

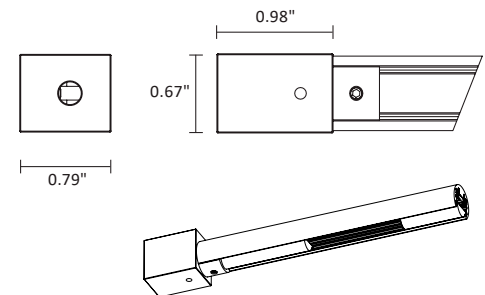
R1-SL-16 is an LED light bar (24VDC) with a profile of Ø0.67", and mounting for screw or magnetic spotlights (12VDC - C1-mini-R-SL). It is rotatable 360°, and available in 4 static color temperatures or tunable white and 3 standard finishes. **C1-mini-R-SL Spotlight sold separately.**

## TECHNICAL DATA

|                           |                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Wattage</b>            | 7W, 15W or 20W per 3.28' (1 m)                                                                                       |
| <b>Power Supply</b>       | Remote 24VDC, not included. See page 3                                                                               |
| <b>Construction</b>       | Body: Anodized Aluminum                                                                                              |
| <b>CCT</b>                | 3000K, 4000K (7W, 15W or 20W)<br>2700K, 3500K (15W only)<br>Tunable White (2700K-6500K) (15W only)                   |
| <b>CRI</b>                | >96                                                                                                                  |
| <b>Delivered Lumens</b>   | 900 lm per 3.28' (15W, 3000K, 50°)                                                                                   |
| <b>Efficacy</b>           | 60 lm/W (15W, 3000K, 50°)                                                                                            |
| <b>Optics</b>             | Linear 22°, 35°, 50°, 55° (7W, 15W, 20W)<br>240 LEDs/m (smallest separable unit 0.98")                               |
| <b>Finishes</b>           | 2 Standard, 4 Custom, RAL Available                                                                                  |
| <b>Fixture Dimensions</b> | 0.79" x 0.98" x 0.67"<br>Max. profile length 78.74", from 78.74" with connector, individual cut from 3.94" to 78.74" |
| <b>Lumen Maintenance</b>  | L80, B10 >50,000hrs                                                                                                  |
| <b>IP Rating</b>          | IP20                                                                                                                 |



Fixture Dimensions  
See full drawing on page 2



## ORDERING INFORMATION

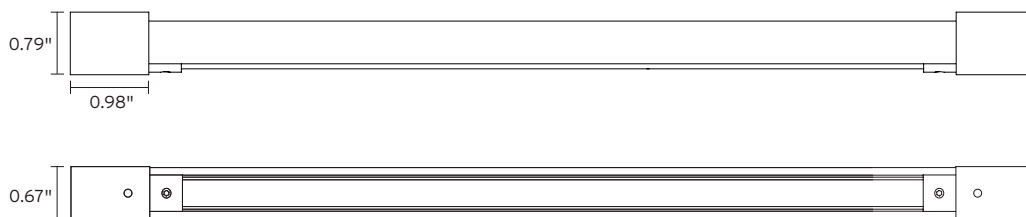
**Example: R-SL-16-M-15-40-50-SW-M-220. Accessories / Power Supplies / Spotlights ordered separately.**

|                                                | -                              |                                                                                             | -                                            |                                                                                                                                                             | -                               |                                                                                   | - |  |
|------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------|---|--|
| Model No.                                      | Wattage                        | CCT                                                                                         | Optics                                       | Finish                                                                                                                                                      | Ends                            | Length                                                                            |   |  |
| <b>R-SL-16-M</b><br><i>with LED stripe</i>     | 7 - 7W<br>15 - 15W<br>20 - 20W | 27 - 2700K<br>30 - 3000K<br>35 - 3500K<br>40 - 4000K<br>TW - Tunable White<br>(2700K-6500K) | 22 - 22°<br>35 - 35°<br>50 - 50°<br>55 - 55° | SW - Anodized Black<br>SI - Silver<br><u>Custom (min. 10)</u><br>CH - Champagne<br>HA - Hard Anodized<br>GO - Gold<br>BR - Mocha Bronze<br>RAL - Custom RAL | S - Screw<br>Down<br>M - Magnet | xx - increments of 10 cm<br>starting at 20 cm (7.87")<br>maximum 350 cm (137.80") |   |  |
| <b>R-SL-16-MX</b><br><i>without LED stripe</i> |                                | <b>NOTE:</b> 2700K, 3500K and<br>Tunable White only available<br>for 15W version.           |                                              |                                                                                                                                                             |                                 |                                                                                   |   |  |

Job Name/Date:

Fixture Type Designation:

