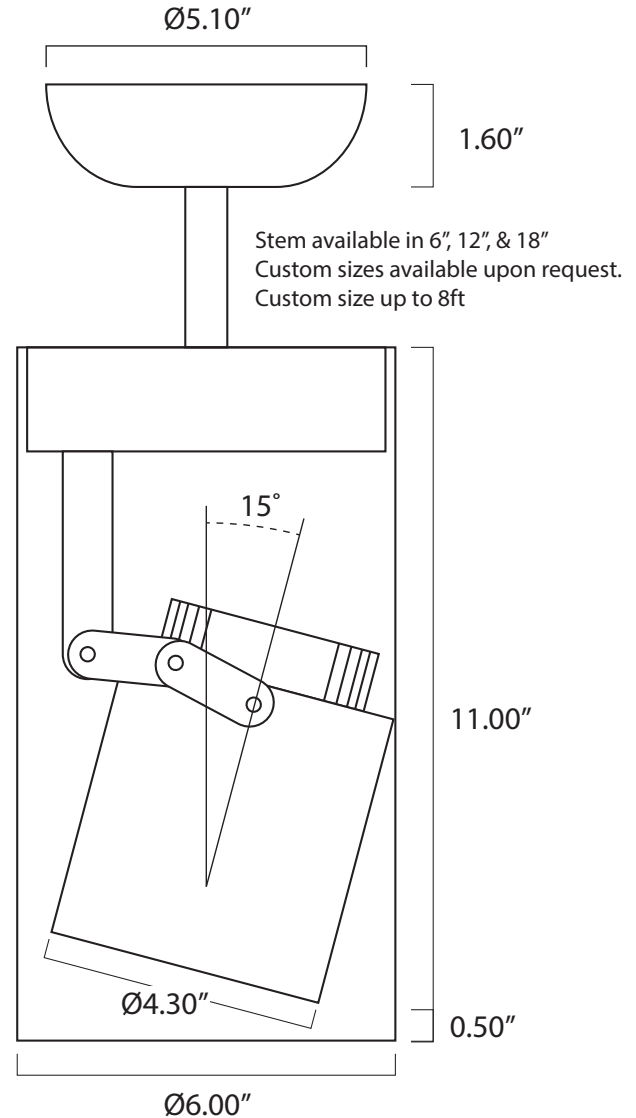
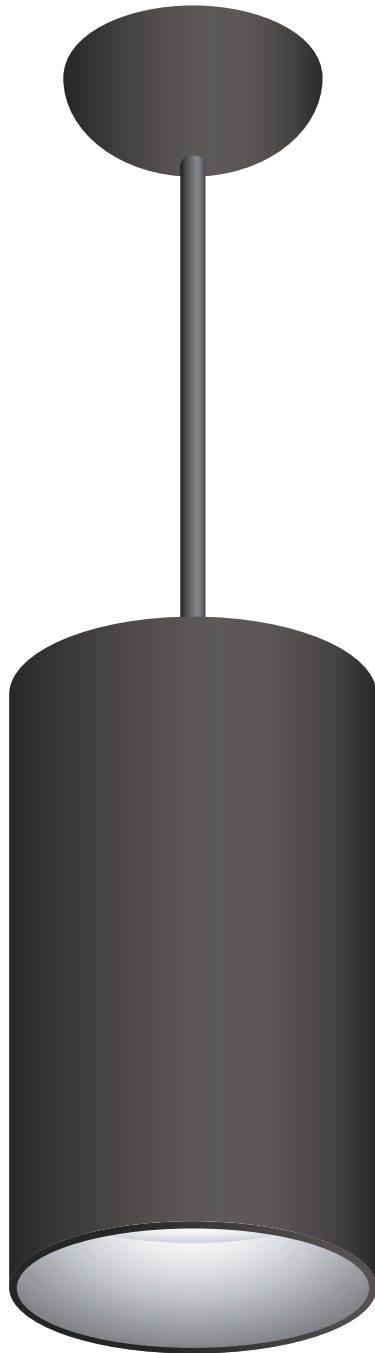


**SR6-643-PAR30-PND-WW**

6" Stem Mounted Cylinder Wall Wash

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

**Key Features**

- 6" OD
- Up to 4 accessories
- Remote transformer optoin
- Over 10,000+ fixture custom color finish options
- 100,000+ hr L70 life
- **See Page 3 for additional options**

