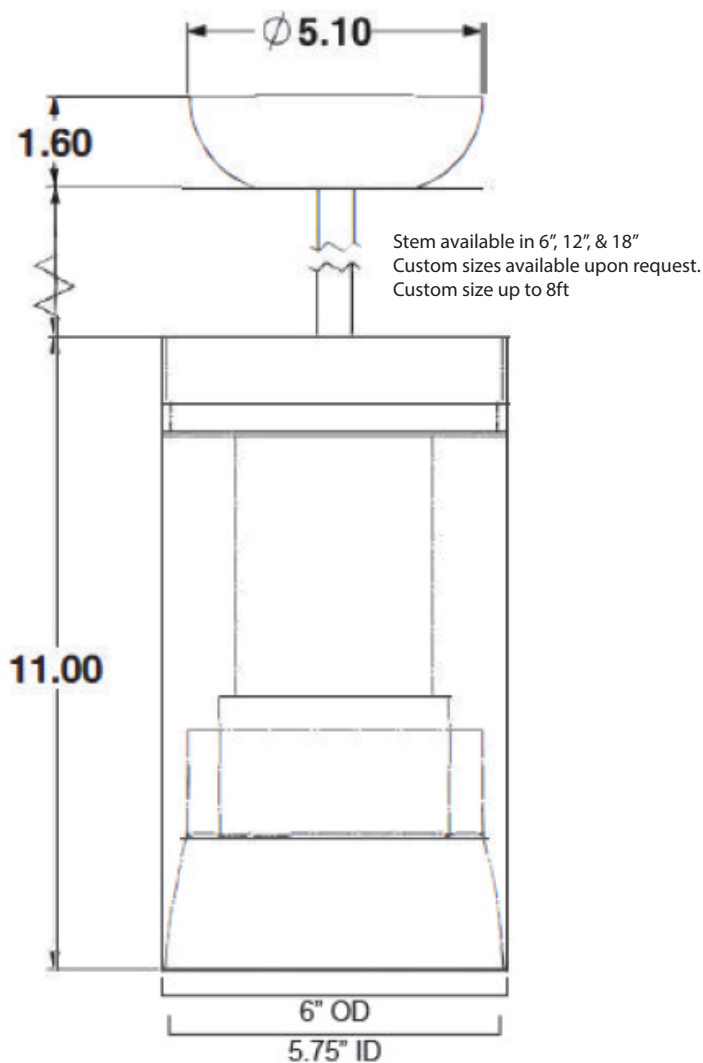
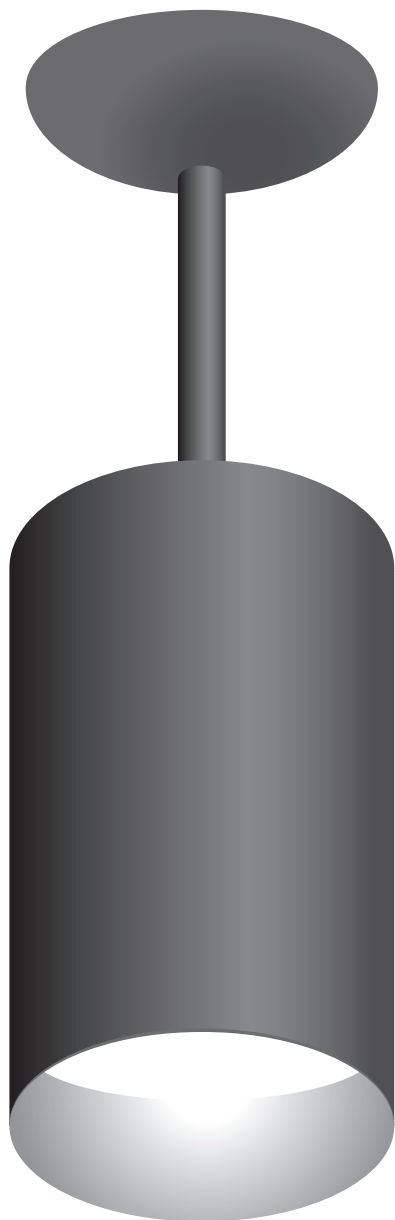


Project Name:		Type:	
Catalog Number:		Date:	

**Key Features**

- 4.5" OD
- Up to 4 accessories
- Remote transformer option
- Over 10,000+ fixture custom color finish options
- 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 = 4,500 lumens

