

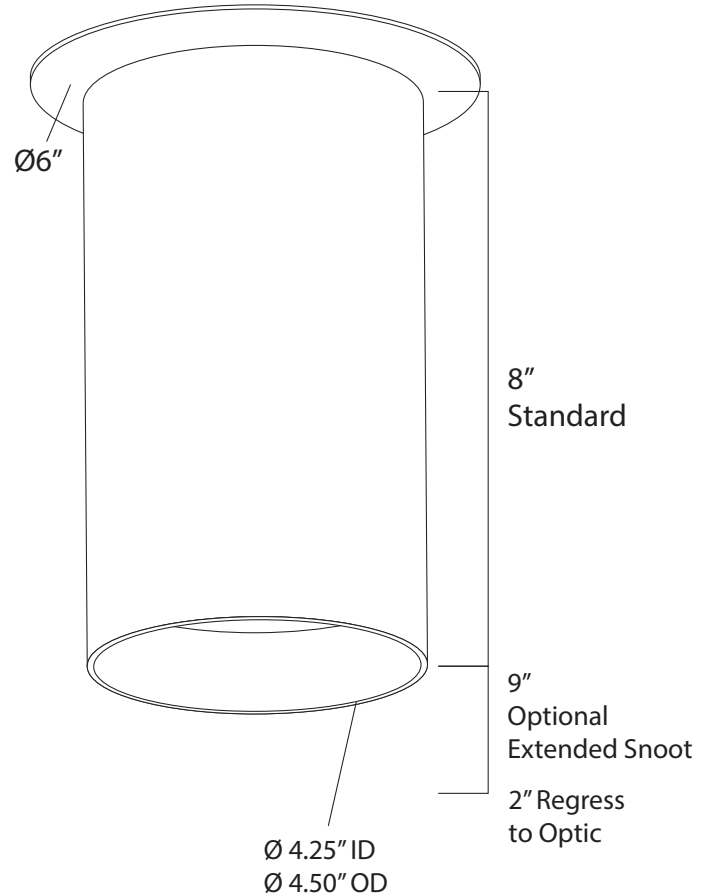
SMR1-204-PAR38-FIX

Fixed Surface Round 1-Light

Project Name:		Type:	
Catalog Number:		Date:	



1" Regress
to Optic

**Key Features**

- 4.5" OD
- Up to 4 accessories
- Remote Transformer Option
- Over 6,500 Color Options Available
- 100,000+ hr L70 life

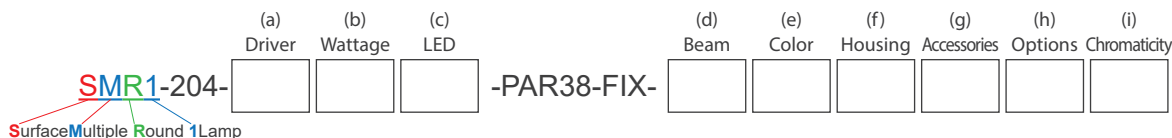
LED Source Details

CREE XPL2 LED maximum rating 3,000 mA

- Fixture operating milliamps = 1,500 mA
- Fixture Wattage Range = 64W to 68W
- Fixture Delivered Lumens = 5,419 lumens

Last revised: 08/28/2026

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**(a) Driver Options**

D	= .01% Magnetic Low Voltage Dimming (2 wire)
E	= ON/OFF (Electronic)
12V AC	= .01% PWM AC dimming (2 wire) remote magnetic 12V AC transformer
24V DC	= .01% PWM DC dimming (2 wire) 24V DC power supply
ED	= 1% Electronic Reverse Phase Dimming (2 wire)
0-10V1	= 1% 0-10V Dimming (4 wire)
DALI2	= .01% Digital Addressable Lighting Interface V2
RDM DMX	= .001% 16 Bit, 4-Channel Dimming (2 wire with CAT5)
ABS	= Absolute Light .001% Dimming (use with RGBW)
ABSX	= DMX Absolute Light .001% RGBW dimming

(b) Wattage Options

48W (1050 milliamps/3600 lumens)	= MLV
55W (1400 milliamps/5419 lumens)	= ON/OFF, 0-10V or RDM DMX
70W (500mA per LED - 4950 lumens)	= RDM DMX RGBW

