Project Name:		Type:	
Catalog Number:		Date:	

Canopy Plate

Trimless - Plaster

Trimless - Wood

Ø 4.5″

MLV version w driver on top
Remote driver options available

1″Ø

4″   5.4″

.75″
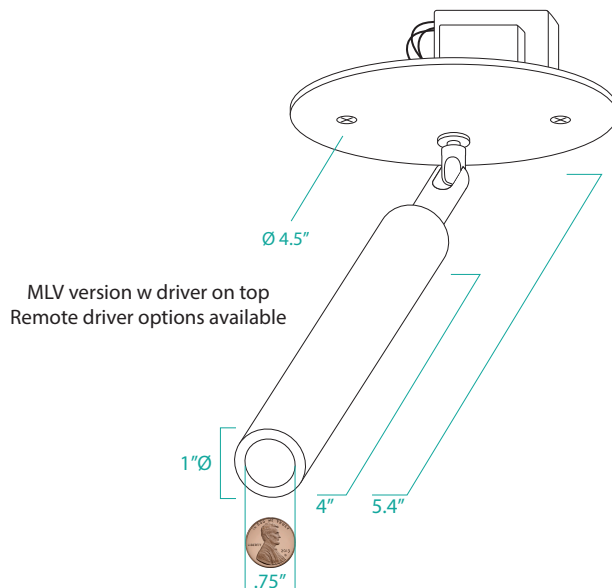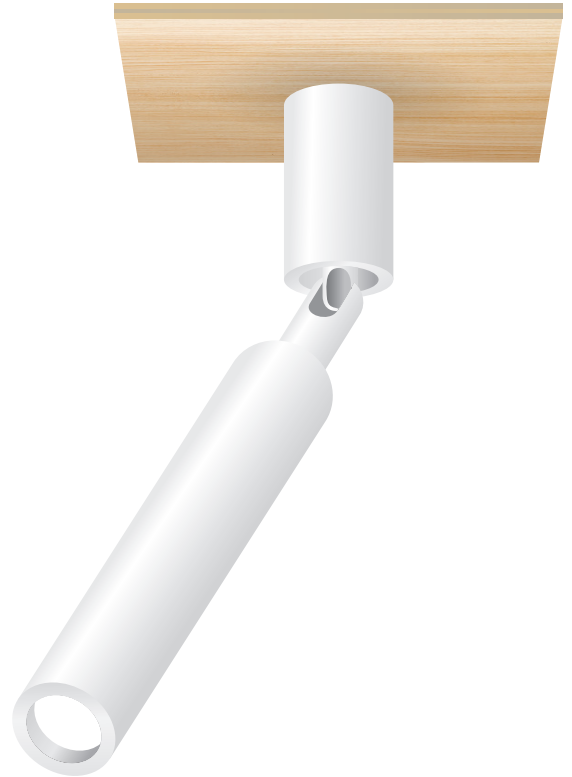
Key Features

- ADA Compliant = 1.625" depth
- ¾" ID & 1" OD LED Optic
- 4 Beam Spreads – Spot (17°), Narrow Flood (26°)
  or Flood (40°), Luminosity (50° with Vertical Illumination)
- Class 2 = 12V, 24V or 48V
- Accepts Up to 3 Optical Accessories
- UL = IP66

LED Source Details

CREE XHP50.2 LED maximum rating = 1500 mA
- Operating Range = 350 mA to 525 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
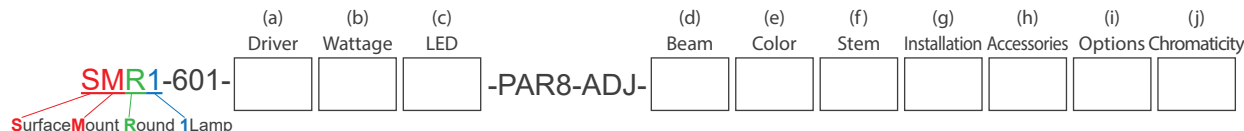Other Patents Pending

