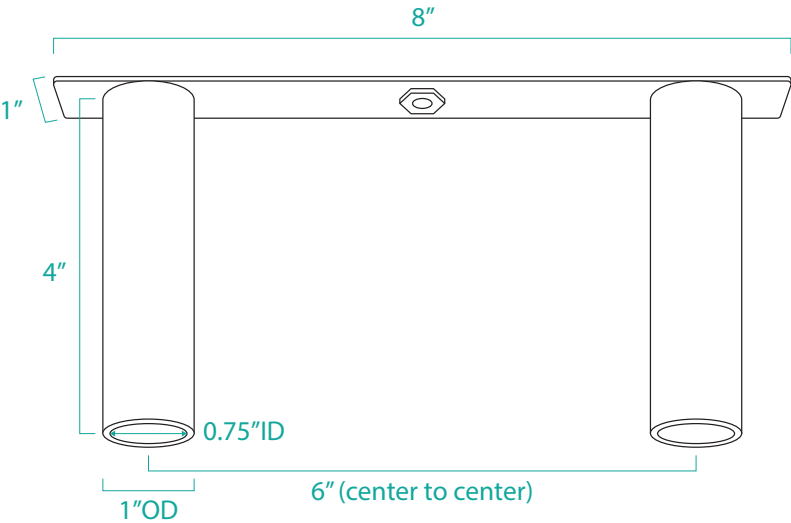
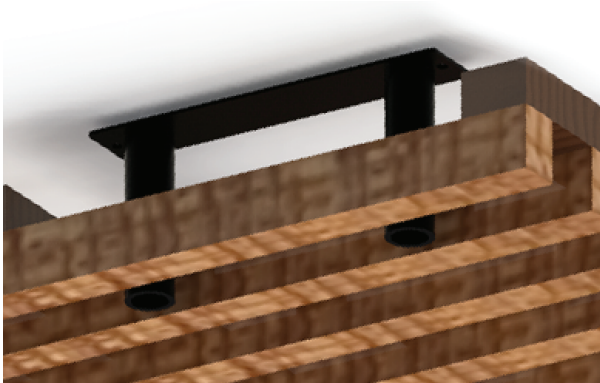




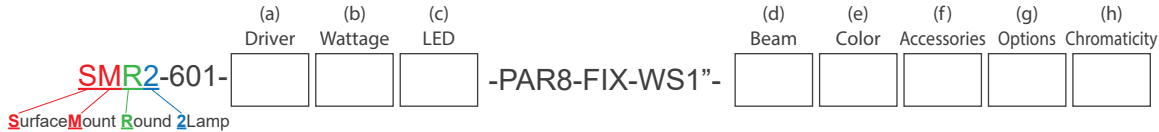
Key Features

- ¾" 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 or 900 Lumens
 - Lumens per 2 x 1" PAR8 optic = 900 or 1800 lumens
- Patent No.: US 10,208,928 B1
Other Patents Pending

Last revised: 01/05/2026



(a) Driver Options		(f) Optical and Accessory Options	
E	= ON/OFF (Electronic)	LS	= Lens Softener - +20% increase in beam width. Shields optical face visually. Softens edges of beam.
0-10V*	= Remote Mount 0-10V driver for single fixture (4 wire)		
DALI*	= 0.1% Digital Addressable Lighting Interface V2 (4 fixture)	LSL	= Linear Spread Lens - Horizontal or vertical beam elongation.
ABS	= 0.001% Absolute Light Dimming (use with RGBW)		
ABSX	= 0.001% DMX Absolute Light Dimming (use with RGBW)	WFL	= Wide Flood Lens - Wall washing increases the beam by 50% width with elimination of center beam.
*Single LED driver will operate 1 or 2 fixtures			
(b) Wattage Options		LV	= Louver - Small black hexcel louver eliminates all surface brightness. Creates stronger vertical cut off with -20% beam width.
5W	= ON/OFF, 0-10V 1% (350 milliamps), 450 lumens X2 = 900 delivered lumens		
10W	= Absolute Light	CHL	= Cross Hiar Louver
11W	= ON/OFF, 0-10V 1% (500 milliamps), 450 lumens X2 = 1800 delivered lumens		
(c) LED Type Options		H	= Halogen - 100K warmer. 2700k to 2500K
X4LED	= Cree XHP50.2 LED	DH	= Dimmed Halogen - 400K warmer. 2700k to 2300K
(d) Beam Options		(g) Options	
SP	= Spot 17°	120V	= 120VAC 60Hz (Standard)
FL	= Flood 40°	230V	= 230VAC 50Hz
NFL	= Narrow Flood 26°	277V	= 277VAC 60Hz
LM	= Luminosity Flood 50° Vertical Illumination with ¾" glow extension	EMG	= Remote 90min Emergency Back-Up
(e) Fixture Color Options		80+	= CRI over 80
BLK	= Black	90+	= CRI over 90
WHT	= White	(h) Color Temperature Options	
PWT	= Pewter	White LED	
Select Custom Color (Review Website for Over 6,500 Color Options)		27K = 2700 Kelvin (incandescent color)	
clartelighting.com/wp-content/uploads/2024/03/Clart%C3%A9-Color-Options.pdf		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	