(c) Lamp Type Options

XLED	= Cree XPL2 LED @ All Wattages
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(d) Beam Options

NSP	= Narrow Spot	NFL	= Narrow Flood
SP	= Spot	FL	= Flood

(e) Fixture Color Options

BLK	= Black
WHT	= White
PWT	= Pewter
Select Custom Color (Review Website for Over 3,300 Color Options)	

(f) Housing Options

NC	= New Construction	RMT	= Remote
REM	= Remodel	SM	= Surface Mount

(g) Optical and Accessory Options

LS	= Lens Softener - +20% increase in beam width. Shields optical face visually. Softens edges of beam.	
LSL	= Linear Spread Lens - Horizontal or vertical beam elongation.	
WFL	= Wide Flood Lens - Wall washing increases the beam by 50% width with elimination of center beam.	
LV	= Louver - Small black hexcel louver eliminates all surface brightness. Creates stronger vertical cut off with -20% beam width.	
CHL	= Cross Hiar Louver	
H	= Halogen - 150K warmer. 2700k to 2550K	
DH	= Dimmed Halogen - 300K warmer. 2700k to 2400K	

(h) Options

120V	= 120VAC 60Hz (Standard)
230V	= 230VAC 50Hz
277V	= 277VAC 60Hz
EMG	= 90min Emergency Back-Up Battery
SCM1	= Side Conduit Mount In (3/4" In)
SCM2	= Side Conduit Mount In and Out (3/4" In and Out)
2PC	= 2" Pipe Clamp
80+	= CRI over 80
90+	= CRI over 90
FCP	= Flat Canopy Plate
ES	= Extended Snoot 1" Extension, 2" Regress

(i) Color Temperature Options

<u>White LED</u>	<u>Colored/Themed LED</u>
22K* = 2200 Kelvin (candlelight color)	UV365** = 365 NM UV black light
27K = 2700 Kelvin (incandescent color)	UV390** = 390 NM UV black light
30K = 3000 Kelvin (halogen color)	Blue** = 465 - 485 NM wavelength
35K = 3500 Kelvin (warm incandescent)	Green** = 520 - 535 NM wavelength
40K = 4000 Kelvin (cool incandescent)	Amber** = 585 - 595NM wavelength
50K = 5000 Kelvin (day white)	Red** = 620 - 630 NM wavelength
65K = 6500 Kelvin (12 noon sunlight)	Photo Red*** = 650 - 670 NM wavelength
	RGBW3K*** = Red, Green, Blue, White
	RGBW4K*** = Red, Green, Blue, White

*1050 mA or less

**700 mA

***Must utilize DMX @ 600 mA

Clarté Lighting

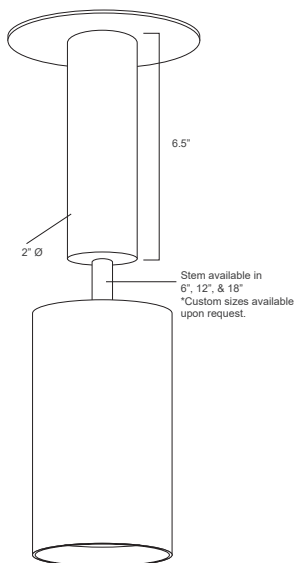
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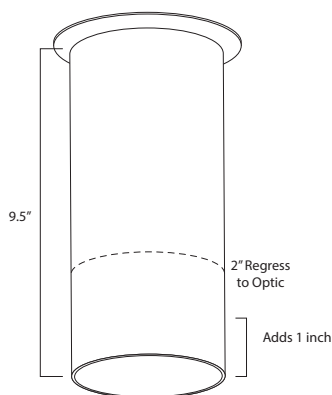
Specifications

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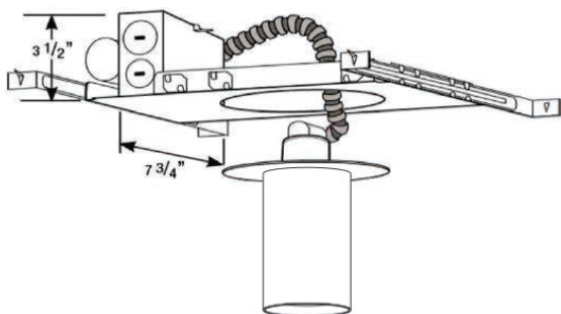
Surface Mount