Last revised: 01/05/2026

SMR1-601-PAR8-ADJ
Adjustable Mono Point

Project Name:		Type:	
Catalog Number:		Date:	

(a) Driver | **(b)** Wattage | **(c)** LED | **(d)** Beam | **(e)** Color | **(f)** Stem | **(g)** Installation | **(h)** Accessories | **(i)** Options | **(j)** Chromaticity

SMR1-601- [ ] [ ] [ ] -PAR8-ADJ- [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Surface **M**ount **R**ound **1** Lamp

(a) Driver Options

D	= 0.1% MLV 12V AC Dimming (2 wire)
E	= ON/OFF (Electronic)
ED	= 1% Electronic Reverse Phase Dimming (2 wire)
12V AC	= 0.1% PWM AC Remote Magnetic Dimming (2 wire)
24V DC	= 0.1% PWM DC Remote Magnetic Dimming (2 wire)
0-10V*	= Remote Mount 0-10V driver for single fixture (4 wire)
0-10V 2	= Remote Mount 0-10V driver for up to 2 fixtures (4 wire)
0-10V 3	= Remote Mount 0-10V driver for up to 3 fixtures (4 wire)
0-10V 4**	= Remote Mount 0-10V driver for up to 4 fixtures (4 wire)
DALI2	= 0.1% Digital Addressable Lighting Interface V2
DALI2-4***	= 0.1% Digital Addressable Lighting Interface V2 (4 fixture)
RDM DMX	= 0.001% 16 Bit, 4-Channel Dimming (2 wire with CAT5)
ABS	= 0.001% Absolute Light Dimming (use with RGBW)
ABSX	= 0.001% DMX Absolute Light Dimming (use with RGBW)

*Remote 0-10V LED driver operates single fixture 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
***Operates up to 4 recessed LED light fixtures with remote LED driver

(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

(d) Beam Options

SP	= Spot 17°	NFL	= Narrow Flood 26°
FL	= Flood 40°	LM	= Luminosity Flood 50° Vertical Illumination with ⅝" 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) Stem Options

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

(g) Installation Options

2CP	= 2" Canopy Plate
2.75CP	= 2.75" Canopy Plate
4.5CP	= 4.5" Canopy Plate
CMR	= Center Mount Remote
CML	= Center Mount Lock
TLP	= Trimless Plaster
TLW	= Trimless Wood
TL2	= Trimless with 2" Fixture Extension Length
TL4	= Trimless with 4" Fixture Extension Length
PM	= Praying Mantis
SPK	= Ground Spike
WM	= Wall Mount 90° Elbow
WC	= Wiring Compartment
BCPS	= Blind Canopy Plate Trimless Stem

(h) 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 elimniates 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

(i) Options

RMT	= Remote Driver Other than MLV Step Down Transformer
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
WL	= IP66 Wet Listed (Pending)
EMG	= Remote 90min Emergency Back-Up
80+	= CRI over 80
90+	= CRI over 90

(j) Color Temperature Options

| White LED		Colored/Themed LED	
27K	= 2700 Kelvin (incandescent color)	RGBW3K***	= Red, Green, Blue, White
30K	= 3000 Kelvin (halogen color)	RGBW4K***	= Red, Green, Blue, White
35K	= 3500 Kelvin (warm incandescent)		
40K	= 4000 Kelvin (cool incandescent)	**700 mA or less	
50K	= 5000 Kelvin (day white)	**Must utilize DMX fixture option	
65K	= 6500 Kelvin (12 noon sunlight)		

CREE LEDs
UL LISTED E492734
Made in the USA!

