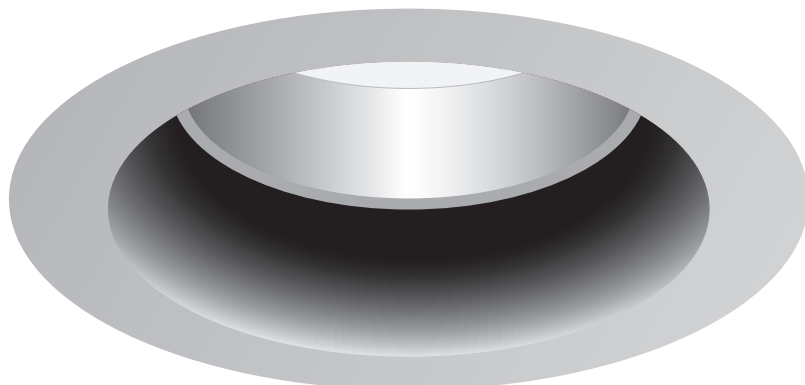
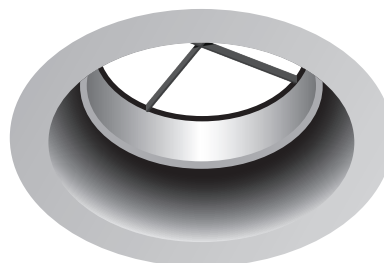


|                 |  |       |  |
|-----------------|--|-------|--|
| Project Name:   |  | Type: |  |
| Catalog Number: |  | Date: |  |

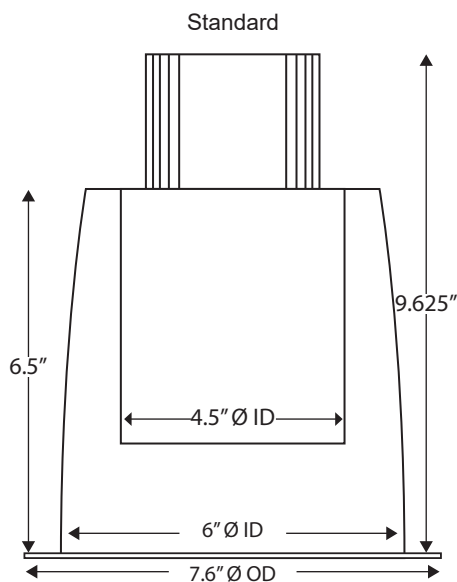
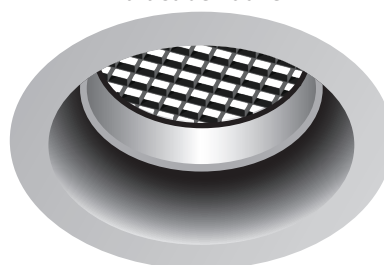
Standard 7.6"OD



Cross Hair Louver



Paracube Louver



#### Key Features

- 6" ID - 7.6" OD
- Fixed
- NON-IC Fixture
- Remote Transformer Optoin
- .02" Uber Thin Trim Lip
- Over 10,000+ fixture custom color finish options
- 100,000+ L70 life

#### LED Source Details

- CREE XML2 LED maximum rating 3,000 mA
- Fixture operating milliamps = 700 mA – 1600 mA
  - Operating 23% - 53% of rated value
  - Fixture delivered lumens = up to 3,911 lumens
  - Utilized to create NSP (12 degree)
- CREE XML3 LED maximum rating 5,000 mA
- Spot (SP-19), Narrow Flood (NFL-25) and Flood (FL-40)
  - Fixture operating milliamps = 1600
  - Operating 32% of rated value
  - Fixture delivered lumens = 5,000+ lumens