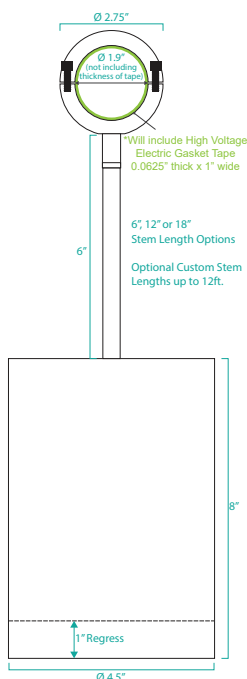
Extended Snoot



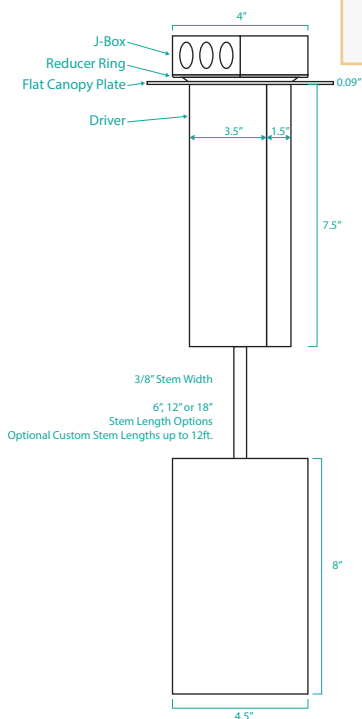
New Construction



2" Pipe Clamp (Need remote or in-line driver)



DMX Surface Mount



Housing

- 100% aluminum construction

Electrical

- Optional - 12V AC remote class 2
- 100V, 120V, 230V, 277V or 347V

LED

- 3,000mA maximum rated CREE XPL2 LED
- Operates between 450 to 1200mA
- 15% to 40% of rated mA

LED Driver

- D - 2 wire forward phase .01% LED driver fade to off glow to on
- ED - 2 wire reverse phase 1% LED driver
- 12V AC - (2 wire) remote magnetic 12V AC transformer
- 24V DC - (2 wire) 24V DC power supply
- ED - 1% Electronic Reverse Phase Dimming (2 wire)
- 0-10V1 - 1% 0-10V Dimming (4 wire)
- DALI2 - .01% Digital Addressable Lighting Interface V2
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- ABS - Absolute Light .001% Dimming (use with RGBW)
- ABSX - DMX Absolute Light .001% RGBW dimming

Optics

- TIR discrete injection molded polycarbonate precision LED optic
- 45-degree vertical cut off

Installation

- IPS Nipple - Unistrut (Not provided)

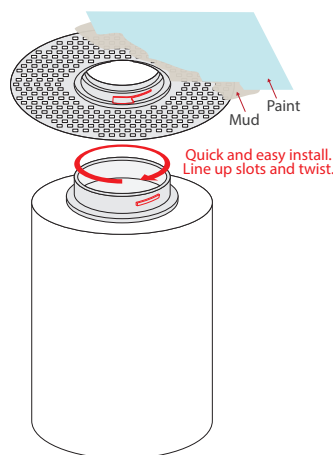
Certification

- CE - In compliance with EU regulations
- UL Damp Listed - IP 52

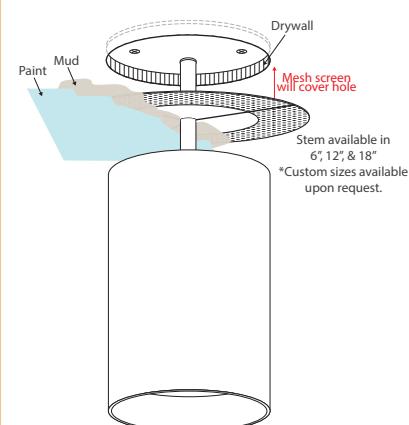
Warranty

- 5 Year - ED, 0-10V, DMX and colored LED fixtures
- 7 Year - D and White LED fixtures

