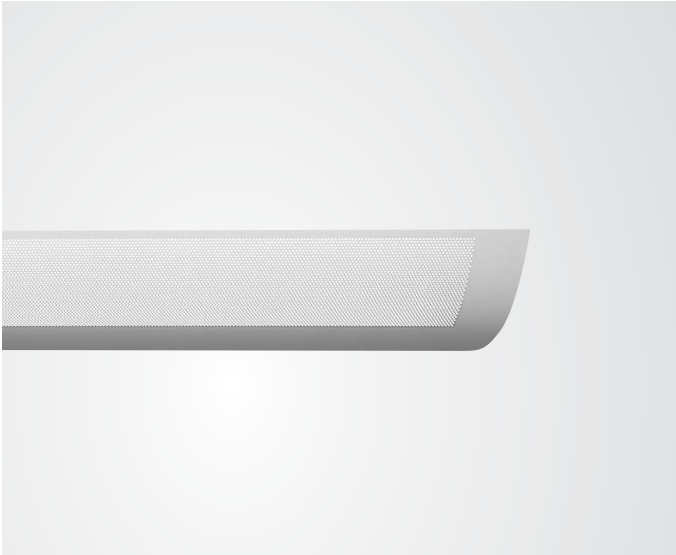




## HIGHLIGHTS

- Total System Integration features  
5-year limited warranty by Acuity Brands covering all components and construction
- 4' and 8' sections
- Up to 108 lm/W
- Two lumen packages
- High performance asymmetric indirect distribution using injection molded optic
- Flicker-free dimming to dark (0.1%) powered by eldoLED® driver
- XPoint™ Wireless module for system networking (optional)
- Flat or sculptured end caps
- White, black, aluminum or custom color



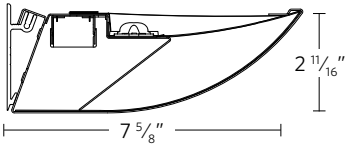
eldoLED



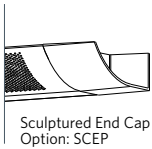
Declare.

## DIMENSIONS

### □ CRW7L



## DETAILS



## COMPANION LUMINAIRE(S)



## CUSTOMIZATION

Ask about the following possibilities: Integrated nLight module for system networking, higher lumen outputs, alternate section lengths, alternate distributions, alternate voltages, additional mounting options, custom colors, higher CRI and R9 values and other modifications.

## LUMEN PACKAGES

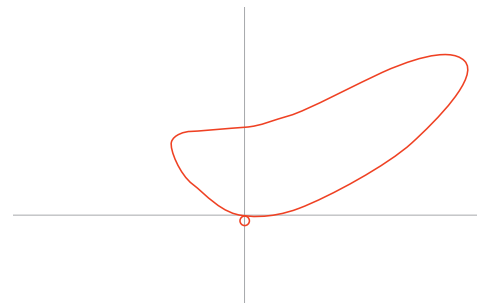
Based on 3500K. Additional color temperatures available.

| Indirect LED Output       | I500LMF | I900LMF |
|---------------------------|---------|---------|
| Delivered Lumens Per Foot | 540     | 918     |
| Input Watts Per Foot      | 5       | 9.5     |
| Lumens Per Watt           | 108     | 97      |

\*per 4' section

## DISTRIBUTION

99% Up | 1% Down



## SPECIFICATIONS

### Housing

Nominal 7 5/8" x 2 5/8" crescent housing is formed from cold-rolled steel.

### End Caps

Flat end cap standard. For sculptured die-cast aluminum end caps, choose option SCEP.

### Color

Color for housing and end caps is white, black or painted aluminum. Consult factory for custom colors.

### Luminaire Length

4' and 8' lengths in a single section. For total length, add 1/16" for each flat end cap and 4" for each sculptured end cap. Using internal joiners, 4' and 8' sections can be joined to form longer rows.

### Source

Two LED lumen packages and three available color temperature options (3000K, 3500K and 4000K) — all within 2.5 MacAdam ellipses.

### Optics

Optical system consists of injection-molded primary optic high performance film and highly reflective metal reflector.

### Dimming Driver

eldoLED driver provides "natural dimming" with smooth, continuous and flicker-free operation to 0.1% dim levels. Acuity luminaires incorporating eldoLED LED drivers perform within the recommended operating areas for flicker as a function of frequency and modulation (%) outlined in IEEE Standard 1789-2015 (IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers), in typical operating conditions at representative dimming levels. Syncing for controls: 2mA max. THD: < 20%. Insignificant inrush current at 120 and 277VAC. FCC Class A and B tested for EMI and RFI.