Clarté Lighting
SMR1-601-PAR8-ADJ
Adjustable Mono Point

Specifications

Project Name:		Type:	
Catalog Number:		Date:	

Trimless - 2-Part Design, 3D printed ASA plastic threaded insert
(must utilize remote ELV or 0-10V power supply)

Paint
Mud

Quick and easy install.
Line up slots and twist.
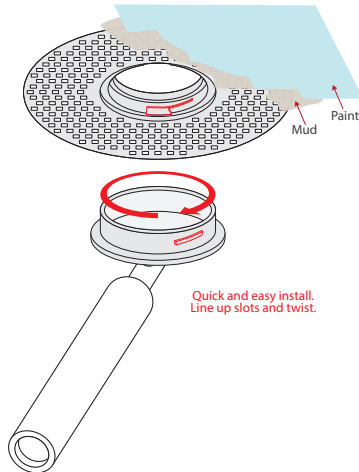
Blind Canopy Trimless Stem, 3D printed ASA plastic mud screen
(must utilize remote ELV or 0-10V power supply)

Drywall
Mud
Paint

Mesh screen
will cover hole

Stem available in
6", 12", & 18"
*Custom sizes available
upon request.
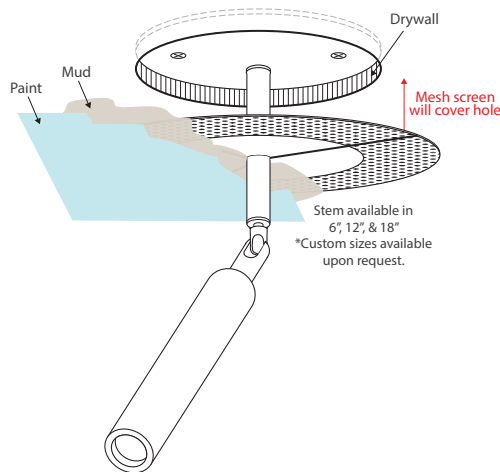
Housing
- 100% aluminum construction

Electrical
- Optional - 12V AC remote class 2
- Optional - 24V DC remote class 2
- 100V, 120V, 230V, 277V or 347V

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
- 0-10V – 3 wire 1% LED driver
- Absolute Light – Remote mount class 2 48V din rail .001% LED system
- 16-bit RMD DMX – 65,536 dimming steps fade to off glow to on

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

Installation
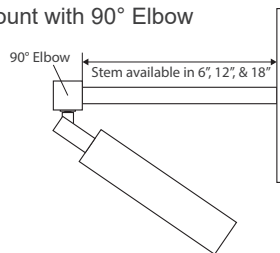- EMT Connector – Push Lock EMT Connector Installation
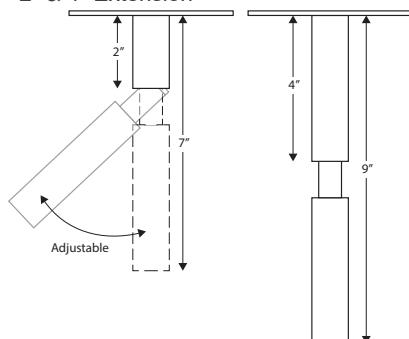
Certification
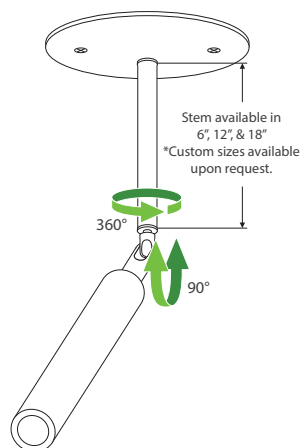- UL Wet Listed – IP66

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

Wall Mount with 90° Elbow

90° Elbow
Stem available in 6", 12", & 18"

2" & 4" Extension

2"
4"
7"
9"
Adjustable

New Construction and Retrofit

Stem available in
6", 12", & 18"
*Custom sizes available
upon request.

