:
A = 4"
B = 2-1/8"
C = 5-5/8"

***COLOR OPTIONS**

Black (BK) or White (WH)



WL-H204*
Use with MR16 bulb (50 Watt max.)
Dimensions:
A = N/A
B = N/A
C = 25-13/16"

***COLOR OPTIONS**

Black (BK) or White (WH)
Brush Nickel (BN)



Lamps Sold Separately
MRE-11(20W) MRE-16(50W)
See series #3 on page 742 for more options and details.

Juno or Lightolier compatible fixtures are available on request, please inquire.

HALOGEN LIGHTING

120 V/12 V

Track

Material: PVC

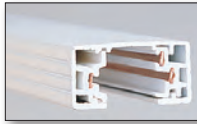


LINE AND LOW VOLTAGE LIGHTS



***COLORS AVAILABLE:** Black (BK), White (WH), Antique Bronze (AB), Brushed Nickel (BN)

1. Track and Power Connectors



TRACK

- 2 end caps supplied with each length.
- Can be installed on sheetrock, plaster, wood or suspended ceilings.
- Field cuttable.

| PART # | LENGTH |
|----------------------|--------|
| WL-HT6-*(BK) or (WH) | 6' |
| WL-HT6-*(AB) or (BN) | 6' |
| WL-HT8-*(BK) or (WH) | 8' |
| WL-HT8-*(AB) or (BN) | 8' |



FLOATING CANOPY

- Connects to outlet box allowing track to be powered anywhere along the length of the track.

| PART # |
|----------------------|
| WL-HFC-*(BK) or (WH) |
| WL-HFC-*(AB) or (BN) |



LIVE END CONNECTOR

- Used for direct wiring from conduit through the ceiling.

| PART # |
|----------------------|
| WL-HLE-*(BK) or (WH) |
| WL-HLE-*(AB) or (BN) |

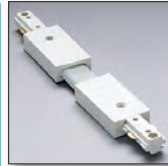
2. Track Joiners with Power Connectors



STRAIGHT LINE POWER CONNECTOR

- Used to supply power from the source at the junction of two tracks.

| PART # |
|-------------------------|
| WL-HI-PWR-*(BK) or (WH) |
| WL-HI-PWR-*(AB) or (BN) |



FLEXIBLE TRACK CONNECTOR

- Connects two track sections at variable angles from 60° to 180°.

| PART # |
|-----------------------|
| WL-HFLX-*(BK) or (WH) |
| WL-HFLX-*(AB) or (BN) |



"T" 3-WAY CONNECTOR

- Used to join three track sections to make a "T" configuration.

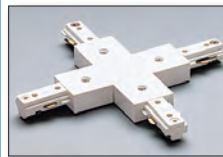
| PART # |
|---------------------|
| WL-HT-*(BK) or (WH) |
| WL-HT-*(AB) or (BN) |



"L" LEFT/RIGHT ANGLE CONNECTOR

- Used to join two track sections to make a 90° angle.

| PART # |
|---------------------|
| WL-HL-*(BK) or (WH) |
| WL-HL-*(AB) or (BN) |



"X" 4-WAY CONNECTOR

- Used to join four track sections to make a "X" configuration.

| PART # |
|---------------------|
| WL-HX-*(BK) or (WH) |
| WL-HX-*(AB) or (BN) |



15' PLUG-IN POWER CORD

- Used with any power connector to wire a section of track as a portable unit.

| PART # | COLOR |
|-------------|-------|
| WL-HCORD-BK | Black |
| WL-HCORD-WH | White |

3. Track Joiners w/out Power Connectors



STRAIGHT LINE CONNECTOR

- Used to join two sections of track.

| PART # |
|---------------------|
| WL-HI-*(BK) or (WH) |
| WL-HI-*(AB) or (BN) |



DEAD END STRAIGHT LINE CONNECTOR

- Used as connector where power in not to go through.

| PART # |
|-------------------------|
| WL-HI-DEC-*(BK) or (WH) |
| WL-HI-DEC-*(AB) or (BN) |

4. Track Suspension and Track Head Extensions



CUSTOM EXTENDED TRACKHEADS

- Extend drop of trackheads. Only available as a complete unit. Will be made per order at factory. 6", 12", 18", 24", 36", & 48" extensions are available. No minimum order required. Call for quotation.