When Control Input of 0-10V is specified driver will be set for linear dimming curve.

For 0-10V driver details go to: [PeerlessLighting.com/S66L](http://PeerlessLighting.com/S66L)

For DALI driver details go to: [PeerlessLighting.com/S60L](http://PeerlessLighting.com/S60L)

### Electrical

LED light engine — consisting of modular LED boards and eldoLED® dimming driver — is rated for 60,000 hours (L80) at 25° C ambient temperature. Specify 120V or 277V. Pre-wired with 16AWG fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

### Environment

Suitable for damp location.

### Validation

CSA/CUS listed. CSA tested to UL 1598 standards. LM-79 tested. Individual sections meet FCC Part 15 requirements.

### Government Procurement

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.  
BABA - Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.  
Please refer to [www.acuitybrands.com/resources/buy-american](http://www.acuitybrands.com/resources/buy-american) for additional information.

### Packaging

Recycled cardboard box and inserts. Biodegradable protective luminaire bag. Recycled kraft paper tape.

### Warranty

5-year limited warranty. Complete warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25°C.

### A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background\*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background\*

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

\*See ordering tree for details



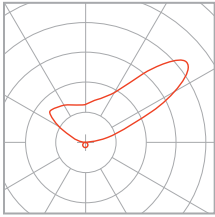
A+ Capable options indicated  
by this color background.

MODEL NUMBER    Example: CRW7L LLP 16FT MSL8 80 CRI 35K I500LMF DARK ZT 120 SCT C110

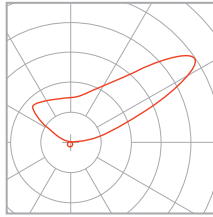
| Luminaire |     | Linear Length Plan      | Total Run Length                                                            | Maximum Section Length | LED Color Rendering | LED Color Temperature | Indirect LED Ouput                                                                               | Minimum Dimming Level                  |
|-----------|-----|-------------------------|-----------------------------------------------------------------------------|------------------------|---------------------|-----------------------|--------------------------------------------------------------------------------------------------|----------------------------------------|
| CRW7L     | LLP | Linear longest possible | __FT<br><i>Indicate luminaire row length in 4" increments.<br/>Ex: 12FT</i> | MSL4 4' section(s)     | 80CRI 80+ CRI       | 27K 2700K             | I500LMF 500 nominal indirect lumens per foot<br><br>I900LMF 900 nominal indirect lumens per foot | DARK Constant current, dimming to < 1% |
|           | LCB | Linear center balanced  |                                                                             | MSL8 8' section(s)     |                     | 30K 3000K             |                                                                                                  |                                        |
|           | LSL | Longest same length     |                                                                             |                        |                     | 35K 3500K             |                                                                                                  |                                        |
|           |     |                         |                                                                             |                        |                     | 40K 4000K             |                                                                                                  |                                        |
|           |     |                         |                                                                             |                        |                     | 50K 5000K             |                                                                                                  |                                        |

| Control Input                                                                | Voltage  | Wiring Option      | Emergency Options                                                                                                                                 | Color                                                                                                                                                                                                                                           | Options                                 |
|------------------------------------------------------------------------------|----------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| ZT* 0-10V                                                                    | 120 120V | SCT Single circuit | (Blank) None                                                                                                                                      | C110 Painted aluminum (low gloss)                                                                                                                                                                                                               | CSA* Manufactured to Canadian Standards |
| DALI** DALI enabled                                                          | 277 277V |                    | 1EC (1) Emergency circuit module                                                                                                                  | C210 White white (fine textured)                                                                                                                                                                                                                | GLR Fast Blow                           |
| *0-10V will use linear dimming curve<br>**Will use logarithmic dimming curve |          |                    | 2EC (2) Emergency circuit module                                                                                                                  | C202 Black (fine textured)                                                                                                                                                                                                                      | GMF Slow Blow                           |
|                                                                              |          |                    | __EC __ Emergency circuit modules                                                                                                                 | C099* Custom color                                                                                                                                                                                                                              | SCEP Sculptured End Caps                |
|                                                                              |          |                    | *Emergency type is installed in last 4' of luminaire sections. Separate feed required.<br>**4FT MSL4 individual fixture with EC. Consult factory. | *C099 for pricing only. Custom color chip and requested finish needs to be sent in to your Customer Care Rep and matched up with our paint department and customer approved before order is entered. Standard finish choice is Textured (C099T) | *CSA with EC consult factory            |