Last revised:11/10/2025

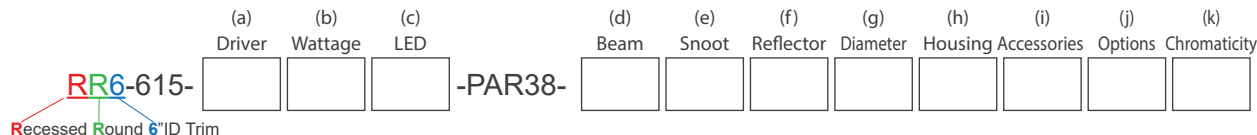
# Clarté Lighting

## RR6-615-PAR38

### Fixed Downlight

Ordering

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



#### (a) Driver Options

- E = ON/OFF (Electronic)
- D = MLV 1% Dimming (2 wire)
- ED = Electronic Reverse Phase Dimming 1% (2 wire)
- 0-10V1 = 0-10V 1% Dimming (3 wire)
- RDM DMX = 0.01% - 100%, 4-channel for RGBW CAT5 in & out

#### (b) Wattage Options

- 45W (850 milliamps/2670 lumens) = 2 wire MLV
- 68W (1400 milliamps /4375 lumens) = ON/OFF, 0-10V 1%, DMX Dimming

#### (c) Lamp Type Options

- XLED = Cree XPL2 LED @ All Wattages

#### (d) Beam Options

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

#### (e) Snoot Color Options

- BLKS = Black Snoot
- WHTS = White Snoot
- PWTS = Pewter Snoot

#### (f) Reflector/Trim Lip Color Options

- WHT/WHT = White Reflector/White Trim Lip
- BLK/BLK = Black Reflector/Black Trim Lip
- SA/WHT = Specular Reflector/White Trim Lip

#### (g) Outer Diameter Options

- BR9-6 = Unitized Extended Lip 9 1/2"OD & 6"ID
- BR10-6 = Separate Beauty Ring 10"OD & 6"ID
- BR12-6 = Separate Beauty Ring 12"OD & 6"ID
- BR15-6 = Separate Beauty Ring 15"OD & 6"ID

#### (h) Fixture Housing Options

##### Non-IC Rated:

- NC = New Construction
- RET = Retrofit

#### (i) 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 - 150K warmer. 2700k to 2550K
- DH = Dimmed Halogen - 300K warmer. 2700k to 2400K

#### (j) Options

- 12V = DC
- 24V = DC
- 120V = 120VAC 60Hz (Standard)
- 230V = 230VAC 50Hz
- 277V = 277VAC 60Hz
- 347V = 347VAC 60Hz
- EMG = 90min Emergency Back-Up Battery
- TB = DMX 5-pin Plug-in Terminal Block
- RMT = Remote transformer with remodel trim
- 80+ = CRI over 80
- 90+ = CRI over 90