SUSPENSION KITS

- Supports the weight of the track. Parts & instructions included.

| PART # | SIZE |
|-----------------------|------|
| WL-SK18-*(BK) or (WH) | 18" |
| WL-SK18-*(AB) or (BN) | 18" |
| WL-SK24-*(BK) or (WH) | 24" |
| WL-SK24-*(AB) or (BN) | 24" |
| WL-SK36-*(BK) or (WH) | 36" |
| WL-SK36-*(AB) or (BN) | 36" |
| WL-SK48-*(BK) or (WH) | 48" |
| WL-SK48-*(AB) or (BN) | 48" |

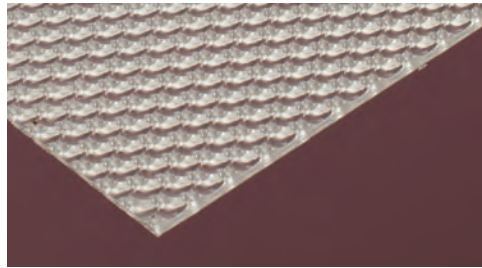
Our selection is HALO COMPATIBLE; Juno or Lightolier compatible fixtures are available on request, please inquire.

LUMINOUS CEILING PANELS

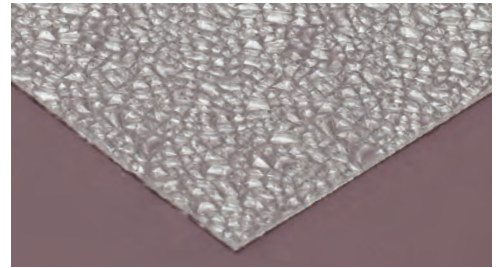
- MADE OF ACRYLIC OR STYRENE PLASTIC • AVAILABLE BY SHEET OR CASE
- SHEET SIZE: 2' x 4' • DURABLE AND ECONOMICAL • VARIETY OF PATTERNS TO CHOOSE FROM



See pages 767-768 for additional Luminous Ceiling Tiles



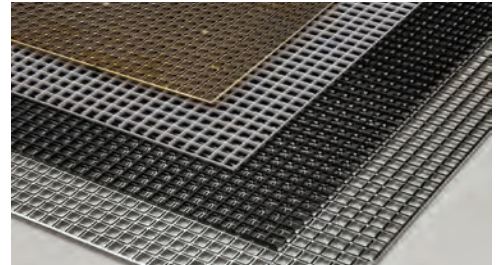
PRISMATIC
Clear or White



CRACKED ICE
Clear or White



FLAT MIST WHITE



EGG CRATE LOUVER
White, Black, Brass or Chrome

GENERAL GRADE STYRENE

| PART # | PATTERN | COLOR | MATERIAL | PANEL THICKNESS | SHEETS PER CASE |
|----------|-------------|-------|----------|-----------------|-----------------|
| S14-P2CL | Prismatic | Clear | Styrene | .085 | 20 |
| S14-P2WH | Prismatic | White | Styrene | .085 | 20 |
| S14-P1CL | Prismatic | Clear | Styrene | .095 | 20 |
| S14-PIWH | Prismatic | White | Styrene | .095 | 20 |
| S14-C1CL | Cracked Ice | Clear | Styrene | .070 | 25 |
| S14-C1WH | Cracked Ice | White | Styrene | .070 | 25 |
| S14-F1WH | Flat | White | Acrylic | .040 | 30 |

CRYSTAL CLEAR ACRYLIC PRISMATIC

UV STABILIZED - THE ULTIMATE LIGHT DIFFUSER!

| PART # | PATTERN | COLOR | MATERIAL | PANEL THICKNESS | SHEETS PER CASE |
|----------|-------------|-------|----------|-----------------|-----------------|
| S14-A1CL | Economy | Clear | Acrylic | .100 | 20 |
| S14-A3CL | Residential | Clear | Acrylic | .125 | 20 |
| S14-A4CL | Commercial | Clear | Acrylic | .156 | 20 |

WILL NOT SAG!

