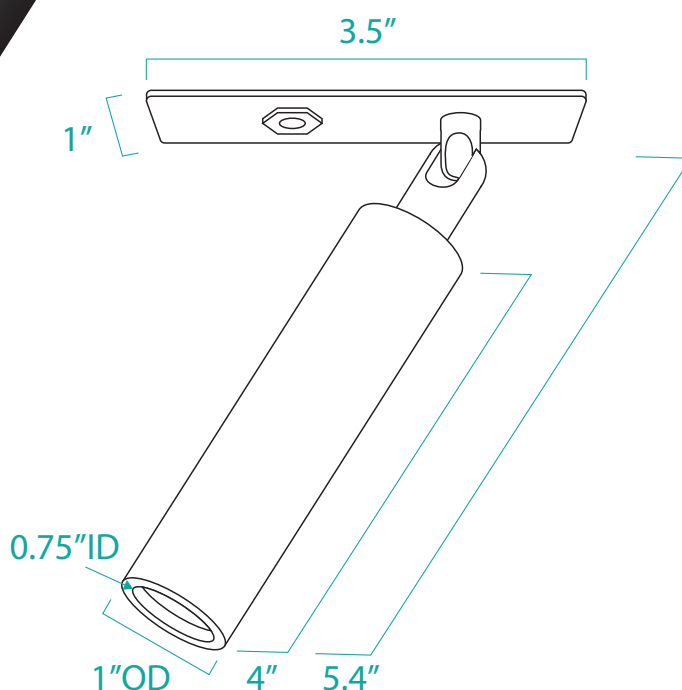


SMR1-601-PAR8-ADJ-WS1"

1-Lamp Adjustable, 1" Wood Slat Ceiling

Project Name:		Type:	
Catalog Number:		Date:	

**Key Features**

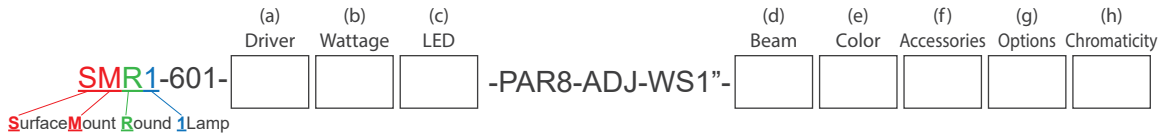
- $\frac{3}{4}$ " ID & 1" OD LED Optic
- TIR Discrete LED optic
- High CBCP SP = 2226
- 4 Beam Spreads – Spot (19°), Narrow Flood (26°) or Flood (40°), Luminosity (50° with Vertical Illumination)
- Up to 3 accessories – Louver, linear spread lens, wide flood, lens so fern, halogen warming lens, dimmed halogen warming lens
- Class 2 = 12V AC Remote LED Driver
- UL = Damp Listed

LED Source Details

- LED Source Details CREE XHP50.2
- LED maximum rating = 1500 mA
- Operating Range = 350 mA to 500 mA
- Operating 15% to 33% of Rated Value
- Fixture Wattage Range = 5W to 14W
- L70 life = 100,000+ hrs.
- Lumens per 1" optic = 450

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

Last revised: 01/05/2026



(a) Driver Options

- E = ON/OFF (Electronic)
- 0-10V* = Remote Mount 0-10V driver for single fixture (4 wire)
- DALI* = 0.1% Digital Addressable Lighting Interface V2 (4 fixture)
- ABS = 0.001% Absolute Light Dimming (use with RGBW)
- ABSX = 0.001% DMX Absolute Light Dimming (use with RGBW)

*Single LED driver will operate 1 or 2 fixtures

(b) Wattage Options

- 5W = ON/OFF, 0-10V 1% (350 milliamps), 450 lumens
- 10W = Absolute Light
- 11W = ON/OFF, 0-10V 1% (700 milliamps), 450 lumens