360°
90°

Remote Transformer 0-10 Driver
(2" plate with fixture mounting holes)

DRIVER
Ø 2"
Adjustable

Luminosity Accessory
0.625"
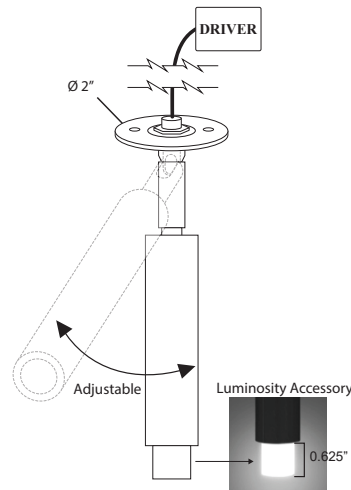
WC (Wiring Compartment)
Remote 12V MLV Transformer
(2.75" plate with fixture mounting holes)
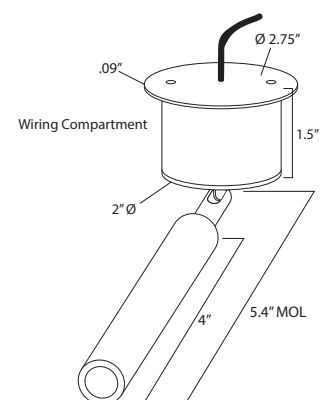
Ø 2.75"
.09"
Wiring Compartment
1.5"
2" Ø
4"
5.4" MOL

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750 W Golden Grove Way, Covina, CA 91702 / t: (626) 261-4242 / f: (626) 598-3750 / clartelighting.com

CLARTÉ LIGHTING
Made in the USA!
CREE LEDs
c UL us LISTED E492734

SMR1-601-PAR8-ADJ
Adjustable 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
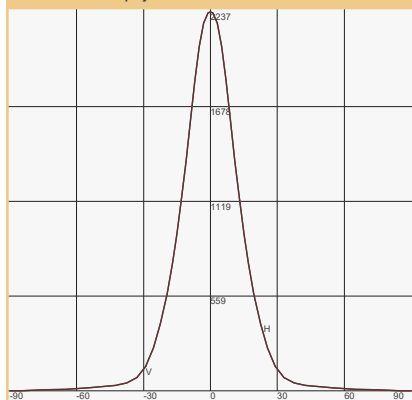
Maximum Candela = 2237   Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

Axial Candela Display
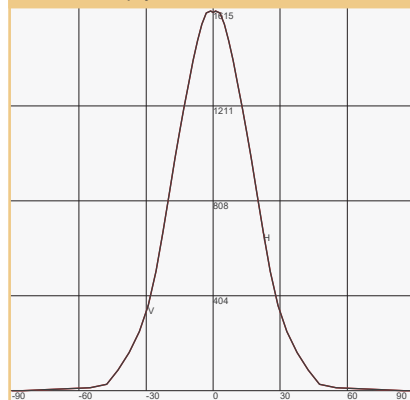
Maximum Candela = 1615   Located At Horizontal Angle =-1, Vertical Angle = 0
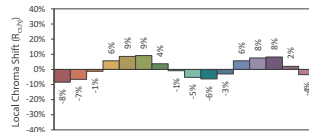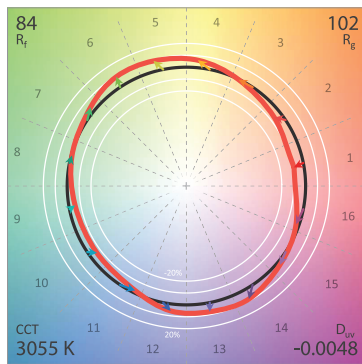H - Horizontal Axial Candela
V - Vertical Axial Candela
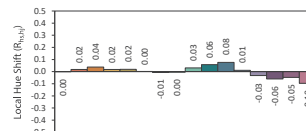
Project Name:		Type:	
Catalog Number:		Date:	

