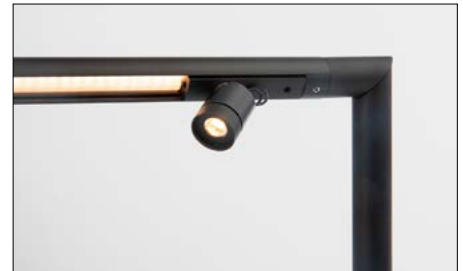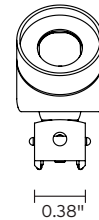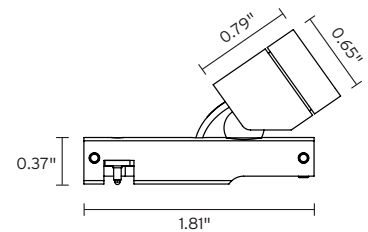# C1-MINI-R-SL

designplan®

datasheet

C1-mini-R-SL is an LED spotlight for installation on light bar R-SL-16, suitable for showcase lighting in museum and retail settings. It is 180° rotatable, 55° swivelling, and is available with a variety of optics, 5 color temperatures and 3 standard finishes.

TECHNICAL DATA

Wattage / Input	1W, 2W (12VDC)
Power Supply	Remote - See Page 3
Dimming	Comes with Onboard Dimming Dimming Pen Included - See page 2 & 3
Construction	Body: Anondized Aluminum
CCT	2700K, 3000K, 3500K, 4000K, 5700K
CRI	>90
Delivered Lumens	60 lm (1W, 3000K, 30°) 110 lm (2W, 3000K, 30°)
Efficacy	60 lm/W (1W, 3000K, 30°) 55 lm/W (2W, 3000K, 30°)
Optics	9 Standard, See Below
Finishes	3 Standard, See Below
Fixture Dimensions	Ø0.65" x 0.79" (head) 0.37" x 1.81" (base)
Lumen Maintenance	L80,B10 >50,000hrs
IP Rating	IP20

NOTE: LED Light Bar to be ordered separately

Fixture Dimensions

ORDERING INFORMATION

Example: C1-MINI-R-SL-10-40-18-G. Accessories / Power Supplies ordered separately.

C1-MINI-R-SL - ☐ - ☐ - ☐ - ☐

Model No.	Wattage	CCT	Optics	Finish
C1-MINI-R-SL	**10** - 1W **20** - 2W	**27** - 2700K **30** - 3000K **35** - 3500K **40** - 4000K **57** - 5700K	**8** - 8° **15** - 15° **18** - 18° **26** - 26° **30** - 30° **45** - 45° **80** - 80° **47** - 47°+25° **40** - 40°+10°	**B** - Anondized Black **S** - Silver **G** - Gold **C** - Custom RAL *(consult factory for "C")*

Job Name/Date:

Fixture Type Designation:

---

sales@designplan.com
www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825
© Copyright 2021 Designplan Lighting, Inc.
Published: November 16, 2023

P: 908-996-7710
F: 908-996-7042
1 of 3

C1-MINI-R-SL

ACCESSORIES

Honeycomb Grid

Anti-Glare Tube

Inclined Tube

Snoot (8°)
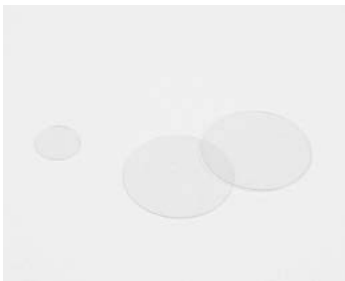
Light Diffusion Foil

Barn Door

**Zoom Optic** (9°-33°)

Light Bar R-SL-16

DIMMING

The sensor is located on the side of the cable entry in the lamp base. (Position depends on installation direction). Place the dimming pen in the sensor area. As soon as the green feedback LED lights up at the cable entry, the sensor is activated and the spotlight is dimmed. The dimming process stops by removing the pen. When the dimming pen is attached again, the dimming direction is changed. Your set dimming is automatically saved after approx. 5 - 10 seconds. The dimming range is flicker-free adjustable from 100% to 10% in 256 steps. The spotlight is set to 100% at initial start-up.

Dimming Pen included

PHOTOMETRIC DATA

for light color ~3,000 K | standard lens 30º | color rendering index typ. 97, R9 > 90, R12 > 90 | color variation ≤ 3 SDCM
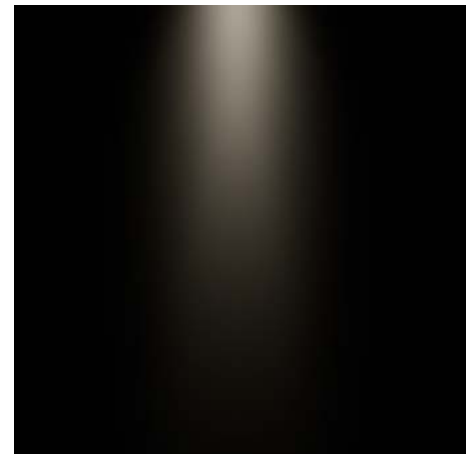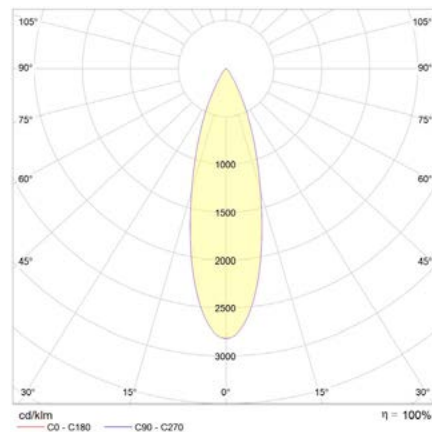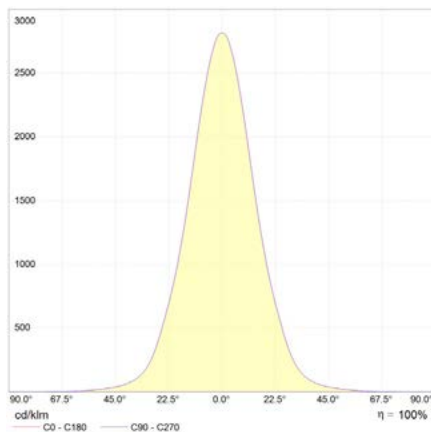
Job Name/Date:

Fixture Type Designation:

SUGGESTED POWER SUPPLIES
12VDC

Part Number	Description	Input/Output	# of Fixtures 1W	2W
PPLT00162	Non-Dim	120-277VAC to 12VDC, 20W, Class 2, IP64	1-16	1-8
PPLT00022	Non-Dim	120VAC to 12VDC, 60W, Class 2	1-48	1-24
PPLT00134	Non-Dim	120VAC to 12VDC, 60W, Class 2, IP64	1-48	1-24

For other power supply options consult factory.

Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825
© Copyright 2021 Designplan Lighting, Inc.
Published: November 16, 2023

P: 908-996-7710
F: 908-996-7042
3 of 3