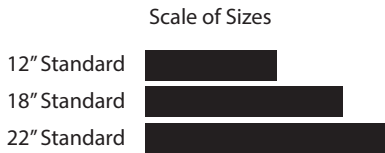
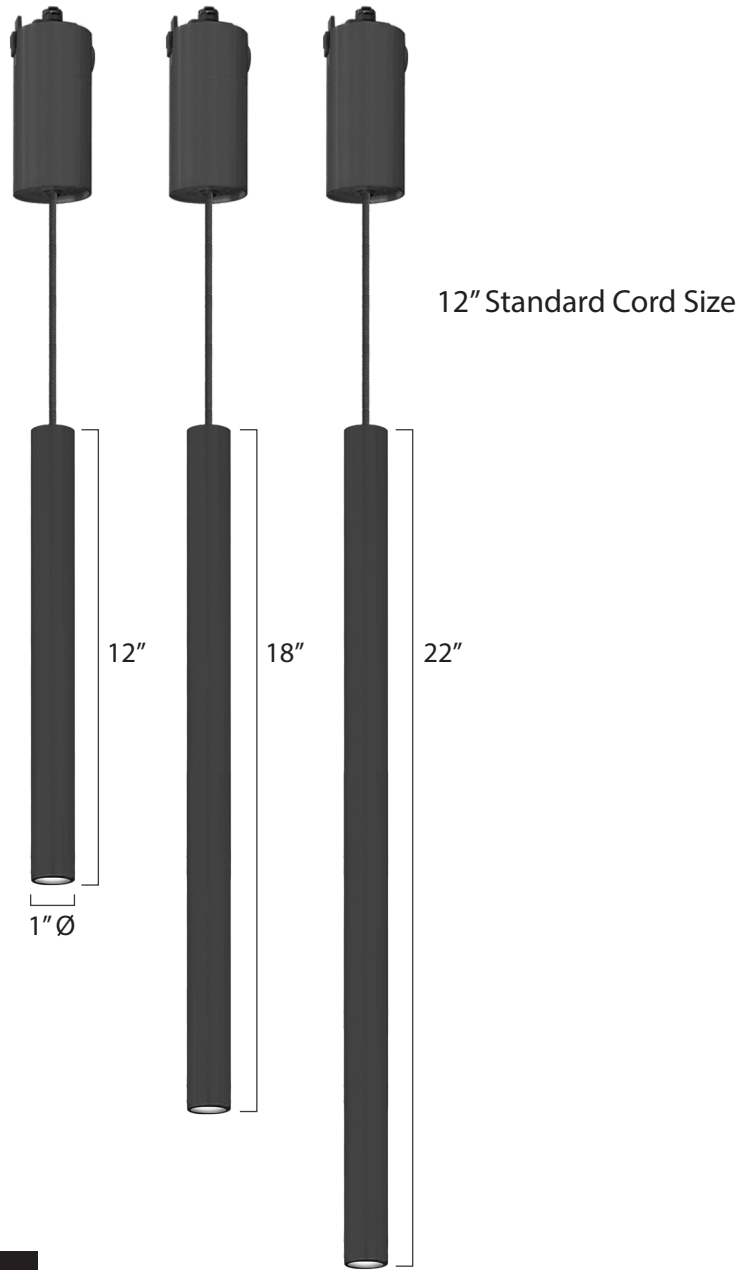


SDT-836-PAR8-PND

Surface Pendant Track

| | | | |
|-----------------|--|-------|--|
| Project Name: | | Type: | |
| Catalog Number: | | Date: | |



Key Features

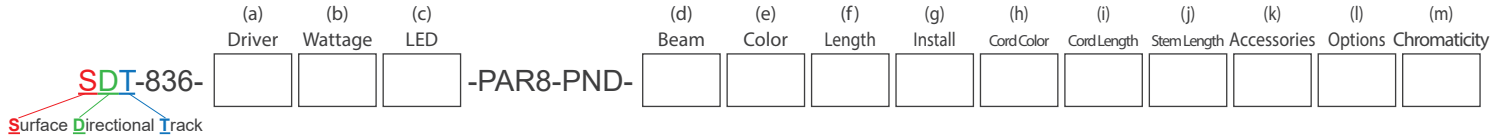
- 3/4" ID & 1" OD LED Optic
- Fixed 1/2" Recessed Trimless
- 365° Rotation
- Remote Transformer Optoin
- Over 10,000+ fixture custom color finish options
- 100,000+ L70 life
- Wall or ceiling mount