**LED Source Details**

CREE XML2 LED maximum rating 3,000 mA

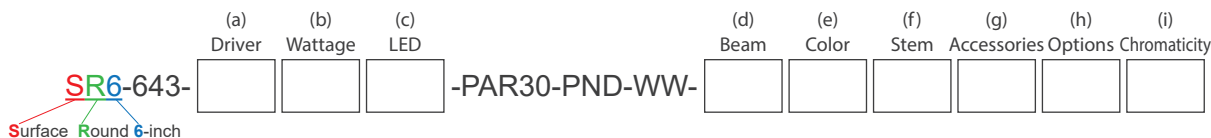
- Fixture operating milliamps = 700 mA – 1,400 mA
- Operating 23% to 47% of rated value
- Fixture Delivered Lumens = 3500 lumens

Last revised: 02/10/2025

**SR6-643-PAR30-PND-WW**

6" Stem Mounted Cylinder Wall Wash

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

**(a) Driver Options**

|        |                                                |
|--------|------------------------------------------------|
| E      | = ON/OFF (Electronic)                          |
| D      | = MLV 1% Dimming (2 wire)                      |
| DC12V  | = .01% PWM DC dimming (2 wire)                 |
| DC24V  | = .01% PWM DC dimming (2 wire)                 |
| ED     | = Electronic Reverse Phase Dimming 1% (2 wire) |
| 0-10V1 | = 0-10V 1% Dimming (4 wire)                    |
| DMXRMT | = Remote DMX Driver                            |
| DMXINL | = Inline DMX Driver                            |

**(b) Wattage Options**

|                                   |                               |
|-----------------------------------|-------------------------------|
| 24W (700 milliamps/1600 lumens)   | = ON/OFF, 0-10V 1%            |
| 27W (700 milliamps/1600 lumens)   | = MLV <1% Dimming             |
| 36W (1050 milliamps/2400 lumens)  | = ON/OFF, 0-10V 1%            |
| 42W (1050 milliamps/2400 lumens)  | = MLV <1% Dimming             |
| 48W (600 milliamps/2000 lumens)   | = RDM DMX RGBW                |
| 48W (1200 milliamps/3000 lumens)  | = Lutron Dimming              |
| 51W (1200 milliamps/3000 lumens)  | = MLV <1% Dimming             |
| 55W (1400 milliamps /3500 lumens) | = ON/OFF, 0-10V 1% or RDM DMX |

**(c) Lamp Type Options**

|      |                                |
|------|--------------------------------|
| XLED | = Cree XPL2 LED @ All Wattages |
|------|--------------------------------|

**(d) Beam Options**

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

**(e) Fixture Color Options**

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

**(f) Stem Options**

|      |                 |      |                           |
|------|-----------------|------|---------------------------|
| S6*  | = Stem Size 6"  | S18* | = Stem Size 18"           |
| S12* | = Stem Size 12" | CS   | = Custom Stem (up to 96") |

**(g) 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. <b>(STANDARD LENS FOR WALL WASH)</b> |  |
| 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 - 150K warmer. 2700k to 2550K                                                                                                |  |
| DH  | = Dimmed Halogen - 300K warmer. 2700k to 2400K                                                                                         |  |

**(h) Options**

|      |                          |
|------|--------------------------|
| 120V | = 120VAC 60Hz (Standard) |
| 230V | = 230VAC 50Hz            |
| 277V | = 277VAC 60Hz            |
| 80+  | = CRI over 80            |
| 90+  | = CRI over 90            |