EGG CRATE LOUVER

| PART # | PATTERN | COLOR | MATERIAL | PANEL THICKNESS | SHEETS PER CASE |
|--------|--------------------------------------|--------|----------|-----------------|-----------------|
| L2-BK | Egg Crate Louver 5/8" x 5/8" x 3/8" | Black | Styrene | 3/8" | 15* |
| L2-WH | Egg Crate Louver 5/8" x 5/8" x 3/8" | White | Styrene | 3/8" | 15* |
| L2-BR | Parabolic Louver 1/2" x 1/2" x 5/16" | Brass | Styrene | 7/16" | 10** |
| L2-CH | Parabolic Louver 1/2" x 1/2" x 5/16" | Chrome | Styrene | 7/16" | 10** |

FLUORESCENT LIGHT LENSES

New



PRODUCT FEATURES:

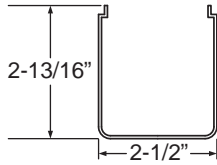
- Most popular replacement wrap around lenses for fluorescent fixtures
- Acrylic lenses will not yellow with age
- Many other profiles available, please inquire
- Other colors available, please inquire

Ordering Options

- To ensure accuracy, fax over sketches from existing lenses
- **Small samples available of products on this page**

FLL-711-4

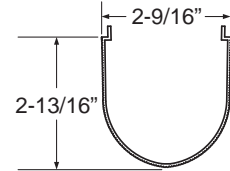
Material: Acrylic • **Color:** White Smooth



| PART # | LENGTH | CARTON QTY. |
|-----------|----------|-------------|
| FLL-711-4 | 48-1/16" | 32 |

FLL-709-4

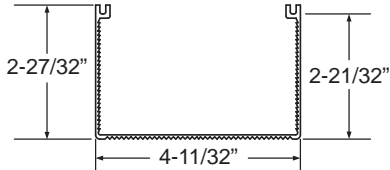
Material: Acrylic • **Color:** Clear Ribbed



| PART # | LENGTH | CARTON QTY. |
|-----------|----------|-------------|
| FLL-709-4 | 48-1/16" | 32 |

FLL-710-4

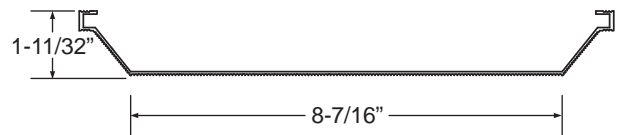
Material: Acrylic • **Color:** Clear Prism



| PART # | LENGTH | CARTON QTY. |
|-----------|---------|-------------|
| FLL-710-4 | 47-7/8" | 16 |

FLL-590-4

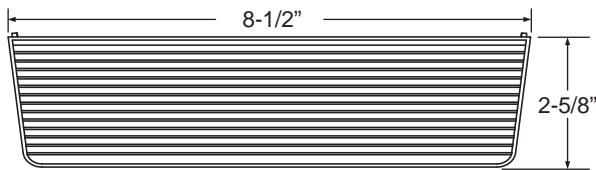
Material: Acrylic DR • **Color:** Clear



| PART # | LENGTH | CARTON QTY. |
|-----------|---------|-------------|
| FLL-590-4 | 47-7/8" | 20 |

FLL-888-4

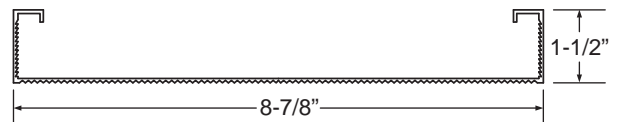
Material: Acrylic • **Color:** Clear w/ Endcap