LED Source Details

- CREE XHP50 LED maximum rating = 1,500mA
- Fixture operating milliamp range = 300mA to 700mA.
- Operating 15% to 38% of rated value 20% to 47%
- Fixture wattage range = 5W to 17W
- Fixture delivered lumens = 500 to 1,150 lumens

Last revised: 05/13/2024

| | | | |
|-----------------|--|-------|--|
| Project Name: | | Type: | |
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(a) Driver Options

D = MLV 1% Dimming (2 wire)

(b) Wattage Options

7W (500 Lumens) = MLV <1% Dimming
 14W (525 Lumens) = MLV <1% Dimming
 17W (1150 Lumens) = MLV <1% Dimming, DMX

(c) Lamp Type Options

X4LED = Cree XHP50 LED = 50+% brighter than XLED
 (available in spot, narrow flood, and flood)

(d) Beam Options

SP = Spot NFL = Narrow Flood
 FL = Flood

(e) Fixture Color Options

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

(f) Fixture Length Options

F12 = 12" F18 = 18"
 F22 = 22"

(g) Install Type

TK = Track
 FCP = Flat Canopy Plate
 TLR = Trimless Remote
 TIL = Trimless In Line

(h) Cord Color Options

BLKC = Black Cord ORGC = Orange Cord
 WHTC = White Cord AQUAC = Aqua Cord
 SLVC = Silver Cord BWZZC = Black & White Zigzag Cord
 CARC = Cardinal Cord

(i) Cord Length Options

C12 = Cord Size 12" C18 = Cord Size 18"
 C22 = Cord Size 22" CCS_ = Custom Cord


*Specify custom lengths in 1" increments up to 60"
 Longer lengths than 60" available upon request (up to 96" for flat canopy)


(j) Stem Options


S6 = Stem Size 6" S18 = Stem Size 18"
 S12 = Stem Size 12" CS_ = Custom Stem (up to 144" for flat canopy)


*Stems 24" and longer will come standard with a ball joint.


(k) 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

(l) Options

RMT60 = 60Watt 12V AC MLV Step Down Transformer
 RMT150 = 150Watt 12V AC MLV Step Down Transformer
 RMT300 = 300Watt 12V AC MLV Step Down Transformer
 12V = DC
 24V = DC
 120V = 120VAC 60Hz (Standard)
 230V = 230VAC 50Hz
 277V = 277VAC 60Hz
 347V = 347VAC 60Hz
 TB = DMX 5-pin Plug-in Terminal Block
 80+ = CRI over 80
 90+ = CRI over 90
 EXT = Exterior zinc primer with zinc infused paint
 AWN = Athena Wireless Node (use with DALI2)
 AWNP = Athena Wireless Node Photocell (use with DALI2)

(m) 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) | RGBW3K*** = Red, Green, Blue, White |
| | RGBW4K*** = Red, Green, Blue, White |

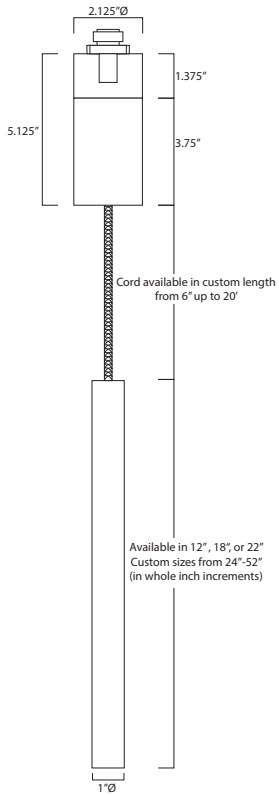
*1050 mA or less **700 mA or less
 **Must utilize DMX fixture option

SDT-836-PAR8-PND

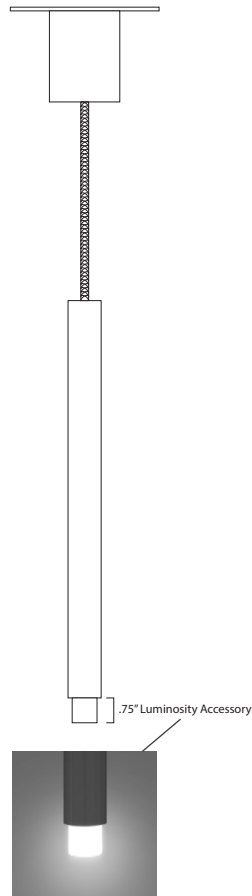
Surface Pendant Track

| | | | |
|-----------------|--|-------|--|
| Project Name: | | Type: | |
| Catalog Number: | | Date: | |