**(i) 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)   |

**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    |

\*1050 mA or less

\*\*500 mA

\*\*\*700 mA

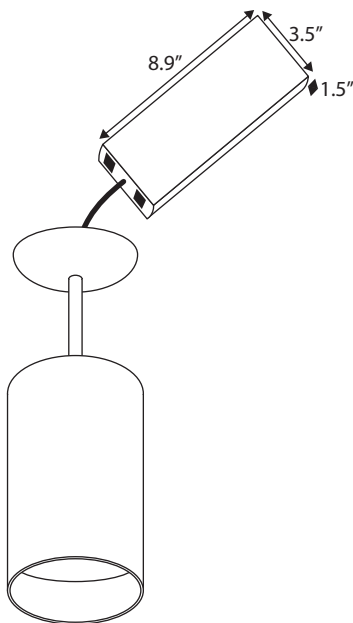
\*\*\*\*Must utilize DMX @ 700 mA

**SR6-643-PAR30-PND-WW**

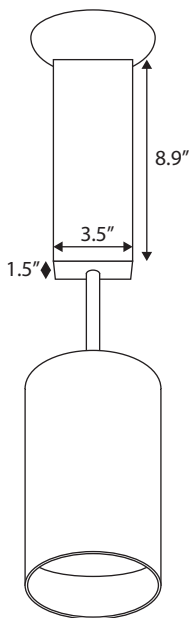
6" Stem Mounted Cylinder Wall Wash

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

## Remote DMX Driver



## Inline DMX Driver

**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

| Wattage & Lumen Output                     |
|--------------------------------------------|
| <b>700 Milliamps - 1800 Lumens</b><br>22W  |
| <b>1000 Milliamps - 2500 Lumens</b><br>33W |
| <b>1200 Milliamps - 3100 Lumens</b><br>42W |
| <b>1400 Milliamps - 3400 Lumens</b><br>46W |
| <b>1600 Milliamps - 3900 Lumens</b><br>55W |

| 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         |            |

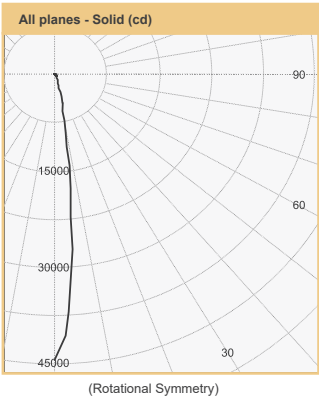
| RGBW V2 Light Output Luminous Flux Clarté Lighting offers 100% of fixtures in optional RGBW3K or RGBW4K                                                                                                             |                                  |                               |                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------|--------------------|
|                                                                                                                                                                                                                     | Line Voltage<br>600 mA<br>RGBW3K | ABS Light<br>700 mA<br>RGBW3K | 700 mA<br>White 3K |
| Red                                                                                                                                                                                                                 | 1296                             | 1440                          |                    |
| Green                                                                                                                                                                                                               | 2511                             | 2790                          |                    |
| Blue                                                                                                                                                                                                                | 372                              | 414                           |                    |
| White                                                                                                                                                                                                               | 2106                             | 2340                          |                    |
| Total                                                                                                                                                                                                               | 6285                             | 6984                          | 2533               |
| *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 Spot 12° |           |      |
|-----------------|-----------|------|
| 2'              | 11,097 fc | 0.4' |
| 4'              | 2,774 fc  | 0.9' |
| 6'              | 1,233 fc  | 1.3' |
| 8'              | 694 fc    | 1.7' |
| 10'             | 444 fc    | 2.1' |
| 12'             | 308 fc    | 2.6' |

55W PAR30 - 3,372 lm

| Intensity Summary (cd) |            |           |
|------------------------|------------|-----------|
| Gamma                  | All Planes | Flux (lm) |
| 0                      | 44389      |           |
| 5                      | 27240      | 1963      |
| 10                     | 9044       |           |
| 15                     | 2798       | 872       |
| 20                     | 854        |           |
| 25                     | 440        | 214       |
| 30                     | 285        |           |
| 35                     | 211        | 135       |
| 40                     | 172        |           |
| 45                     | 133        | 105       |
| 50                     | 102        |           |
| 55                     | 57         | 56        |
| 60                     | 45         |           |
| 65                     | 29         | 25        |
| 70                     | 3          |           |
| 75                     | 1          | 1         |
| 80                     | 1          |           |
| 85                     | 0          | 0         |
| 90                     | 0          |           |

| Zonal Flux and Percentages |           |            |
|----------------------------|-----------|------------|
| Zone                       | Flux (lm) | %Luminaire |
| 0-30                       | 3049      | 90.4       |
| 0-40                       | 3784      | 94.4       |
| 0-60                       | 3345      | 99.2       |
| 0-90                       | 3372      | 100.0      |
| 40-90                      | 188       | 5.6        |
| 60-90                      | 27        | 0.8        |
| 90-180                     | 0         | 0.0        |
| 0-180                      | 3372      | 100.0      |

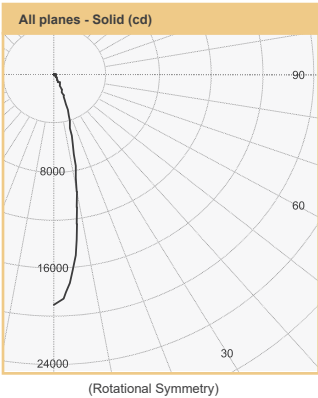


| Narrow Flood 22° |      |      |
|------------------|------|------|
| 2'               | x fc | x.x' |
| 4'               | x fc | x.x' |
| 6'               | x fc | x.x' |
| 8'               | x fc | x.x' |
| 10'              | x fc | x.x' |
| 12'              | x fc | x.x' |