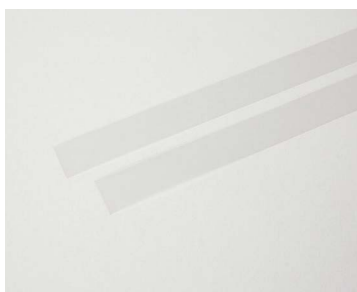
## FIXTURE DIMENSIONS



## ACCESSORIES



**Anti-glare Profile**  
0.54" x 0.54"



**Light Diffusion Foil**



**C1-mini-R-SL Spotlight**  
(sold separately)

|                |                                                |
|----------------|------------------------------------------------|
| <b>A500100</b> | Splitter, 1 connection, for track and bar      |
| <b>A500101</b> | Splitter, 2 connections, for track and bar     |
| <b>A500102</b> | Splitter, 3-4 connections, for track and bar   |
| <b>A500103</b> | Splitter, 5-7 connections, for track and bar   |
| <b>A500104</b> | Splitter, 8-10 connections, for track and bar  |
| <b>A500105</b> | Splitter, 11-13 connections, for track and bar |
| <b>A500106</b> | Splitter, 14-16 connections, for track and bar |
| <b>A500107</b> | Splitter, 17-19 connections, for track and bar |

Job Name/Date:

Fixture Type Designation:

**SUGGESTED POWER SUPPLIES for Light Bar**

24VDC - for the R-SL-16 LED light bar - C1-mini-R-SL spotlight needs separate power supply

| Part Number               | Description                                               | Input/Output                       | # of Fixtures |
|---------------------------|-----------------------------------------------------------|------------------------------------|---------------|
| <a href="#">PPLT00586</a> | Non-Dim                                                   | 120-277VAC to 24VDC, 40W, Class 2  | 1-2           |
| <a href="#">PPLT00543</a> | 0-10V Dimming (to 15%) (-40°C / -40°F cold weather start) | 120-277VAC to 24VDC, 100W, Class 2 | 1-5           |

**Suggested Lutron Compatible**

| Part Number               | Option | Lutron SKU | Dim Range | Description                                          | Input/Output                      | # of Fixtures |
|---------------------------|--------|------------|-----------|------------------------------------------------------|-----------------------------------|---------------|
| <a href="#">PPLT00530</a> | L3D0   | L3D0       | 100%-0.1% | Hi-Lume™ Premier 0.1% or Ecosystem 3-Wire LED Driver | 120-277VAC to 24VDC, 96W, Class 2 | 1-5           |

**DRIVERS IN NEMA ENCLOSURE**

Remote 24VDC - ELV / TRIAC / 0-10V



PPLT00715

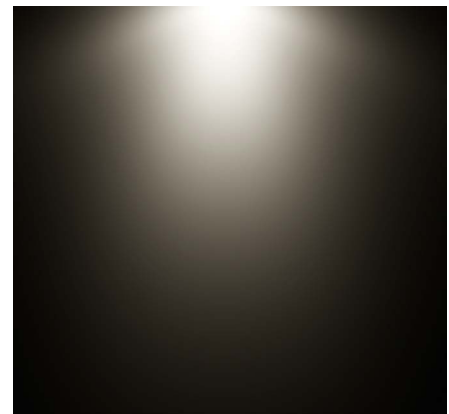
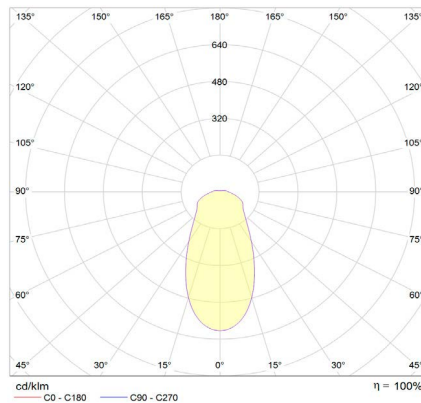
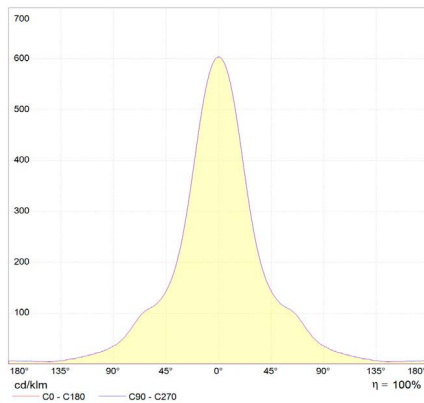
| Part Number               | Description                         | Input/Output                                | # of Fixtures<br>15W |
|---------------------------|-------------------------------------|---------------------------------------------|----------------------|
| <a href="#">PPLT00715</a> | ELV / TRIAC / 0-10V Dimming to 0.1% | 120-277VAC to 24VDC, 96W, Class 2, WET/DAMP | 1-5                  |

*For other power supply options consult factory.*

**See C1-Mini-R-SL Datasheet for  
Suggested Power Supplies for Fixture**

**PHOTOMETRIC DATA**

for light color ~3,000 K | linear optics ~50° | color rendering index typ. 97, R9 &gt; 90, R12 &gt; 90 | color variation ≤ 3 SDCM

*Job Name/Date:**Fixture Type Designation:*

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*Fixture Type Designation:*