Track



Canopy Plate



Housing

- 100% aluminum construction

Electrical

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

LED

- CREE XHP502
- Operates between 350 to 700 milliamps
- L70 life = 100,000 hr.+

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
- 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

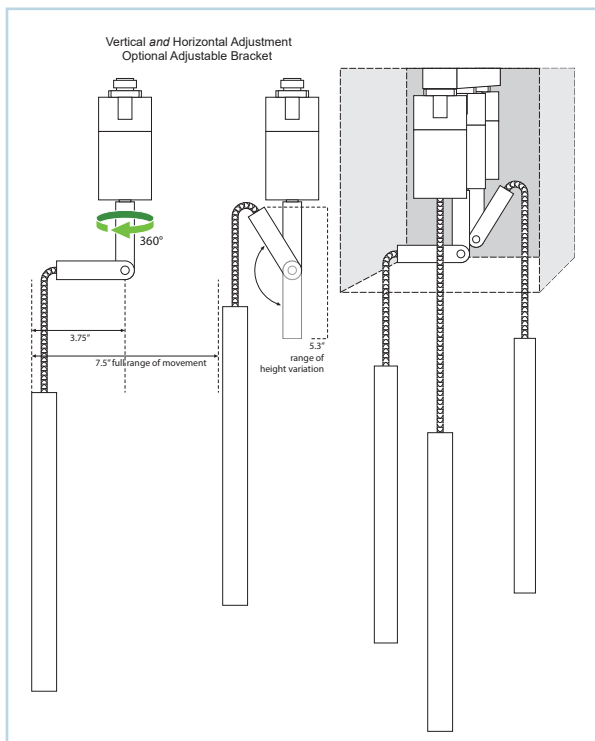
Certification

- UL Damp Listed – IP 52

Warranty

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

Installed in a Slot with Track



SDT-836-PAR8-PND

Surface Pendant Track

| | | | |
|-----------------|--|-------|--|
| Project Name: | | Type: | |
| Catalog Number: | | Date: | |

Wattage & Lumen Output

350 Milliamps - 450 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 - 600 Lumens

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

700 Milliamps - 900 Lumens

| | |
|-----|------------------|
| 15W | ON/OFF |
| | 0-10V 1% Dimming |
| | ED |
| 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

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 - 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 - 670 lm

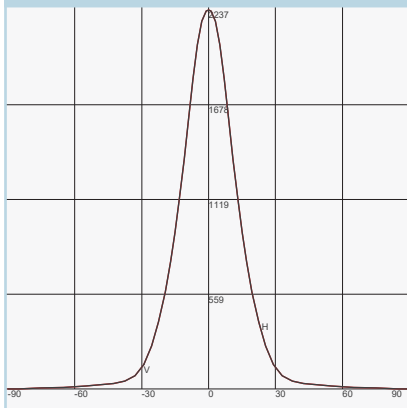
Zonal Flux and Percentages

| 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

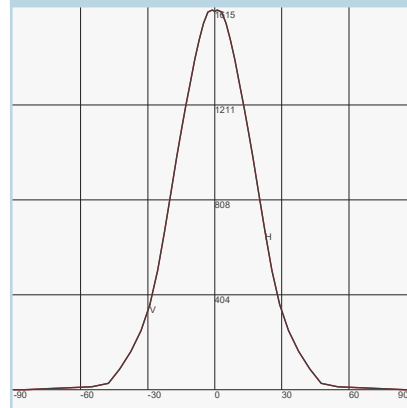
| Zone | %Luminaire |
|-------|------------|
| 0-20 | 47.3 |
| 0-30 | 74.3 |
| 0-40 | 88.5 |
| 0-60 | 97.5 |
| 0-80 | 99.5 |
| 0-90 | 100 |
| 10-90 | 87.1 |
| 20-40 | 41.2 |
| 20-50 | 48.7 |
| 40-70 | 10.1 |
| 60-80 | 2 |
| 70-80 | 0.9 |
| 80-90 | 0.5 |

Axial Candela Display



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

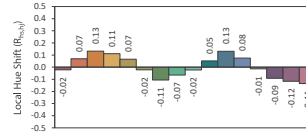
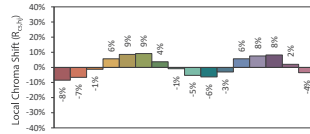
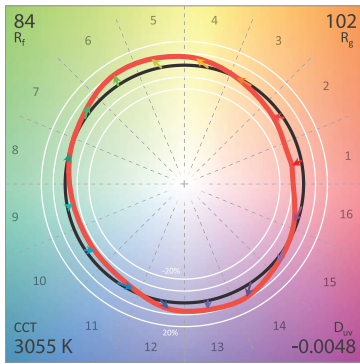
Axial Candela Display