## FIXTURE PERFORMANCE DATA



**I500LMF 80 CRI 35K**  
108 lm/W  
2158 delivered lumens  
per 4' section  
99% up / 1% down

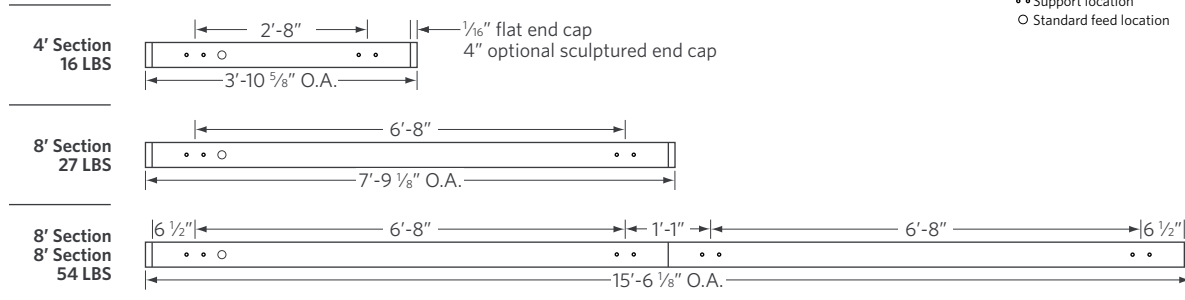


**I900LMF 80 CRI 35K**  
97 lm/W  
3672 delivered lumens  
per 4' section  
99% up / 1% down

## WEIGHTS & SUPPORT SPACING

Mounting spacing equals section length. Default location shown.

### STANDARD SECTIONS



## LINEAR PLAN:

PEERLESS offers the ability to provide a continuous run plan to suit your requirements by optionally offering three different methods of configuration.

### LSL- Linear Same Length:

In this configuration, each segment is the same length and is standardized based on the longest length available and is the only option provided. Because it is dependent on one segment length there are mathematical limitations on what overall row lengths can be achieved. Example: 20 FT row would be achieved with 5, 4 FT long segments equaling 20 FT (nominal).

|            |      |      |      |      |      |
|------------|------|------|------|------|------|
| <b>LSL</b> | 4 FT | 4 FT | 4 FT | 4 FT | 4 FT |
|------------|------|------|------|------|------|

### LCB- Linear Center Balanced:

This configuration incorporates the longest center segment(s) along with any additional lengths required to fill the run length, added to the run ends. Example: 16 FT run would have 2, 4 FT segments (one at each end) and 1, 8 FT segment in the center.

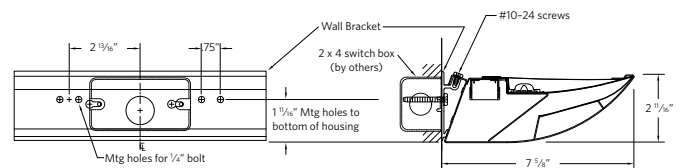
|            |      |      |      |
|------------|------|------|------|
| <b>LCB</b> | 4 FT | 8 FT | 4 FT |
|------------|------|------|------|

### LLP- Linear Longest Possible

In this configuration, the longest length available is optimized, resulting in the fewest segments and mounting locations. Caution, should be used where balanced appearance is a concern. Example: 20 FT run would have 2, 8 FT segment and 1, 4 FT segment at the end of the run.

|            |      |      |      |
|------------|------|------|------|
| <b>LLP</b> | 8 FT | 8 FT | 4 FT |
|------------|------|------|------|

## MOUNTING DETAIL



INTELLIGENT LUMINAIRE TECHNOLOGY GUIDE

| Choose nomenclature from these columns                        |                       |   |               |   |                   |
|---------------------------------------------------------------|-----------------------|---|---------------|---|-------------------|
| Driver Configurations                                         | Minimum Dimming Level |   | Control Input |   | Driver            |
|                                                               | DARK                  | + | ZT            | = | eldoLED SoloDrive |
|                                                               | DARK                  | + | DALI          | = | eldoLED SoloDrive |
|                                                               |                       |   |               |   | Dimming Range     |
|                                                               |                       |   |               |   | 100% to .1%       |
|                                                               |                       |   |               |   | 100% to .1%       |
| Notes                                                         |                       |   |               |   |                   |
| Linear Dimming, supplied with leads for 0-10V control         |                       |   |               |   |                   |
| Logarithmic Dimming, DALI controls and power supply by others |                       |   |               |   |                   |

eldoLED COMPATIBILITY For compatible dimmers & switches please see the EldoLED compatibility document

PeerlessLighting.com/eldoLED-compatibility