Trimless - 2-Part Design - Must utilize remote ELV or 0-10V power supply



Blind Canopy Trimless Stem - Must utilize remote ELV or 0-10V power supply



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Wattage & Lumen Output

1400 Milliamps - 5000 Lumens
 68W ON/OFF
 0-10V 1% Dimming
 DMX Dimming

3 Step CREE XPL2 LED

Kelvin-CRI	Multiplier
27K-80+ CRI	1
27K-90+ CRI	0.80
30K-80+ CRI	1
30K-90+ CRI	0.85
35K-80+ CRI	105
35K-90+ CRI	0.9
40K-80+ CRI	109
50K-80+ CRI	109
65K-80+ CRI	105

80+ = 84 CRI
 90+ = 94 CRI

RGBW V2 Light Output Luminous Flux Clarté
 Lighting offers 100% of fixtures in optional
 RGBW3K or RGBW4K

	Line Voltage 600 mA RGBW3K	ABS Light 700 mA RGBW3K	700 mA White 3K
Red	1728	1920	
Green	3348	3720	
Blue	497	552	
White	2808	3120	
Total	8381	9312	3377

*RGBW Fixtures are designed to not operate with all 4 colors at 100% of light for more than 24hrs continuously and suggest operating 55% or less of all 4 colors ON to ensure optimum thermal life of the RGBW LED.

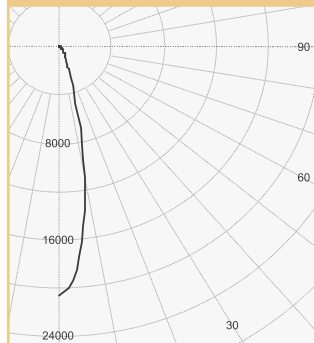
Narrow Flood 21°

2'	5,157 fc	0.7'
4'	1,289 fc	1.5'
6'	573 fc	2.2'
8'	322 fc	3.0'
10'	206 fc	3.7'
12'	143 fc	4.4'

67W PAR38 - 4,266 lm

Zonal Flux and Percentages

Zone	Flux (lm)	%Luminaire
0-30	3369	79.0
0-40	3739	87.7
0-60	4197	98.4
0-90	4266	100.0
40-90	527	12.3
60-90	69	1.6
90-180	0	0.0
0-180	4266	100.0

All planes - Solid (cd)

(Rotational Symmetry)

Intensity Summary (cd)

Gamma	All Planes	Flux (lm)
0	20628	
5	17468	1451
10	10916	
15	4848	1396
20	1966	
25	1066	522
30	764	
35	582	370
40	476	
45	381	295
50	291	
55	177	163
60	103	
65	73	65
70	14	
75	3	4
80	1	
85	0	1
90	0	

Clarté Lighting

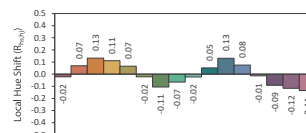
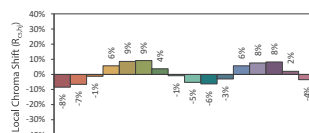
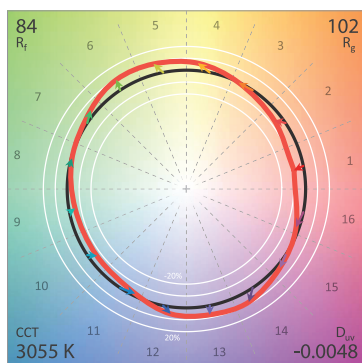
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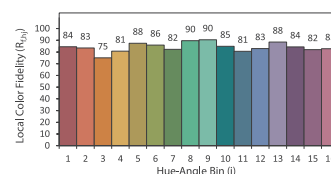
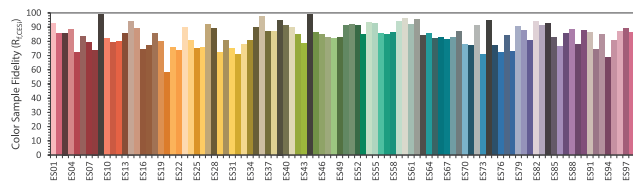
TM-30-18 Color Metrics

