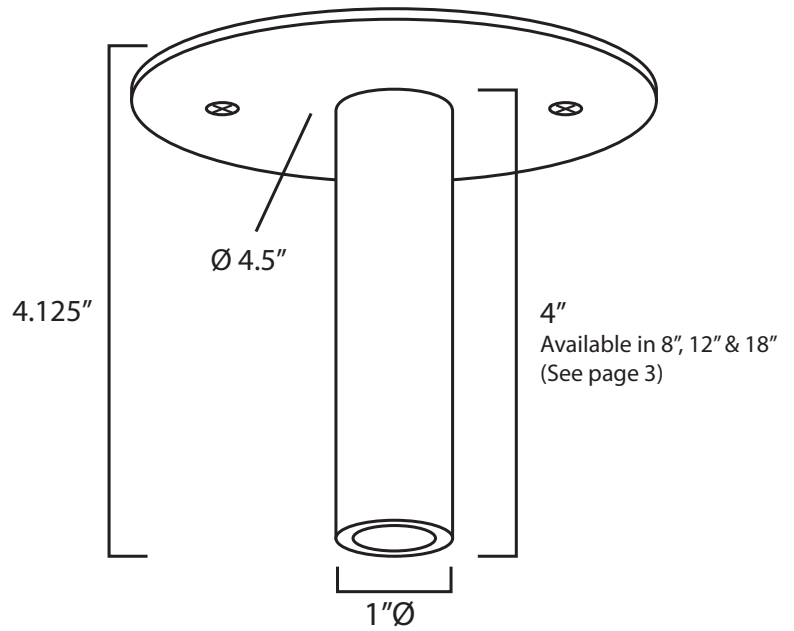


SMR1-601-PAR8-FIX-WL

IP66 Wet Listed Fixed Mono Point

Project Name:		Type:	
Catalog Number:		Date:	

**Key Features**

- UL = IP66 Wet Listed
- ADA Compliant = 1.625" depth
- 3/4" ID & 1" OD LED Optic
- 3 Beam Spreads – Spot (17°), Narrow Flood (26°) or Flood (40°)
- Class 2 = 12V, 24V or 48V
- Accepts Up to 3 Optical Accessories

LED Source Details

CREE XHP50.2 LED maximum rating = 1500 mA

- Operating Range = 350 mA to 700 mA
- Operating 15% to 38% of Rated Value
- Fixture Wattage Range = 5W to 14W
- Fixture Delivered Lumens = 450 to 900 Lumens

Patent No.: US 10,208,928 B1
Other Patents Pending

Last revised: 08/31/2026

Clarté Lighting

SMR1-601-PAR8-FIX-WL

IP66 Wet Listed Fixed Mono Point

Ordering

Project Name:		Type:	
Catalog Number:		Date:	

(a) Driver (b) Wattage (c) LED (d) Beam (e) Color (f) Length (g) Stem (h) Install (i) Accessories (j) Options (k) Chromaticity

SMR1-601- [] -PAR8-FIX-WL- []

Surface Mount Round 1 Lamp

(a) Driver Options

D	= 0.1% Magnetic Low Voltage 12V AC Dimming (2 wire)
E	= ON/OFF (Electronic) - Up to 4 Fixtures
ED	= 1% Electronic Reverse Phase Dimming (2 wire)
ED-4	= 1% Electronic driver for up to 4 fixtures
0-10V*	= Remote mount 4 wire 0-10V LED driver single fixture
0-10V 4**	= Remote mount 4 wire 0-10V driver for up to 4 fixtures
ABS	= .001% Absolute Light Dimming (use with RGBW)
ABSX	= DMX Absolute Light .001% RGBW dimming

*Remote single 0-10V LED driver up to 18' away 18ga and 50' away 12ga
 **Remote 0-10V LED driver operates up to 4 fixtures up to 18' away 18ga and 50' away 12ga

(b) Wattage Options

5W	= ED, ON/OFF, 0-10V 1% (350 milliamps), 450 lumens
7W	= MLV <1% Dimming (350 milliamps), 450 lumens
10W	= Absolute Light
11W	= ED, ON/OFF, 900 lumens

(c) LED Type Options

X4LED	= Cree XHP50.2 LED
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(d) Beam Options

SP	= Spot 17°	NFL	= Narrow Flood 26°
FL	= Flood 40°	LM	= Luminosity Flood 50° Vertical Illumination with 5/8" glow extension