(c) LED Type Options

- X4LED = Cree XHP50.2 LED

(d) Beam Options

- SP = Spot 17° NFL = Narrow Flood 26°
- FL = Flood 40° LM = Luminosity Flood 50° Vertical Illumination with ¾" glow extension

(e) Fixture Color Options

- BLK = Black
- WHT = White
- PWT = Pewter
- Select Custom Color (Review Website for Over 6,500 Color Options)

clartelighting.com/wp-content/uploads/2024/03/Clart%C3%A9-Color-Options.pdf

(f) 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

(g) Options

- 120V = 120VAC 60Hz (Standard)
- 230V = 230VAC 50Hz
- 277V = 277VAC 60Hz
- EMG = Remote 90min Emergency Back-Up
- 80+ = CRI over 80
- 90+ = CRI over 90

(h) Color Temperature Options

- White LED

27K = 2700 Kelvin (incandescent color)

30K = 3000 Kelvin (halogen color)

35K = 3500 Kelvin (warm incandescent)

40K = 4000 Kelvin (cool incandescent)

50K = 5000 Kelvin (day white)

Colored/Themed LED

RGBW3K* = Red, Green, Blue, White

RGBW4K* = Red, Green, Blue, White

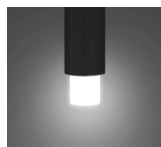
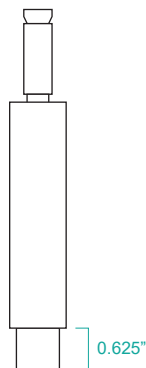
*Must utilize DMX fixture option

SMR1-601-PAR8-ADJ-WS1"

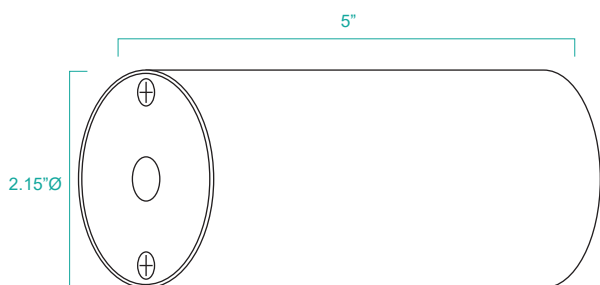
1-Lamp Adjustable, 1" Wood Slat Ceiling

Project Name:		Type:	
Catalog Number:		Date:	

Luminosity Accessory



Driver Dimensions

**Fixture**

- 100% outer sleeve and heat sync - aluminum extrusion

Electrical

- Remote constant current LED driver
- Input 120V/277V 60 cycles
- Output - 12V DC
- LED = CREE XHP50
- 1500 milliamps maximum driver current rating
- Operates at 350 or 500 milliamps – 23% or 33% rated current
- 0-10V – 4 wire 1% LED driver
- DALI2 – 4 wire 1% LED driver
- Operate 1 or 2 fixtures per 0-10V or DALI LED Driver
- Absolute Light RGBW DMX or NON DMX
- Absolute Light – Remote mount class 2 48V din rail .001% LED system
- Absolute Light DMX = 16-bit RMD DMX - 65,536 dimming steps fade to OFF glow to ON

Optics

- 45-degree vertical cut off
- TIR injection molded polycarbonate precision LED optic
- TIR optic for discrete precision LED creates High Center Beam Candela (CBCP)

Mounting

- 1" x 8" aluminum channel with center 5/8" IPS nipple with washer and hex nut

Listing

- UL Listed – Damp Listed Warranty

Warranty

- 5 Year = 100,000+ hr. L70 life

Clarté Lighting

SMR1-601-PAR8-ADJ-WS1"

1-Lamp Adjustable, 1" Wood Slat Ceiling

Photometrics

Project Name:		Type:	
Catalog Number:		Date:	

Wattage & Lumen Output

300 Milliamps - 500 Lumens		700 Milliamps	
5W	ON/OFF 0-10V 1% Dimming ED	10W	Red - Up to 150 Lumens Green - Up to 150 Lumens Blue - Up to 150 Lumens White - Up to 300 Lumens
7W	MLV <1% Dimming		
525 Milliamps - 900 Lumens		700 Milliamps - 1150 Lumens	
11W	ON/OFF 0-10V 1% Dimming ED	15W	ON/OFF 0-10V 1% Dimming ED
14W	MLV <1% Dimming	14W	MLV <1% Dimming DMX

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

	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.