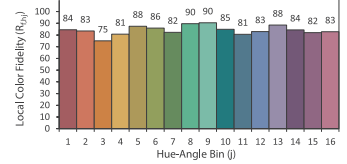
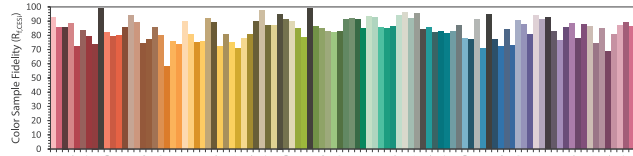
Maximum Candela = 1615 Located At Horizontal Angle = -1, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

| | | | |
|-----------------|--|-------|--|
| Project Name: | | Type: | |
| Catalog Number: | | Date: | |

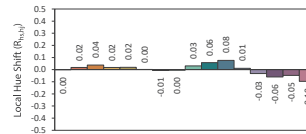
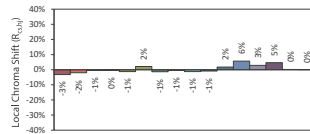
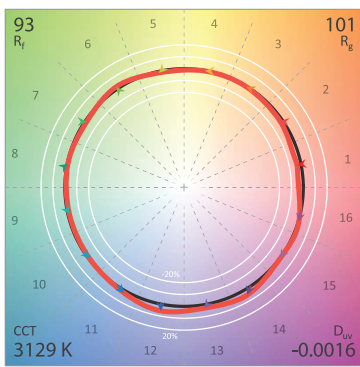
Clarté Lighting 3000K 80+ CRI Color Metrics



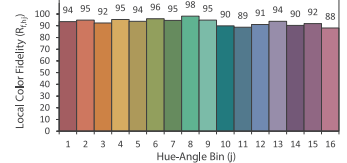
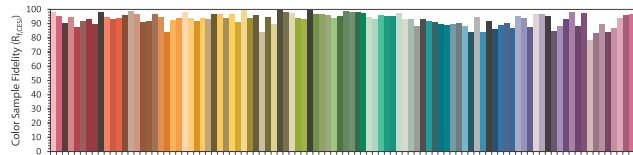
CIE 13.3-1995 (CRI)
R_a 86
R_g 29



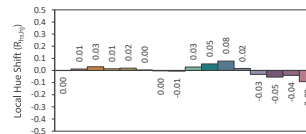
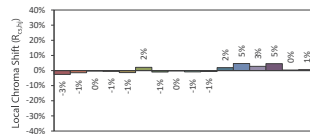
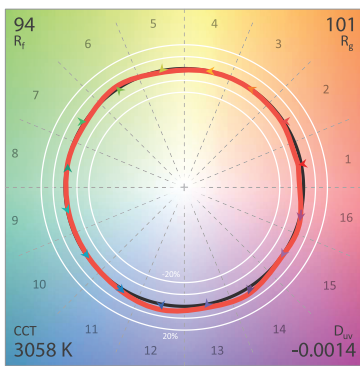
Clarté Lighting 3000K 90+ CRI Color Metrics



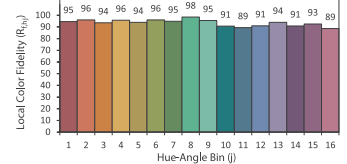
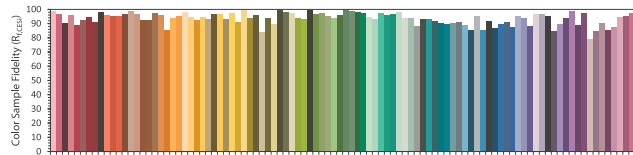
CIE 13.3-1995 (CRI)
R_a 95
R_g 74



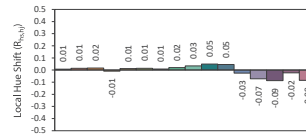
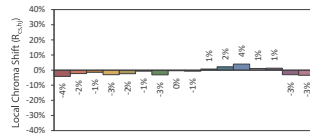
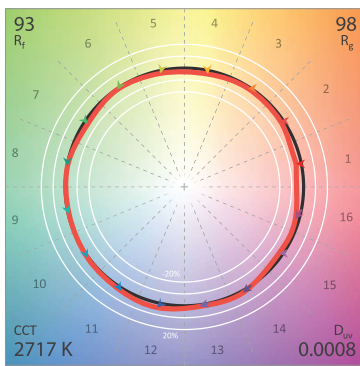
Clarté Lighting 3000K 90+ CRI Halogen Lens (H) Color Metrics



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