(e) Fixture Color Options

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

*Zinc based powder coat paint for weatherization

(f) Fixture Length Options

L4	= Standard 4" Length	L12	= 12" Fixture Length
L18	= 18" Fixture Length	L22	= 22" Fixture Length
C24 - C60	= Custom Size*		

*Select any length between 24" and 60" in whole inch increments

(g) Stem Options

S6	= Stem Size 6"	S18	= Stem Size 18"
S12	= Stem Size 12"	CS	= Custom Stem (up to 96" for flat canopy)

(h) Installation Options

2CP	= 2" Canopy Plate	SPK	= Ground Spike
2.75CP	= 2.75" Canopy Plate	WM	= Wall Mount 90° Elbow
4.5CP	= 4.5" Canopy Plate	WC	= Wiring Compartment
CM	= Center Mount	CML	= Center Mount Lock

(i) 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 - 100K warmer. 2700k to 2500K	
DH	= Dimmed Halogen - 400K warmer. 2700k to 2300K	

(j) Options

RMT14	= 14Watt 12V AC MLV Step Down Transformer
RMT60	= 60Watt 12V AC MLV Step Down Transformer
RMT150	= 150Watt 12V AC MLV Step Down Transformer
RMT300	= 300Watt 12V AC MLV Step Down Transformer
120V	= 120VAC 60Hz (Standard)
230V	= 230VAC 50Hz
277V	= 277VAC 60Hz
80+	= CRI over 80
90+	= CRI over 90

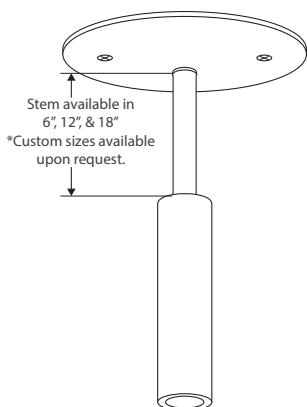
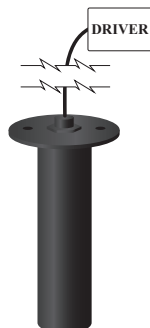
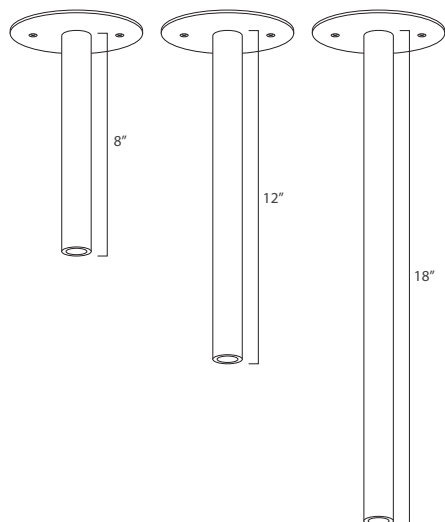
(k) Color Temperature Options

White LED	Colored/Themed LED
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 Absolute Light option

SMR1-601-PAR8-FIX-WL

IP66 Wet Listed Fixed Mono Point

Project Name:		Type:	
Catalog Number:		Date:	

New Construction and Retrofit**Remote Transformer (2" plate with fixture mounting holes)****Optional Fixture Lengths (8", 12", & 18")****Housing**

- 100% aluminum construction

Electrical

- Optional - 12V AC remote magnetic class 2 transformer
- 120V, 230V, or 277V

LED

- CREE XHP50
- 1500 milliamps maximum
- Operates between 350 to 525 milliamps
- 100,000+ L70 life

LED Driver

- D – 2 wire forward phase .01% LED driver fade to off glow to on
- ED – 2 wire reverse phase 1% LED driver - up to 4 fixtures
- 0-10V – 4 wire 1% LED driver
- 0-10V4 – 4 wire 1% LED driver, up to 4 fixtures
- Absolute Light – Remote mount class 2 48V din rail .001% LED system
- ABSX – DMX Absolute Light .001% RGBW dimming

Optics

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

Installation

- EMT Connector – Push Lock EMT Connector Installation

Certification

- UL Wet Listed – IP66

Warranty

- 5 Year = 100,000 hr. L70 life

SMR1-601-PAR8-FIX-WL

IP66 Wet Listed Fixed Mono Point

Project Name:		Type:	
Catalog Number:		Date:	

Wattage & Lumen Output**300 Milliamps - 500 Lumens**

5W	ON/OFF
	0-10V 1% Dimming
	ED
7W	MLV <1% Dimming

700 Milliamps

10W	Red - Up to 150 Lumens
	Green - Up to 150 Lumens
	Blue - Up to 150 Lumens
	White - Up to 300 Lumens

525 Milliamps - 900 Lumens

11W	ON/OFF
	0-10V 1% Dimming
	ED
14W	MLV <1% Dimming

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

	700 mA RGBW3K	700 mA White 3K
Red	160	
Green	310	
Blue	46	
White	260	
Total	776	907

*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.