Clarté Lighting

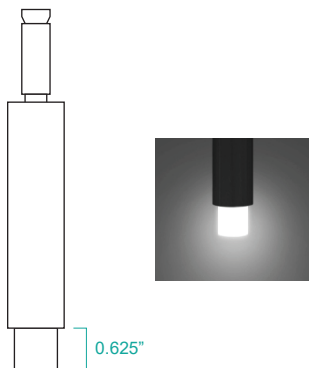
SMR2-601-PAR8-FIX-WS1"

2-Lamp Fixed, 1" Wood Slat Ceiling

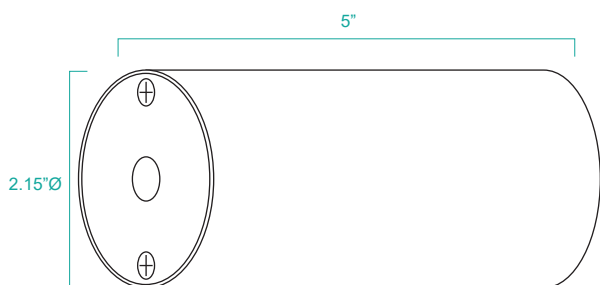
Specifications

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

SMR2-601-PAR8-FIX-WS1"

2-Lamp Fixed, 1" Wood Slat Ceiling

Photometrics

Project Name:		Type:	
Catalog Number:		Date:	

Wattage & Lumen Output

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

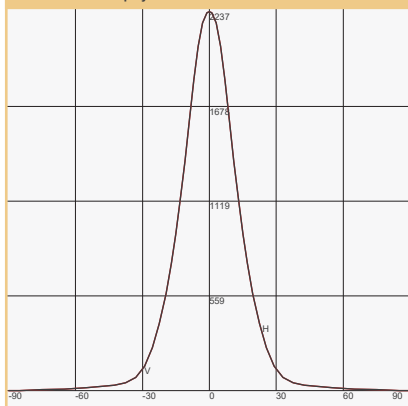
Zonal Flux and Percentages

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

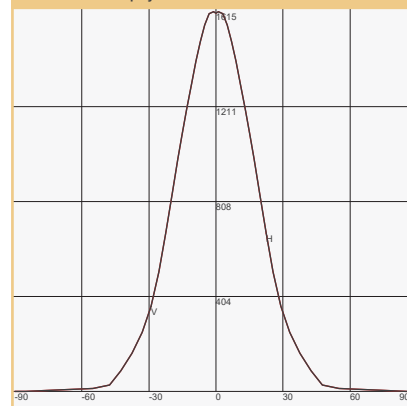
Zone	%Luminaire
0-20	47.3
0-30	74.3
0-40	88.5
0-60	97.5
0-80	99.5
0-90	100
10-90	87.1
20-40	41.2
20-50	48.7
40-70	10.1
60-80	2
70-80	0.9
80-90	0.5

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

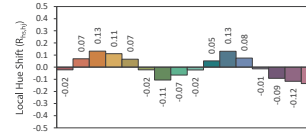
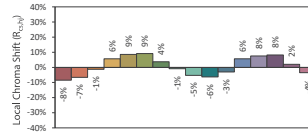
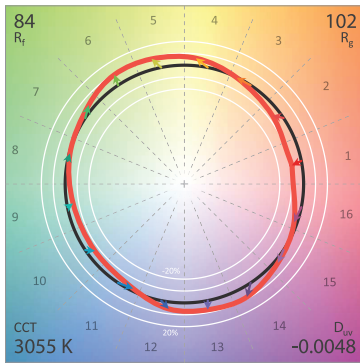
SMR2-601-PAR8-FIX-WS1"