| PART # | LENGTH | CARTON QTY. |
|-----------|----------|-------------|
| FLL-888-4 | 48-1/16" | 16 |

FLL-811-4

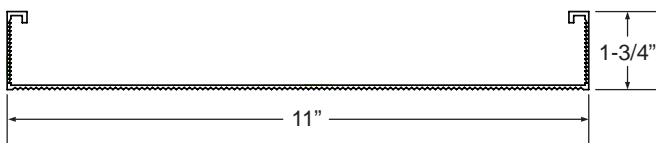
Material: Acrylic • **Color:** Clear Embossed



| PART # | LENGTH | CARTON QTY. |
|-----------|-----------|-------------|
| FLL-811-4 | 47-27/32" | 16 |

FLL-591-4

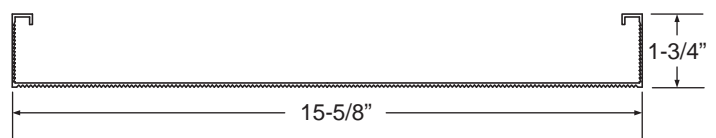
Material: Acrylic • **Color:** Clear



| PART # | LENGTH | CARTON QTY. |
|-----------|---------|-------------|
| FLL-591-4 | 47-7/8" | 12 |

FLL-592-4

Material: Acrylic • **Color:** Clear



| PART # | LENGTH | CARTON QTY. |
|-----------|---------|-------------|
| FLL-592-4 | 47-7/8" | 12 |

LED BULBS



12 V / 24 V / 120 V

Bulbs

LED PAR 20



Lighting Specification

| | |
|------------------------------|----------------------------------------|
| Color Temperature | Cool White: 6000K Warm White: 3000K |
| Beam Spread | 24° |
| Lumens | Cool White: 240 Warm White: 200 |
| Color Rendering Index | Cool White: 75 Warm White: 75 |
| | Average Rated For 20,000 Hours |

8W LED= 35W Par 20 Halogen

PART # COLOR BASE WATTS

| | | | |
|----------------|------------|-----|----|
| LED-PAR20TL-DL | Day Light | E26 | 8W |
| LED-PAR20TL-WW | Warm White | | |

LED PAR 30



Lighting Specification

| | |
|------------------------------|----------------------------------------|
| Color Temperature | Cool White: 6000K Warm White: 3000K |
| Beam Spread | 24° |
| Lumens | Cool White: 480 Warm White: 400 |
| Color Rendering Index | Cool White: 75 Warm White: 75 |
| | Average Rated For 20,000 Hours |

13W LED= 35W Par 30 Halogen

PART # COLOR BASE WATTS

| | | | |
|----------------|------------|-----|-----|
| LED-PAR30TL-DL | Day Light | E26 | 13W |
| LED-PAR30TL-WW | Warm White | | |

LED PAR 38



Lighting Specification

| | |
|------------------------------|----------------------------------------|
| Color Temperature | Cool White: 6000K Warm White: 3000K |
| Beam Spread | 24° |
| Lumens | Cool White: 640 Warm White: 560 |
| Color Rendering Index | Cool White: 75 Warm White: 75 |
| | Average Rated For 20,000 Hours |

18W LED= 45W Par 38 Halogen

PART # COLOR BASE WATTS

| | | | |
|----------------|------------|-----|-----|
| LED-PAR38TL-DL | Day Light | E26 | 18W |
| LED-PAR38TL-WW | Warm White | | |

LED PAR 30 (Dimmable)



Lighting Specification

| | |
|------------------------------|------------------------------------------|
| Color Temperature | Warm White: 3000K |
| Beam Spread | LED-PAR30D-NF: 25° LED-PAR30D-FL: 40° |
| Lumens | LED-PAR30D-NF: 480 LED-PAR30D-FL: 480 |
| Color Rendering Index | Warm White: 80 |
| | Average Rated For 40,000 Hours |

IP65, suitable in damp locations with proper installation.