3 Step CREE XHP50(3) 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

Narrow Flood 26°

2'	559 fc	0.9'
4'	140 fc	1.9'
6'	62 fc	2.8'
8'	35 fc	3.7'
10'	22 fc	4.7'
12'	16 fc	5.6'

11W PAR8 - 525mA - 670 lm

Flood 40°

2'	402 fc	1.5'
4'	101 fc	2.9'
6'	45 fc	4.4'
8'	25 fc	5.9'
10'	16 fc	7.4'
12'	11 fc	8.8'

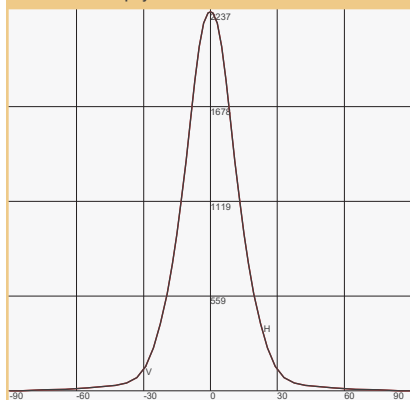
11W PAR8 - 525mA - 907 lm

Zonal Flux and Percentages

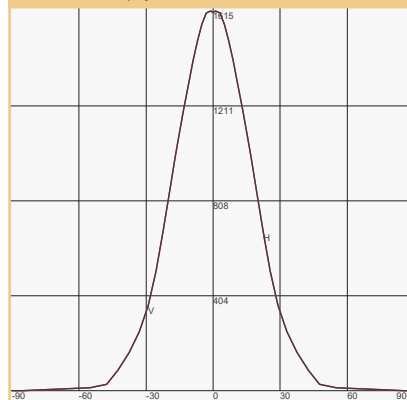
Zone	%Luminaire
0-20	63
0-30	83.3
0-40	89.8
0-60	95.8
0-80	99.2
0-90	100
10-90	77.9
20-40	26.7
20-50	30.6
40-70	8
60-80	3.4
70-80	1.4
80-90	0.8

Zonal Flux and Percentages

Zone	%Luminaire
0-20	47.3
0-30	74.3
0-40	88.5
0-60	97.5
0-80	99.5
0-90	100
10-90	87.1
20-40	41.2
20-50	48.7
40-70	10.1
60-80	2
70-80	0.9
80-90	0.5

Axial Candela Display

Maximum Candela = 2237 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

Axial Candela Display

Maximum Candela = 1615 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

Clarté Lighting

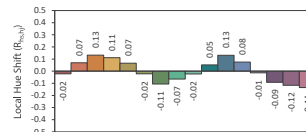
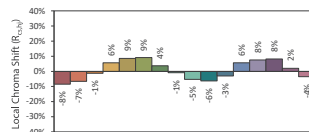
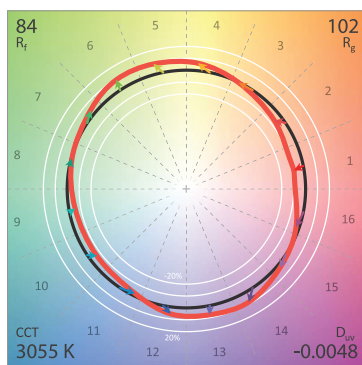
SMR1-601-PAR8-FIX-WL

IP66 Wet Listed Fixed Mono Point

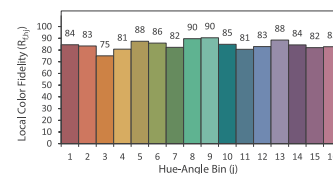
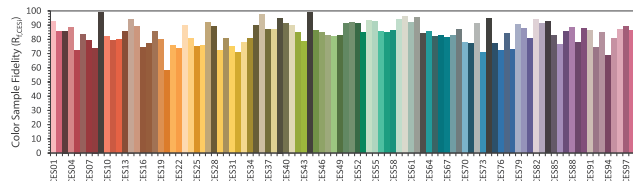
TM-30-18 Color Metrics