2-Lamp Fixed, 1" Wood Slat Ceiling

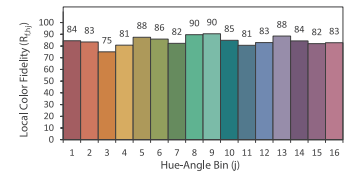
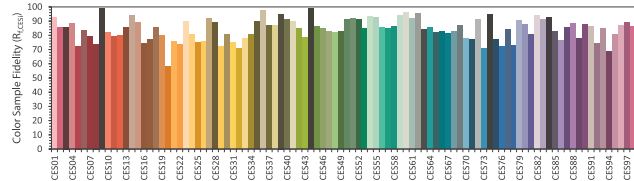
TM-30-18 Color Metrics

Project Name:		Type:	
Catalog Number:		Date:	

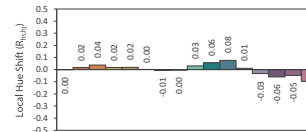
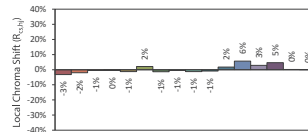
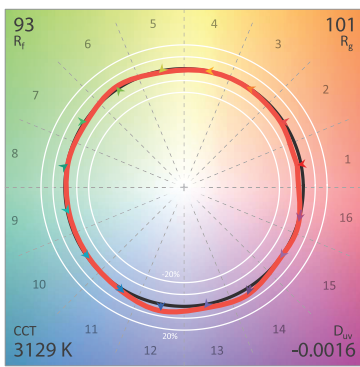
Clarté Lighting 3000K 80+ CRI Color Metrics



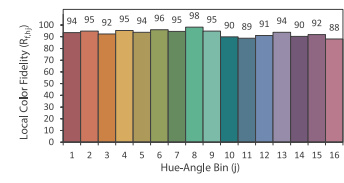
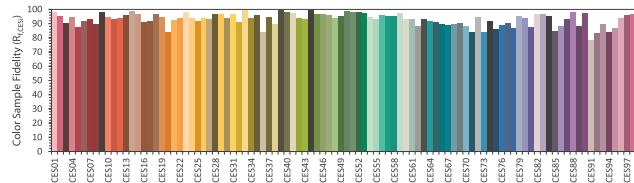
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(CRI)
R_a 86
R_g 29



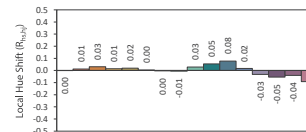
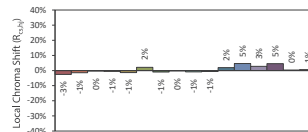
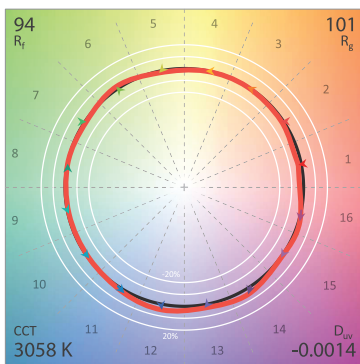
Clarté Lighting 3000K 90+ CRI Color Metrics



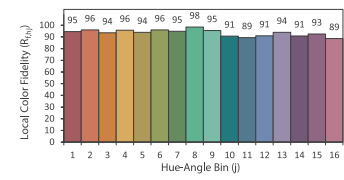
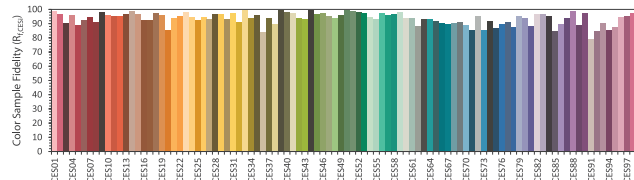
CIE 13.3-1995
(CRI)
R_a 95
R_g 74



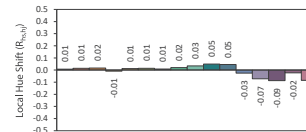
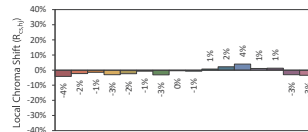
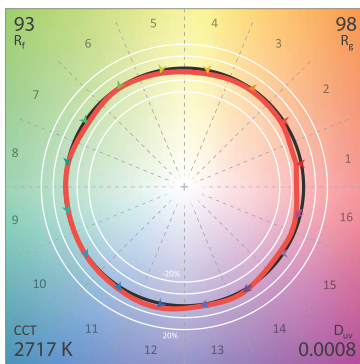
Clarté Lighting 3000K 90+ CRI Halogen Lens (H) Color Metrics



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

