

LED Luminaires

ProLED Select Linear Strip Series

- Wattage Selectable
- Color Selectable
- 0-10V Dimming
- 4ft and 8ft Versions Available
- Multiple Mounting Options



Specifications



Description

The ProLED Select Linear Strip provides optimal performance, versatility and is an ideal solution for general ambient lighting in Commercial applications. This fixture features multiple mounting options, 6 knock outs and the push button release to access the wiring compartment making installation a breeze. They are available in 4ft and 8ft housings and are CCT Selectable and Wattage Selectable.

Construction

- Internal wattage and CCT select dipswitch's
- Press button release of LED gear tray for simple installation and maintenance
- White powder coated steel
- Diffused polycarbonate lens provides consistent, shadow free illumination
- Illuminated end caps
- End to end mount and suspension mount kits available
- J-Box cover plate included for surface mount application

Performance

- Wattage selectable:
4ft - 30/40/50W, 8ft - 50/60/70W
- Field selectable color temperatures:
3500K, 4000K, 5000K
- >130LPW
- L70 lumen maintenance: 50,000 hours
- > 80 CRI
- 120-277VAC
- Operating temperature: -20°C to 45°C
- Suitable for use in closets when installed in accordance with NFPA 70, NEC section 410.16 (A)(3) and 410.16 (C)(5)
- 5 year warranty

Certifications

- DLC premium
- ETL listed for dry/damp locations

ProLED Select Linear Strip Series

Ordering Logic: EX: LS4-WS-CS-U

| Series | Product Size | Wattage | | CCT | Voltage | Options |
|-------------------|--------------------|-------------------------------|----------------------------|--|--------------|--|
| LS = Linear Strip | 4 = 4ft 8 = 8ft | WS = Wattage Selectable | 30/40/50W 50/60/70W | CS = Color Selectable 3500K/4000K/5000K | U = 120-277V | MS = Integrated Motion Sensor PIR = PIR Motion Sensor EM = Emergency Battery |

Ordering Information

| Product SKU | Product Code | Product Description |
|-------------|--------------|---|
| 90241 | LS4-WS-CS-U | ProLED Select Linear Strip 4ft Selectable Wattage and CCT 120-277VAC |
| 90242 | LS8-WS-CS-U | ProLED Select Linear Strip 8ft Selectable Wattage and CCT 120-277VAC |
| Product SKU | Product Code | Accessories |
| 90243 | LS-SK-1 | ProLED Select Linear Strip Suspension Kit Size 1 4FT |
| 90244 | LS-SK-2 | ProLED Select Linear Strip Suspension Kit Size 2 8FT |
| 90245 | LS-SM-CK-1 | ProLED Select Linear Strip Surface Mount Connector Kit Size 1 4FT |
| 90246 | LS-SM-CK-2 | ProLED Select Linear Strip Surface Mount Connector Kit Size 2 8FT |
| 90247 | LS-SK-CK-1 | ProLED Select Linear Strip Suspension Connector Kit Size 1 4FT |
| 90248 | LS-SK-CK-2 | ProLED Select Linear Strip Suspension Connector Kit Size 2 8FT |
| 90265 | LS-WG-48 | ProLED Select Linear Strip Wire Guard Size 1 4FT, Order (2) for 8FT Strip |
| Product SKU | Product Code | Options |
| 80313 | MWMS-BRI810 | Microwave Motion Sensor Sharkward BRI810-M10 |
| 99986 | LHB/MC/PIR | Motion Control Sensor PIR LSXR 610 HL |
| 90313 | BBU/EM9WU | Emergency Battery Back Up 9W 120-277V 90 minute 0-10V Dimming |

ProLED Select Linear Strip Series

Performance Table

| Product Code | Selectable Wattage | 3500K | | 4000K | | 5000K | |
|--------------|--------------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|
| | | Lumen Output (lm) | Efficacy (lm/W) | Lumen Output (lm) | Efficacy (lm/W) | Lumen Output (lm) | Efficacy (lm/W) |
| LS4-WS-CS-U | 30 | 4533 | 151 | 4754 | 158 | 4689 | 156 |
| | 40 | 5564 | 139 | 5881 | 147 | 5742 | 143 |
| | 50 | 6600 | 132 | 6998 | 139 | 6782 | 135 |
| LS8-WS-CS-U | 50 | 7505 | 150 | 7492 | 150 | 7123 | 142 |
| | 60 | 8813 | 147 | 8722 | 145 | 8222 | 137 |
| | 70 | 9562 | 136 | 9713 | 138 | 9125 | 130 |