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

Narrow Flood 26°

2'	699 fc	0.9'
4'	175 fc	1.9'
6'	78 fc	2.8'
8'	44 fc	3.7'
10'	28 fc	4.7'
12'	20 fc	5.6'

15W PAR8 - 700mA - 893 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

Flood 40°

2'	503 fc	1.5'
4'	127 fc	2.9'
6'	57 fc	4.4'
8'	32 fc	5.9'
10'	20 fc	7.4'
12'	14 fc	8.8'

15W PAR8 - 700mA - 1209 lm

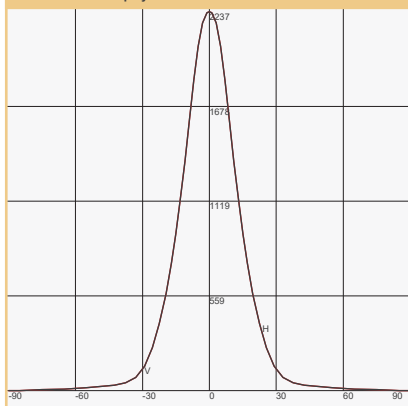
Zonal Flux and Percentages

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

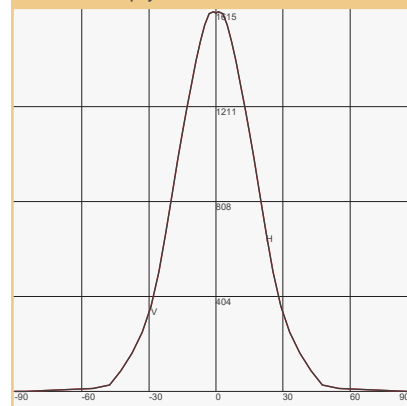
Zone	%Luminaire
0-20	47.3
0-30	74.3
0-40	88.5
0-60	97.5
0-80	99.5
0-90	100
10-90	87.1
20-40	41.2
20-50	48.7
40-70	10.1
60-80	2
70-80	0.9
80-90	0.5

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

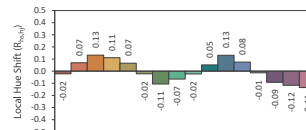
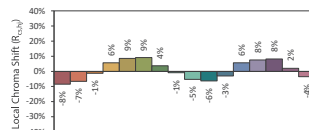
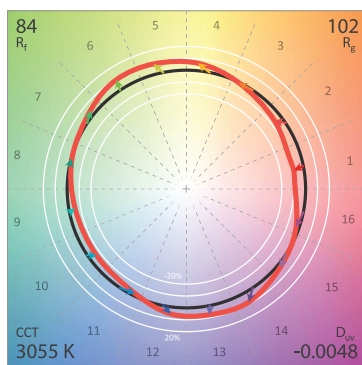
SMR1-601-PAR8-ADJ-WS1"

1-Lamp Adjustable, 1" Wood Slat Ceiling

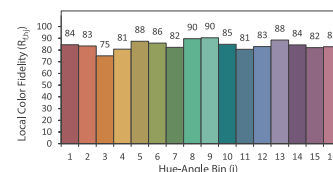
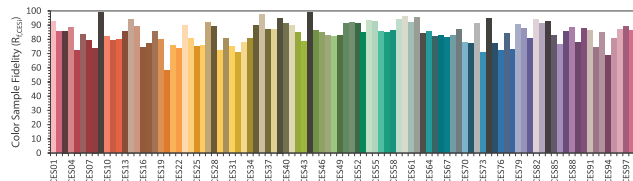
TM-30-18 Color Metrics