55W PAR30 - 3,841 lm

| Intensity Summary (cd) |            |           |
|------------------------|------------|-----------|
| Gamma                  | All Planes | Flux (lm) |
| 0                      | 19074      |           |
| 5                      | 16233      | 1332      |
| 10                     | 9848       |           |
| 15                     | 5190       | 1461      |
| 20                     | 2626       |           |
| 25                     | 1289       | 620       |
| 30                     | 632        |           |
| 35                     | 329        | 220       |
| 40                     | 211        |           |
| 45                     | 146        | 114       |
| 50                     | 98         |           |
| 55                     | 57         | 55        |
| 60                     | 42         |           |
| 65                     | 27         | 26        |
| 70                     | 14         |           |
| 75                     | 9          | 10        |
| 80                     | 6          |           |
| 85                     | 2          | 3         |
| 90                     | 0          |           |

| Zonal Flux and Percentages |           |            |
|----------------------------|-----------|------------|
| Zone                       | Flux (lm) | %Luminaire |
| 0-30                       | 3413      | 88.8       |
| 0-40                       | 3633      | 94.6       |
| 0-60                       | 3802      | 99.0       |
| 0-90                       | 3840      | 100.0      |
| 40-90                      | 208       | 5.4        |
| 60-90                      | 39        | 1.0        |
| 90-180                     | 0         | 0.0        |
| 0-180                      | 3841      | 100.0      |

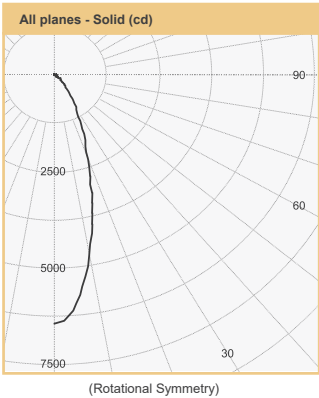


| Flood |    |   |
|-------|----|---|
| 2'    | fc | ' |
| 4'    | fc | ' |
| 6'    | fc | ' |
| 8'    | fc | ' |
| 10'   | fc | ' |
| 12'   | fc | ' |

55W PAR30 - 2,919 lm

| Intensity Summary (cd) |            |           |
|------------------------|------------|-----------|
| Gamma                  | All Planes | Flux (lm) |
| 0                      | 6451       |           |
| 5                      | 5949       | 529       |
| 10                     | 4754       |           |
| 15                     | 3424       | 944       |
| 20                     | 2326       |           |
| 25                     | 1552       | 720       |
| 30                     | 1033       |           |
| 35                     | 639        | 405       |
| 40                     | 368        |           |
| 45                     | 227        | 181       |
| 50                     | 145        |           |
| 55                     | 88         | 83        |
| 60                     | 58         |           |
| 65                     | 39         | 39        |
| 70                     | 21         |           |
| 75                     | 14         | 15        |
| 80                     | 9          |           |
| 85                     | 4          | 4         |
| 90                     | 0          |           |

| Zonal Flux and Percentages |           |            |
|----------------------------|-----------|------------|
| Zone                       | Flux (lm) | %Luminaire |
| 0-30                       | 2193      | 75.1       |
| 0-40                       | 2598      | 89.0       |
| 0-60                       | 2862      | 98.0       |
| 0-90                       | 2919      | 100.0      |
| 40-90                      | 321       | 11.0       |
| 60-90                      | 58        | 2.0        |
| 90-180                     | 0         | 0.0        |
| 0-180                      | 2919      | 100.0      |



# Clarté Lighting

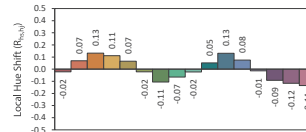
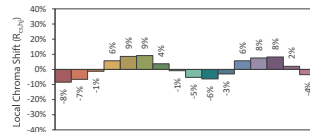
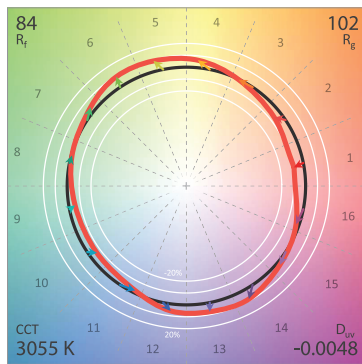
## SR6-643-PAR30-PND-WW