9W LED= 35W Par 30 Halogen

PART # COLOR BASE WATTS

| | | | |
|---------------|------------|-----|----|
| LED-PAR30D-NF | Warm White | E26 | 9W |
| LED-PAR30D-FL | | | |

LED PAR 38 (Dimmable)



Lighting Specification

| | |
|------------------------------|------------------------------------------|
| Color Temperature | Warm White: 3000K |
| Beam Spread | LED-PAR38D-NF: 25° LED-PAR38D-FL: 40° |
| Lumens | LED-PAR38D-NF: 610 LED-PAR38D-FL: 610 |
| Color Rendering Index | Warm White: 80 |
| | Average Rated For 40,000 Hours |

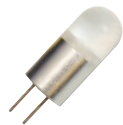
IP65, suitable in damp locations with proper installation.

11W LED= 50W Par 38 Halogen

PART # COLOR BASE WATTS

| | | | |
|---------------|------------|-----|-----|
| LED-PAR38D-NF | Warm White | E26 | 11W |
| LED-PAR38D-FL | | | |

LED JC BI-PIN



Lighting Specification

| | |
|------------------------------|----------------------------------|
| Lumens | Cool White: 35 Warm White: 30 |
| Color Rendering Index | Cool White: 75 Warm White: 75 |
| | Average Rated For 35,000 Hours |



0.6W= 3W JC Bi-Pin

PART # COLOR BASE WATTS VOLT

| | | | | |
|-------------|------------|----|------|-----|
| LED-JC-12CW | Cool White | G4 | 0.6W | 12V |
| LED-JC-12WW | Warm White | | | |

LED WEDGE BASE



Lighting Specification

| | |
|------------------------------|--------------------------------|
| Color Temperature | Warm White: 3000K |
| Lumens | Warm White: 25 |
| Color Rendering Index | Warm White: 72 |
| | Average Rated For 30,000 Hours |



0.7W= 3W Wedge

PART # COLOR BASE WATTS VOLT

| | | | | |
|-------------|------------|-------|------|-----|
| LED-WEDGE24 | Warm White | Wedge | 0.7W | 24V |
|-------------|------------|-------|------|-----|

LED M16 MULTI BEAM



Lighting Specification

| | |
|------------------------------|--------------------------------|
| Color Temperature | Warm White: 3000K |
| Beam Spread | 15° - 40° |
| Lumens | Warm White: 55 |
| Color Rendering Index | Warm White: 75 |
| | Average Rated For 25,000 Hours |

Adjustable Dial For Multiple Beam Angles: 15°, 20°, 25°, 30°, 35°, 40°

2W= 5W Halogen

PART # COLOR BASE WATTS VOLT

| | | | | |
|----------------|------------|-------|----|------|
| LED-MR16-MULTI | Warm White | GU5.3 | 2W | 120V |
|----------------|------------|-------|----|------|

LED BULBS

12 V / 120 V
Bulbs

BI-PIN, MRE16, GU10, PAR TYPE



REPLACE YOUR INEFFICIENT HIGH HEAT HALOGEN, THAT ONLY LASTS FOR 2000 HOURS!