Patent Pending

Last revised: 09/15/2025

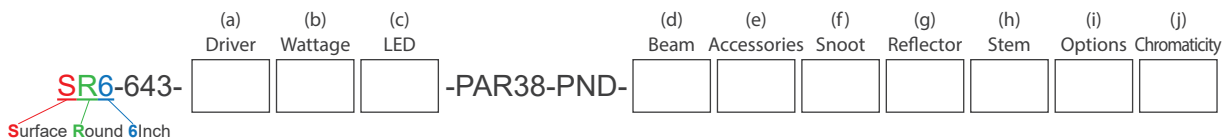
Clarté Lighting

SR6-643-PAR38-PND

6" Stem Mounted Cylinder

Ordering

Project Name:		Type:	
Catalog Number:		Date:	



(a) Driver Options

E = ON/OFF (Electronic)
D = MLV 1% Dimming (2 wire)
0-10V1 = 0-10V 1% Dimming (4 wire)
DMXRMT = Remote DMX Driver
DMXINL = Inline DMX Driver

(b) Wattage Options

64W = 1500 milliamps/4500 lumens,
ON/OFF, 0-10V, RDM DMX, or MLV
68W = 1200 milliamps/3600 lumens, MLV
72W = 600 milliamps/3000 lumens, RDM DMX RGBW

(c) Lamp Type Options

XLED = Cree XPL2 LED @ All Wattages

(d) Beam Options

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

(e) Optical and Accessory Options

Up to 4 Accessories - Toolless Field Changeable

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 - 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	

(f) Snoot Color Options

BLKS = Black Snoot
WHTS = White Snoot
PWT = Pewter Snoot
Select Custom Color (Review Website for Over 3,300 Color Options)

(g) Reflector Color Options

BLK = Black Reflector
WHT = White Reflector
SA = Satin Aluminum Reflector

(h) Stem Options

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

*Track only 6", 12", or 18"

(i) Options

EMG = 90min Emergency Back-Up Battery
80+ = CRI over 80
90+ = CRI over 90

(j) Color Temperature Options

White LED

22K* = 2200 Kelvin (candlelight color)
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)
65K = 6500 Kelvin (12 noon sunlight)

*1050 mA or less

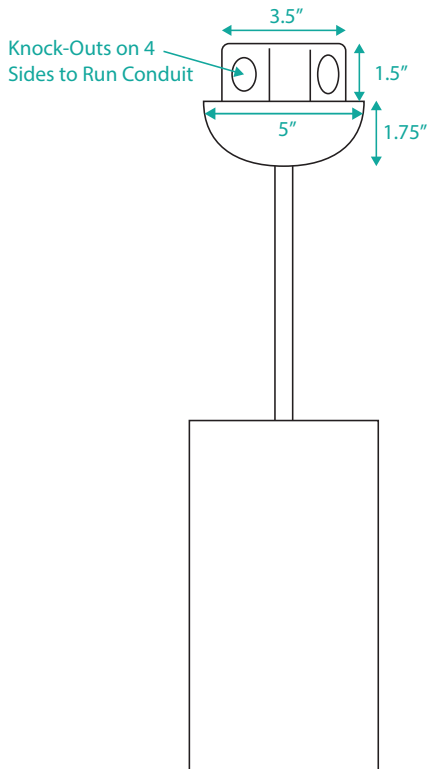
Colored/Themed LED

UV275** = 275 NM UV virus sterilizer
UV365*** = 365 NM UV black light
UV390*** = 390 NM UV black light
Blue*** = 465 - 485 NM wavelength
Green*** = 520 - 535 NM wavelength
Amber*** = 585 - 595NM wavelength
Red*** = 620 - 630 NM wavelength
RGBW3K**** = Red, Green, Blue, White
RGBW4K**** = Red, Green, Blue, White

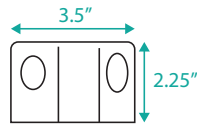
**500 mA
***700 mA
****Must utilize DMX @ 700 mA

Project Name:		Type:	
Catalog Number:		Date:	

J-Box Options



Optional Deeper J-Box

**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
- DC – 12V or 24V

Optics

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

Installation

- IPS Nipple - Unistrut (Not provided)