Project Name:		Type:	
Catalog Number:		Date:	

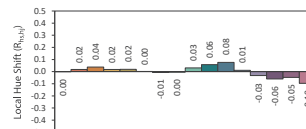
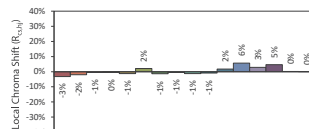
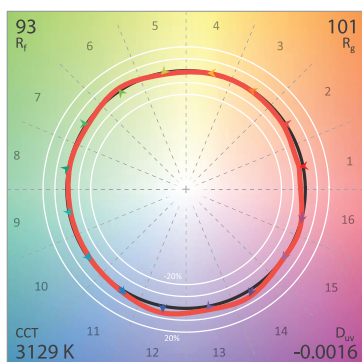
Clarté Lighting 3000K 80+ CRI Color Metrics



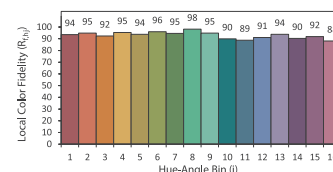
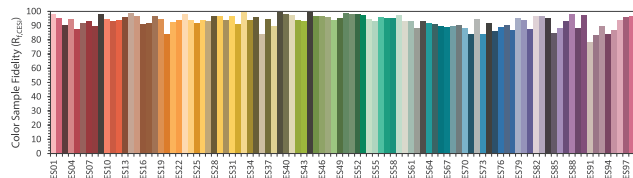
CIE 13.3-1995 (CRI)
R _a 86
R _g 29



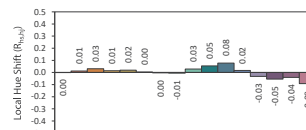
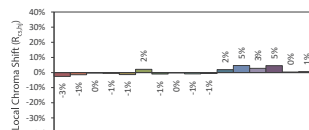
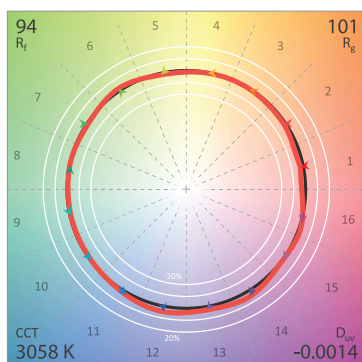
Clarté Lighting 3000K 90+ CRI Color Metrics



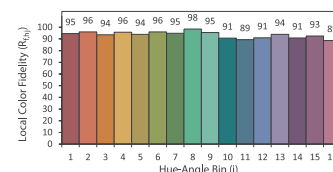
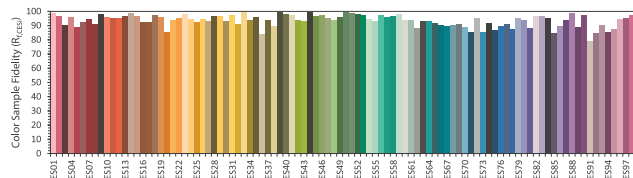
CIE 13.3-1995 (CRI)
R _a 95
R _g 74



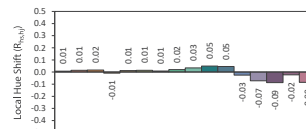
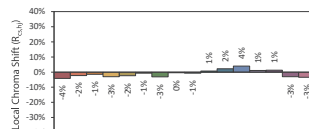
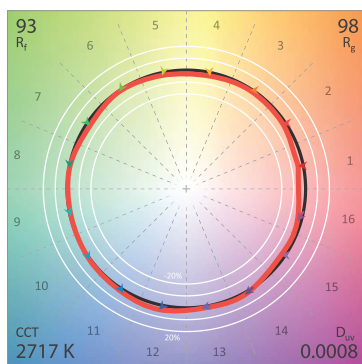
Clarté Lighting 3000K 90+ CRI Halogen Lens (H) Color Metrics



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