BI-PIN BULB (12V)

PRODUCT FEATURES:

- Economical upgrade to existing 20W Halogen

| PART # | TOTAL WATTAGE |
|------------|---------------|
| LED-G4-12V | .8W |

Lighting Specification

| | | |
|------------------------------|--|--------------------------------|
| Color Temperature | | Cool White: 6500K |
| Beam Spread | | 120° |
| Lumens | | Cool White: 80 |
| Color Rendering Index | | Cool White: 75 |
| | | Average Rated For 50,000 Hours |

New Improved

MRE16 BULBS (12V)

PRODUCT FEATURES:

- Built in heat sink
- Energy efficient

| PART # | COLOR | # OF LED CHIPS | TOTAL WATTAGE |
|------------------|------------|----------------|---------------|
| LED-MRE16-CW | Cool White | 3 x 1W | 3W |
| LED-MRE16-WW | Warm White | 3 x 1W | 3W |
| LED-MRE16-9W-CW | Cool White | 3 x 3W | 9W |
| LED-MRE16-9W-WW | Warm White | 3 x 3W | 9W |
| LED-MRE16-12W-CW | Cool White | 4 x 3W | 12W |
| LED-MRE16-12W-WW | Warm White | 4 x 3W | 12W |

Lighting Specification

| | | |
|------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------|
| Color Temperature | | Cool White: 6000K Warm White: 3000K |
| Beam Spread | | 60° |
| Lumens | | LED-MRE16-CW: 210 LED-MRE16-WW: 150 LED-MRE16-9W-CW: 810 LED-MRE16-9W-WW: 770 LED-MRE16-12W-CW: 1000 LED-MRE16-12W-WW: 950 |
| Color Rendering Index | | Cool White: 75 Warm White: 80 |
| | | Average Rated For 50,000 Hours |

New Improved

GU10 BULBS (120V)

PRODUCT FEATURES:

- Built in heat sink
- Energy efficient

| PART # | COLOR | # OF LED CHIPS | TOTAL WATTAGE |
|-----------------|------------|----------------|---------------|
| LED-GU10-WW | Warm White | 3 x 1W | 3W |
| LED-GU10-9W-CW | Cool White | 3 x 3W | 9W |
| LED-GU10-9W-WW | Warm White | 3 x 3W | 9W |
| LED-GU10-12W-CW | Cool White | 4 x 3W | 12W |
| LED-GU10-12W-WW | Warm White | 4 x 3W | 12W |

Lighting Specification

| | | |
|------------------------------|--|-----------------------------------------------------------------------------------------------------------------|
| Color Temperature | | Cool White: 6000K Warm White: 3000K |
| Beam Spread | | 60° |
| Lumens | | LED-GU10-WW: 150 LED-GU10-9W-CW: 810 LED-GU10-9W-WW: 770 LED-GU10-12W-CW: 1000 LED-GU10-12W-WW: 950 |
| Color Rendering Index | | Cool White: 75 Warm White: 80 |
| | | Average Rated For 50,000 Hours |

PAR BULBS

PRODUCT FEATURES:

- Ultra bright
- Built in heat sink
- Economical
- Long lasting
- Low wattage



| PART # | COLOR | # OF LED CHIPS | TOTAL WATTAGE |
|--------------|------------|----------------|---------------|
| LED-PAR20-CW | Cool White | 5 | 5 x 1W |
| LED-PAR30-CW | Cool White | 9 | 9 x 1W |
| LED-PAR30-WW | Warm White | 9 | 9 x 1W |
| LED-PAR38-CW | Cool White | 15 | 15 x 1W |
| LED-PAR38-WW | Warm White | 15 | 15 x 1W |

Lighting Specification

| | | |
|------------------------------|--|-------------------------------------------|
| Color Temperature | | Cool White: 6000K Warm White: 3000K |
| Beam Spread | | Par 20: 26° Par 30: 20° Par 38: 26° |
| Lumens | | Cool White: 210 Warm White: 150 |
| Color Rendering Index | | Cool White: 75 Warm White: 80 |
| | | Average Rated For 10,000 Hours |



PAR20

5 LED x 1W
3-1/2" HT. 2-1/2" Dia.



PAR30

9 LED x 1W
3-1/2" HT. 3-11/16" Dia.



PAR38

15 LED x 1W
5-1/4" HT. 4-3/4" Dia.

HALOGEN / XENON BULBS

12 V / 120 V
Bulbs

BI-PIN, MRE16, PAR TYPE

Series 1: HALOGEN BI-PINS

USE WITH THE FOLLOWING PRODUCT GROUPS OR PART#S:
Tech Lighting Pendant/Fixtures For Monorail, Freejack & Wall Collection, Low Voltage Track, Hera Low Voltage Under Cabinet Lighting, UCL* Economy Undercabinet Lighting, Maxilight, CHU* Connectable Undercabinet Lighting, WAC Light Bars, Ecostrip.