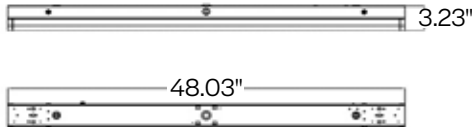
Specifications Table

| | LS4-WS-CS-U | LS8-WS-CS-U |
|-----------------------|----------------------------------|------------------|
| Wattage | 30/40/50W | 50/60/70W |
| Delivered Lumens | 4532 - 6997 Lumens | 7504-9712 Lumens |
| Efficacy (lm/W) | >130 lm/W | |
| CCT | 3500K, 4000K, 5000K Selectable | |
| CRI | > 80 | |
| L70 Lifetime (hrs) | 50,000 | |
| Voltage | 120- 277VAC | |
| Power Factor | 0.9 | |
| Dimming | 0-10V | |
| Housing | Steel | |
| Lens | Diffused Polycarbonate | |
| Operating Temperature | -20°C to 45°C | |
| Listings | DLC, ETL | |
| Environment | UL Listed for Dry/Damp Locations | |
| Weight (lbs) | 6.39 lbs | 8.59 lbs |
| Warranty | 5 Years | |

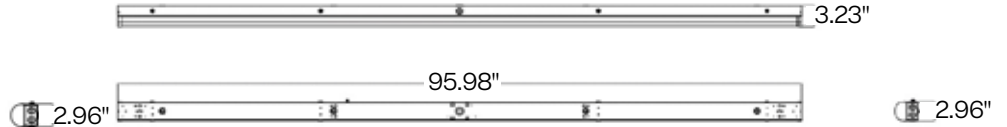
ProLED Select Linear Strip Series

Dimensions

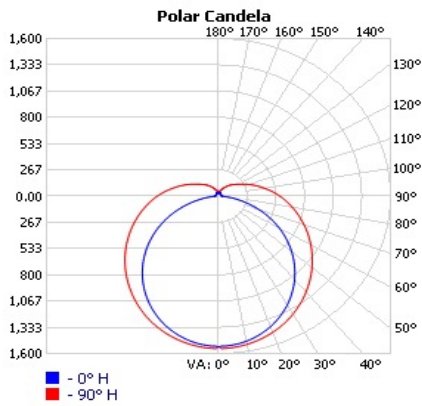
LS4-WS-CS-U



LS8-WS-CS-U



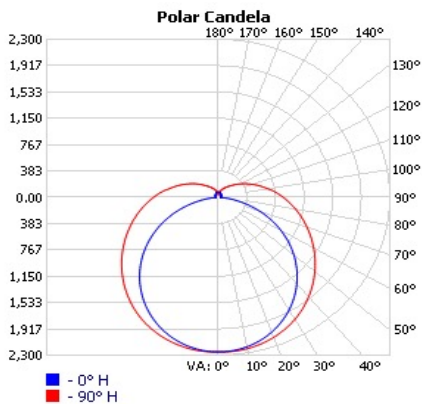
Photometrics



| Zonal Lumen Summary | | | |
|---------------------|---------|--------|-------------|
| Zone | Lumens | % Lamp | % Luminaire |
| 0-30 | 1,184.7 | 17.9% | 19% |
| 0-40 | 1,955.0 | 29.6% | 31.3% |
| 0-60 | 3,580.4 | 54.2% | 57.4% |
| 60-90 | 1,692.3 | 25.6% | 27.1% |
| 70-100 | 1,299.8 | 19.7% | 20.8% |
| 90-120 | 697.5 | 10.6% | 11.2% |
| 0-90 | 5,272.7 | 79.9% | 84.5% |
| 90-180 | 968.3 | 14.7% | 15.5% |
| 0-180 | 6,241.0 | 94.6% | 100% |

LS4-WS-CS-U

Set to 50W 3500K



| Zonal Lumen Summary | | | |
|---------------------|---------|--------|-------------|
| Zone | Lumens | % Lamp | % Luminaire |
| 0-30 | 1,781.4 | 18.6% | 18.3% |
| 0-40 | 2,957.4 | 30.9% | 30.4% |
| 0-60 | 5,468.9 | 57.2% | 56.2% |
| 60-90 | 2,649.2 | 27.7% | 27.2% |
| 70-100 | 2,052.0 | 21.5% | 21.1% |
| 90-120 | 1,138.6 | 11.9% | 11.7% |
| 0-90 | 8,118.1 | 84.9% | 83.5% |
| 90-180 | 1,607.1 | 16.8% | 16.5% |
| 0-180 | 9,725.2 | 101.7% | 100% |

LS8-WS-CS-U

Set to 70W 3500K