Clarté Lighting 3000K 80+ CRI Color Metrics

R_f 84 | R_g 102
CCT 3055 K | D_{uv} -0.0048
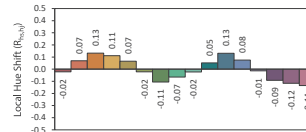
CIE 13.3-1995 (CRI): R_a 86, R_9 29
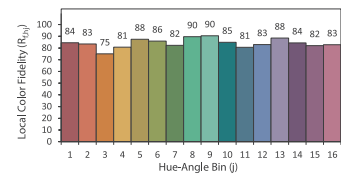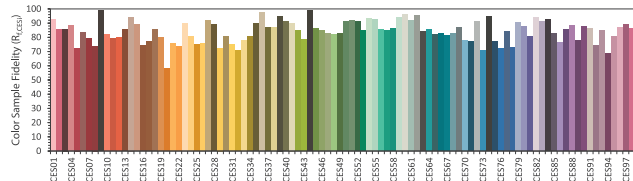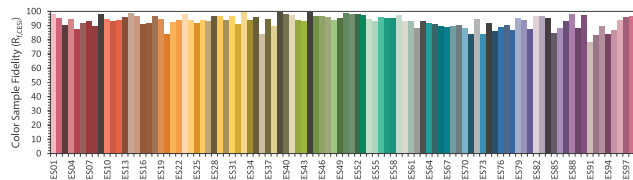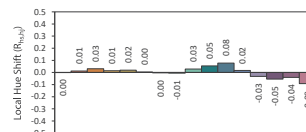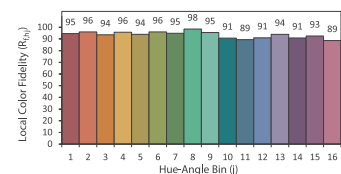
Clarté Lighting 3000K 90+ CRI Color Metrics

R_f 93 | R_g 101
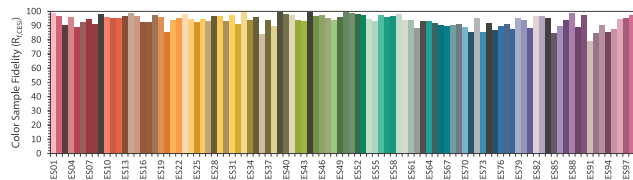CCT 3129 K | D_{uv} -0.0016
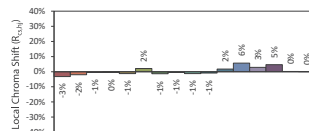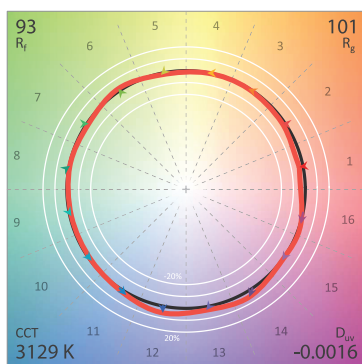
CIE 13.3-1995 (CRI): R_a 95, R_9 74
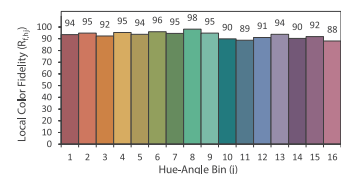
Clarté Lighting 3000K 90+ CRI Halogen Lens (H) Color Metrics

R_f 94 | R_g 101
CCT 3058 K | D_{uv} -0.0014
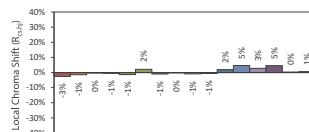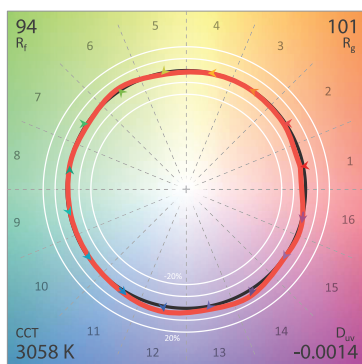
CIE 13.3-1995 (CRI): R_a 96, R_9 79

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

R_f 93 | R_g 98
CCT 2717 K | D_{uv} 0.0008

CIE 13.3-1995 (CRI): R_a 95, R_9 64

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