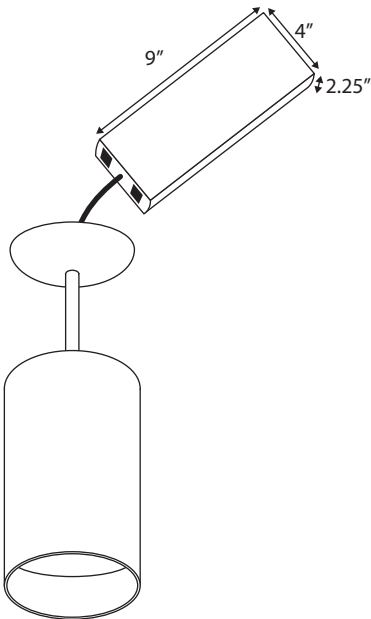
Certification

- UL Damp Listed – IP 52

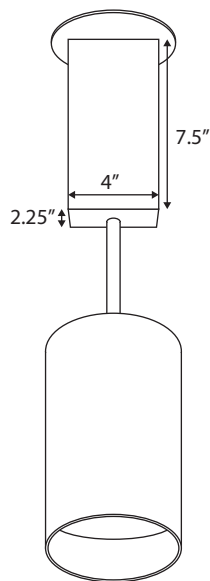
Warranty

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

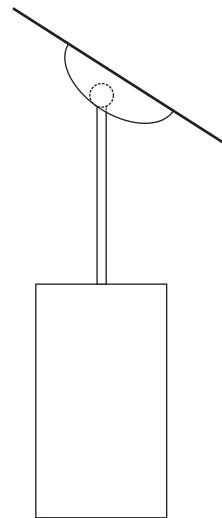
Remote DMX Driver



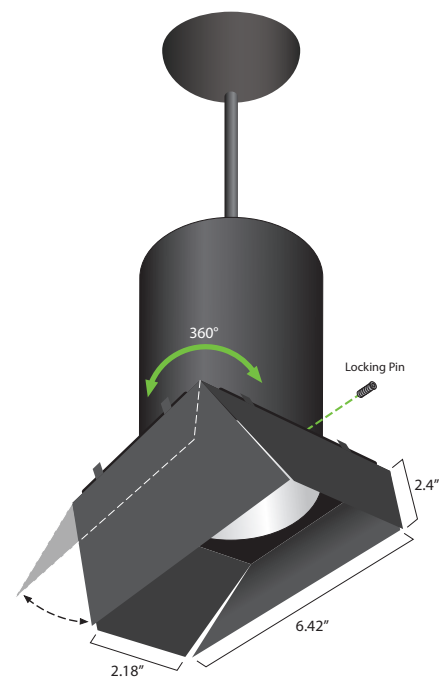
Inline DMX Driver



Ball Joint (for slope ceilings)



Hinged Barn Doors



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

3 Step CREE XPL2 LED	
<u>Kelvin-CRI</u>	<u>Multiplier</u>
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	

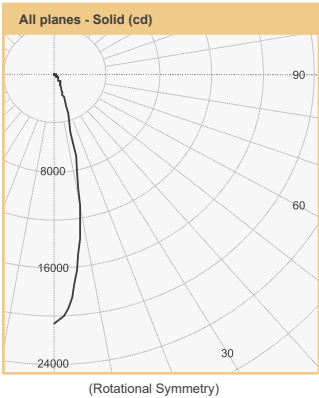
RGBW V2 Light Output Luminous Flux Clarté Lighting offers 100% of fixtures in optional RGBW3K or RGBW4K			
	Line Voltage 600 mA RGBW3K	ABS Light 700 mA RGBW3K	700 mA White 3K
Red	1728	1920	
Green	3348	3720	
Blue	497	552	
White	2808	3120	
Total	8381	9312	3377
*RGBW Fixtures are designed to not operate 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



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

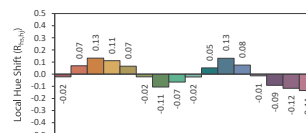
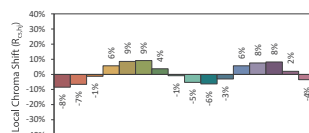
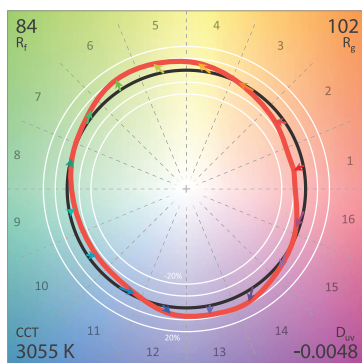
SR6-643-PAR38-PND