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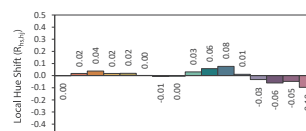
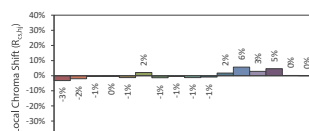
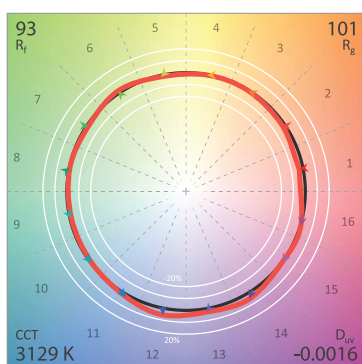
Clarté Lighting 3000K 80+ CRI Color Metrics



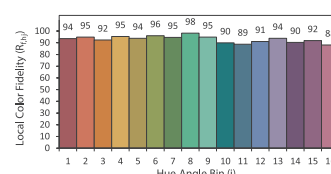
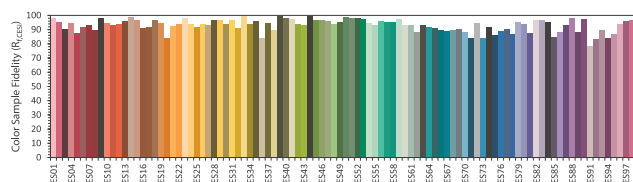
CIE 13.3-1995 (CRI)
R _a 86
R _g 29



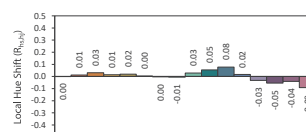
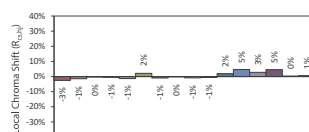
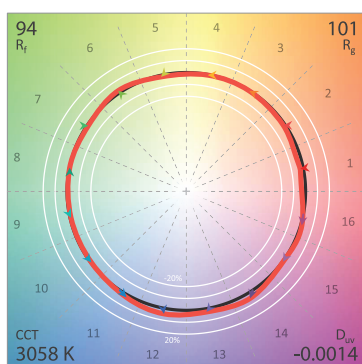
Clarté Lighting 3000K 90+ CRI Color Metrics



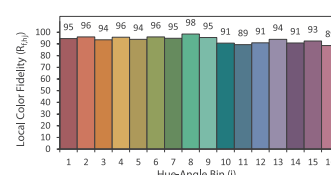
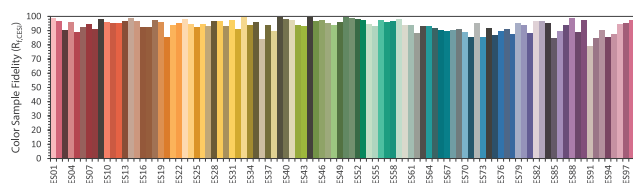
CIE 13.3-1995 (CRI)
R _a 95
R _g 74



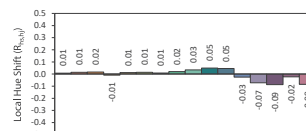
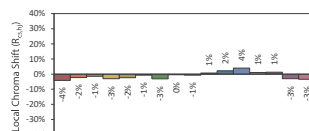
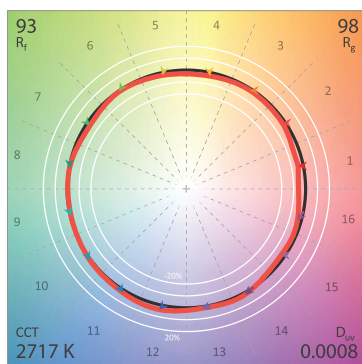
Clarté Lighting 3000K 90+ CRI Halogen Lens (H) Color Metrics



CIE 13.3-1995 (CRI)
R _a 96
R _g 79



Clarté Lighting 3000K 90+ CRI Dimmed Halogen Lens (DH) Color Metrics



CIE 13.3-1995 (CRI)
R _a 95
R _g 64