OPI ECONOMY LAMPS *

| PART # | BASE | WATTS | VOLTS | AVERAGE RATED BULB LIFE ** | LUMENS | CASE QTY. |
|--------|----------|-------|-------|----------------------------|--------|-----------|
| HE-10W | 2-PIN G4 | 10W | 12V | 2000 hrs. | 120 | 48 |
| HE-20W | 2-PIN G4 | 20W | 12V | 2000 hrs. | 320 | 48 |



Series 2: XENON BI-PIN

Replace any matching halogen bulb with our new xenon bulb. It will burn cooler, longer, and produce a whiter light than halogen. This xenon bulb does not require special handling or additional glass coverings like halogen bulbs do.



| PART # | BASE | WATTS | VOLTS | AVERAGE RATED BULB LIFE ** | LUMENS | CASE QTY. |
|------------|----------|-------|-------|----------------------------|--------|-----------|
| X-20W-LO-4 | 2-PIN G4 | 20W | 12V | 5000 hrs. | 280 | 20 |

Series 3: MR11/MR16 HALOGEN

USE WITH THE FOLLOWING PRODUCT GROUPS OR PART#S: WAC Low Voltage Track Heads & Exhibit Lights, CLS* Cable Light Systems, Ambiance LX & Ambiance MX, Flex Line Kits, Inteltrax, DWL* Downlights, Recessed Lighting, Truss Track System, Hera Undercabinet Lighting, Graphics Projection Light, Galaxy Fiber Optic Systems.



| MR11 | | | | | | |
|--------|----------|-------|-------|----------------------------|----------------------------------|-----------|
| PART # | BASE | WATTS | VOLTS | AVERAGE RATED BULB LIFE ** | MANUFACTURER DESCRIPTION | CASE QTY. |
| MRE-11 | 2-PIN G4 | 20W | 12V | 2000 hrs. | OPI Economy Narrow Flood 24° FTD | 24 |

| MR16 | | | | | | |
|--------|-------|-------|-------|----------------------------|---------------------------|-----------|
| PART # | BASE | WATTS | VOLTS | AVERAGE RATED BULB LIFE ** | MANUFACTURER DESCRIPTION | CASE QTY. |
| MRE-16 | Gx5.3 | 50W | 12V | 2000 hrs. | OPI 36° Narrow Floodlight | 24 |

| LENSED MR16 | | | | | | |
|-------------|-------|-------|-------|----------------------------|--------------------------|-----------|
| PART # | BASE | WATTS | VOLTS | AVERAGE RATED BULB LIFE ** | MANUFACTURER DESCRIPTION | CASE QTY. |
| MRE16-CL | Gx5.3 | 50W | 12V | 2000 hrs. | OPI 36° Floodlight EXN/C | 24 |
| MRE16-CL-20 | Gx5.3 | 20W | 12V | 2000 hrs. | OPI 36° Floodlight BAB/C | 24 |

Series 4: PAR HALOGEN LAMPS

USE WITH THE FOLLOWING PRODUCT GROUPS OR PART#S: Recessed Lighting, WAC Exhibit Lights, SL* Exhibit Lights.