6" Stem Mounted Cylinder

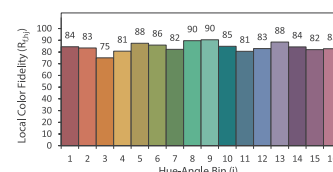
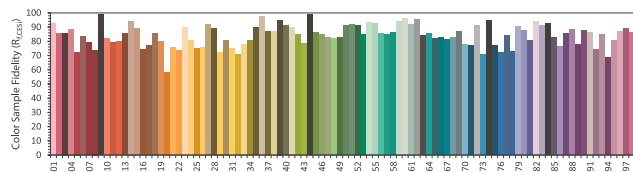
TM-30-18 Color Metrics

Project Name:		Type:	
Catalog Number:		Date:	

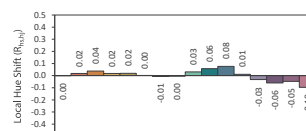
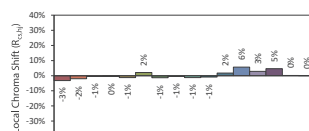
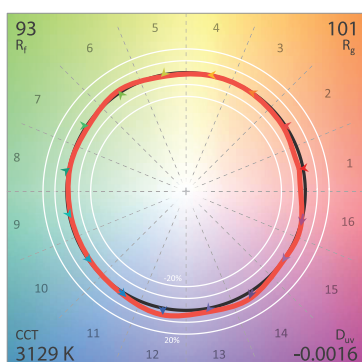
Clarté Lighting 3000K 80+ CRI Color Metrics



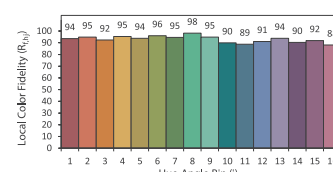
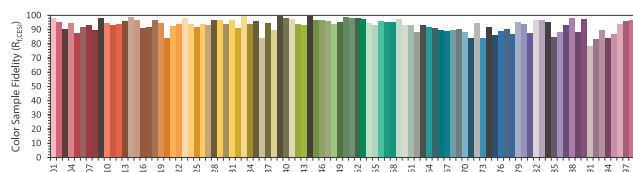
CIE 13.3-1995 (CRI)
R _a 86
R ₉ 29



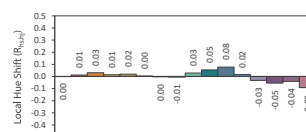
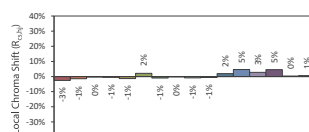
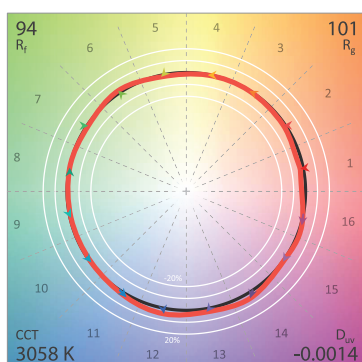
Clarté Lighting 3000K 90+ CRI Color Metrics



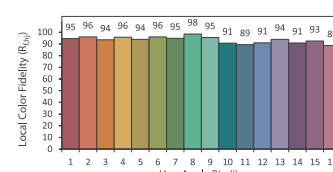
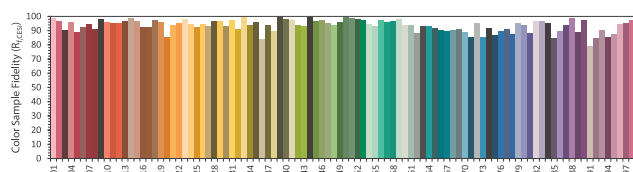
CIE 13.3-1995 (CRI)
R _a 95
R ₉ 74



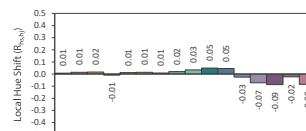
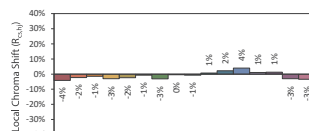
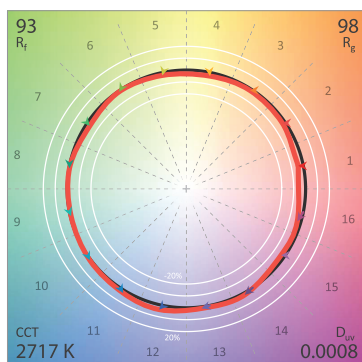
Clarté Lighting 3000K 90+ CRI Halogen Lens (H) Color Metrics



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