### 6" Stem Mounted Cylinder Wall Wash

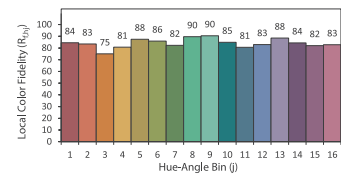
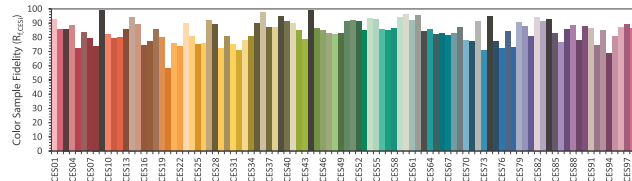
TM-30-18 Color Metrics

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

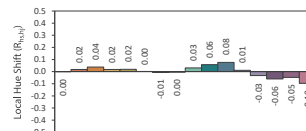
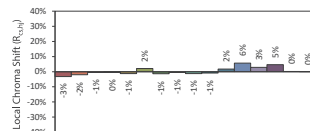
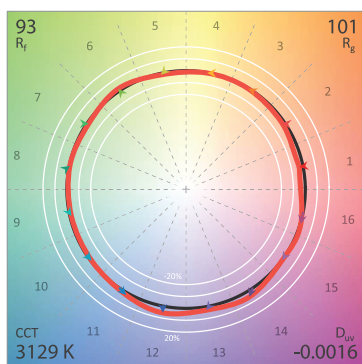
#### Clarté Lighting 3000K 80+ CRI Color Metrics



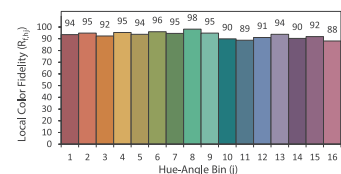
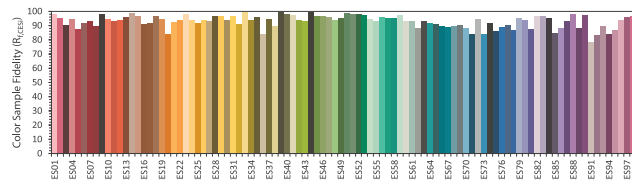
CIE 13.3-1995  
(CRI)  
 $R_a$  86  
 $R_g$  29



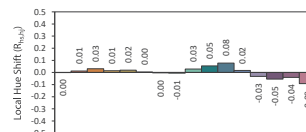
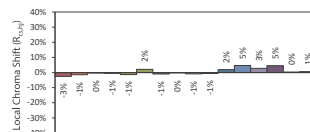
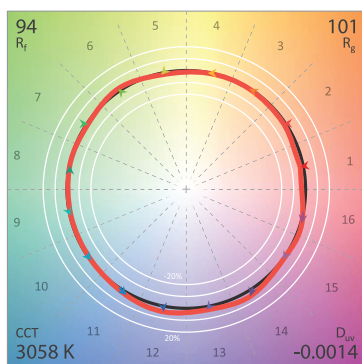
#### Clarté Lighting 3000K 90+ CRI Color Metrics



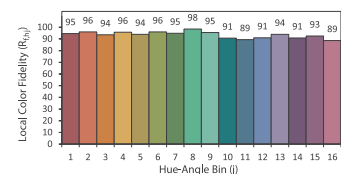
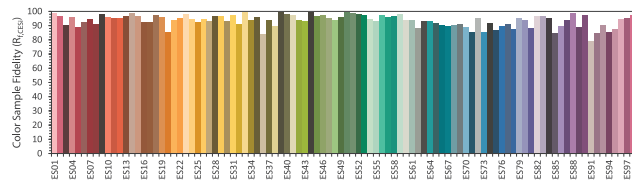
CIE 13.3-1995  
(CRI)  
 $R_a$  95  
 $R_g$  74



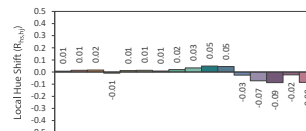
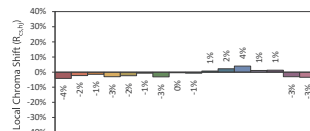
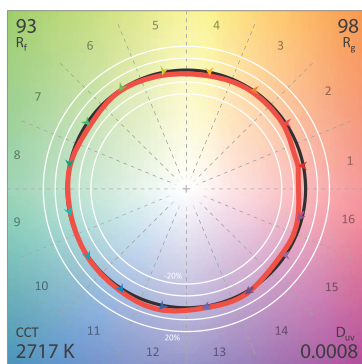
#### Clarté Lighting 3000K 90+ CRI Halogen Lens (H) Color Metrics



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