Eliminate glare, and produce a smooth, even pattern of light.



| PART # | BASE | WATTS | SAME LIGHT OUTPUT AS | VOLTS | AVERAGE RATED BULB LIFE ** | MANUFACTURER DESCRIPTION | CASE QTY. |
|--------|-----------|-------|----------------------|-------|----------------------------|--------------------------|-----------|
| | | | | | | | |
| PAR-20 | MED NP | 39W | 50W Light | 120V | 1500 hrs. | OPI economy | 30 |
| PAR-30 | MED NP | 60W | 75W Light | 120V | 1500 hrs. | OPI economy | 30 |
| PAR-38 | MED SKIRT | 70W | 90W Light | 120V | 1500 hrs. | OPI economy | 15 |

FROSTED PARs AVAILABLE, PLEASE INQUIRE

TRANSFORMERS

ELECTRONIC TRANSFORMERS/HARDWIRE - 12V/24V

PRODUCT FEATURES:

- UL & C-UL recognized.
- Aluminum casing.
- Waterproof potting.
- 6" lead wire.
- 60-watt model is "CLASS 2".
- 60, 75 & 150-watt models are compatible w/both incandescent & electronic dimmers.
- 300-watt models are compatible with electronic dimmers only.



| PART # | MAXIMUM LOAD | MINIMUM LOAD WITHOUT DIMMER | MINIMUM LOAD WITH DIMMER | INPUT | OUTPUT AT MAXIMUM LOAD | INPUT CURRENT AT MAXIMUM LOAD | OUTPUT CURRENT AT MAXIMUM LOAD |
|------------------|--------------|-----------------------------|--------------------------|------------|------------------------|-------------------------------|--------------------------------|
| LT-60H (12 volt) | 60W | 20W | 20W | 120V, 60Hz | 11.75V, 40KHz | 0.5A | 5A |

ELECTRONIC TRANSFORMERS/HARDWIRE WITH CASE - 12V/24V

PRODUCT FEATURES:

- UL & C-UL listed.
- Aluminum casing, waterproof potting & 6" lead wire.
- Steel outer case acts as a wiring compartment w/knock-outs for conduit or BX armored cable.
- 150-watt model is 1.5" square x 6.5" long and is compatible w/both incandescent & electronic dimmers.



| PART # | MAXIMUM LOAD | MINIMUM LOAD WITHOUT DIMMER | MINIMUM LOAD WITH DIMMER | INPUT | OUTPUT AT MAXIMUM LOAD | INPUT CURRENT AT MAXIMUM LOAD | OUTPUT CURRENT AT MAXIMUM LOAD |
|-----------|--------------|-----------------------------|--------------------------|-----------|------------------------|-------------------------------|--------------------------------|
| LT-150H/C | 150W | 50W | 50W | 120V 60Hz | 11.8V 30KHz | 2.5A | 12.56A |

ELECTRONIC TRANSFORMER/PLUG IN - 12V - 60W

PRODUCT FEATURES:



- UL us UL & C-UL listed.
- Class 2.
- Black plastic casing & wire.
- 108" SPT-2 lead wire.
- Compatible with electronic & incandescent dimmers.

| PART # | MAXIMUM LOAD | MINIMUM LOAD WITHOUT DIMMER | MINIMUM LOAD WITH DIMMER | INPUT | OUTPUT AT MAXIMUM LOAD | INPUT CURRENT AT MAXIMUM LOAD | OUTPUT CURRENT AT MAXIMUM LOAD |
|------------------|--------------|-----------------------------|--------------------------|-----------|------------------------|-------------------------------|--------------------------------|
| LT-60P (12 volt) | 60W | 20W | 20W | 120V 60Hz | 11.5V 40KHz | 0.5A | 5A |

** AVERAGE RATED BULB LIFE VALUES ARE BASED ON A LARGE NUMBER OF REPRESENTATIVE LAMPS UNDER CONTROLLED LABORATORY CONDITIONS. INDIVIDUAL LAMPS OR GROUP OF LAMPS MAY VARY FROM THE NOMINAL LIFE.

* NOTE: OPI OR OPI ECONOMY IS NOT A BRAND NAME. IT IS AN ALTERNATIVE LAMP