Project Name:		Type:	
Catalog Number:		Date:	

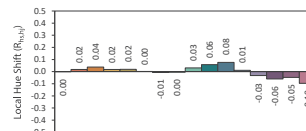
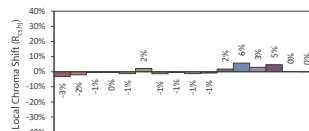
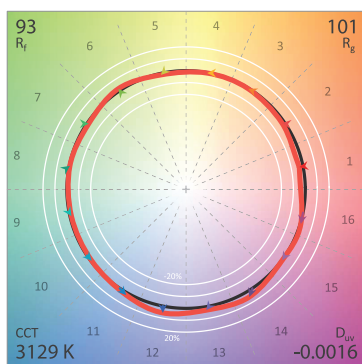
Clarté Lighting 3000K 80+ CRI Color Metrics



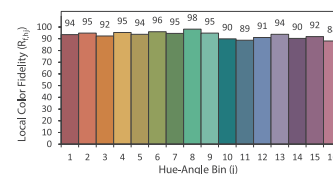
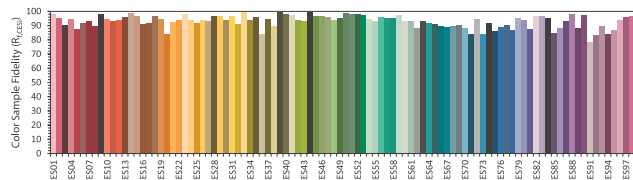
CIE 13.3-1995 (CRI)
R _a 86
R ₉ 29



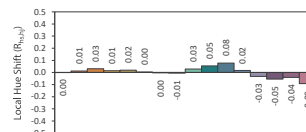
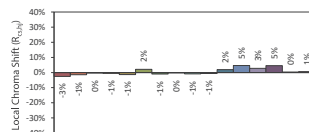
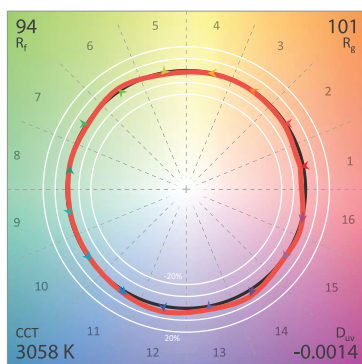
Clarté Lighting 3000K 90+ CRI Color Metrics



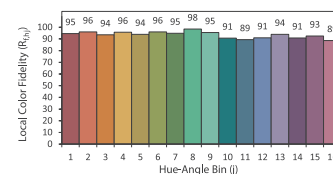
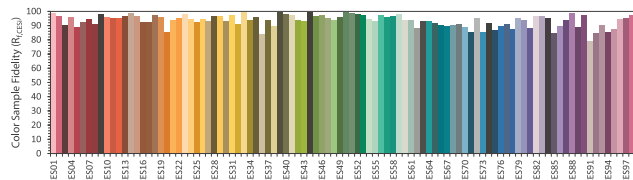
CIE 13.3-1995 (CRI)
R _a 95
R ₉ 74



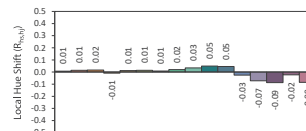
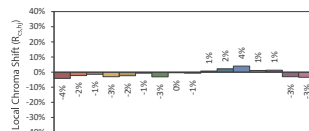
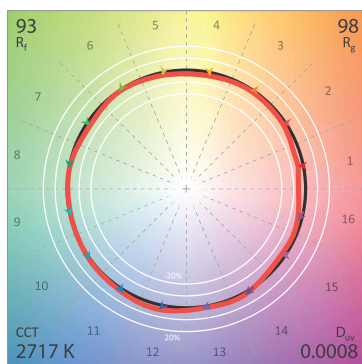
Clarté Lighting 3000K 90+ CRI Halogen Lens (H) Color Metrics



CIE 13.3-1995 (CRI)
R _a 96
R ₉ 79



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



CIE 13.3-1995 (CRI)
R _a 95
R ₉ 64