#### (k) 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

- 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

\*\*700 mA

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

# Clarté Lighting

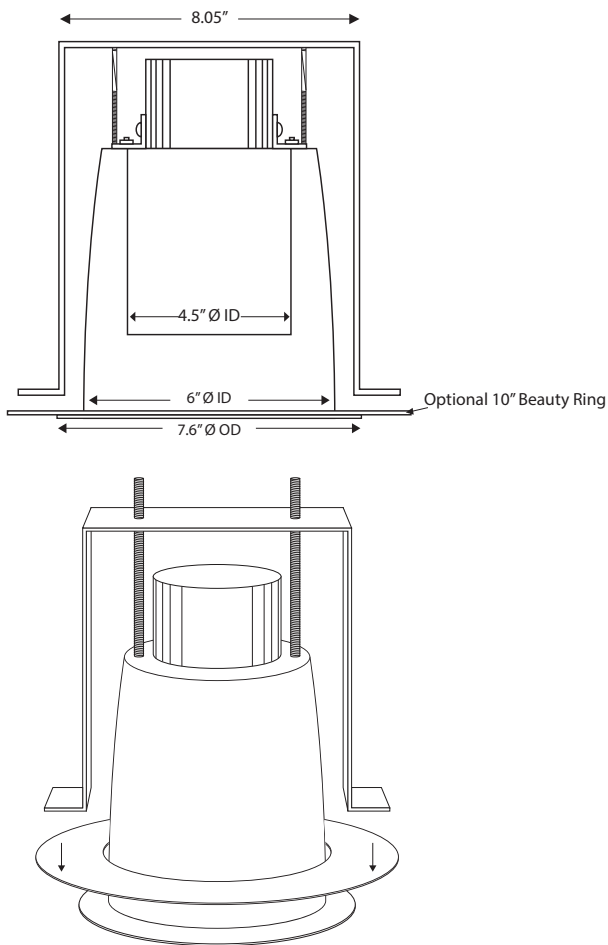
## RR6-615-PAR38

### Fixed Downlight

## Specifications

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

#### Retrofit Version with Separate Beauty Ring Option



#### Unitized Extended Lip with 9.25\"OD:



#### Housing

- 100% aluminum construction

#### Electrical

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

#### LED

- 3,000 maximum milliamp rated CREE LED
- Operates between 450 to 1200 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

#### Trim

- .02\" thin trim lip
- Hydro form reflector - no spin marks

#### Trim Finish

- Specular Aluminum Anodized
- Matt Aluminum Anodized
- White, Black or Pewter Powder Coat Paint
- 3300+ Custom Power Coat Paint Colors
- 7000+ Custom Wet Paint Colors

#### Level Plane and Trimless Installation

- Available in trimless ½\" recessed, trimless and level plane

#### Installation

- Accommodates ceiling thickness up to 2.5\"
- Universal adjustable 24\" adjustable hangar bars

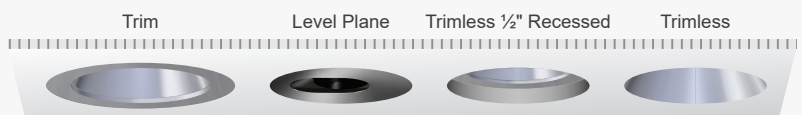
#### Certification

- UL Damp Listed – IP 52

#### Warranty

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

#### 4 Trim Installation Options



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

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

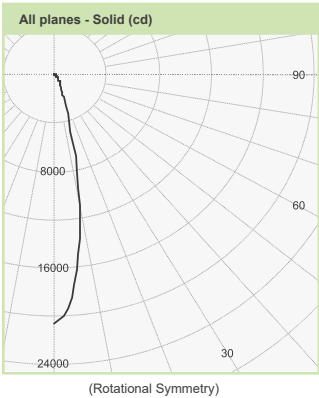
| 3 Step CREE XPL2 LED |                   |
|----------------------|-------------------|
| <u>Kelvin-CRI</u>    | <u>Multiplier</u> |
| 27K-80+ CRI          | 1                 |
| 27K-90+ CRI          | 0.80              |
| 30K-80+ CRI          | 1                 |
| 30K-90+ CRI          | 0.85              |
| 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<br><b>600 mA</b><br><b>RGBW3K</b> | ABS Light<br><b>700 mA</b><br><b>RGBW3K</b> | <b>700 mA</b><br><b>White 3K</b> |
| Red                                                                                                                                                                                                                 | 1728                                           | 1920                                        |                                  |
| Green                                                                                                                                                                                                               | 3348                                           | 3720                                        |                                  |
| Blue                                                                                                                                                                                                                | 497                                            | 552                                         |                                  |
| White                                                                                                                                                                                                               | 2808                                           | 3120                                        |                                  |
| <b>Total</b>                                                                                                                                                                                                        | <b>8381</b>                                    | <b>9312</b>                                 | <b>3377</b>                      |
| *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

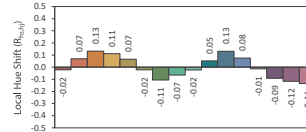
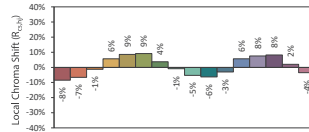
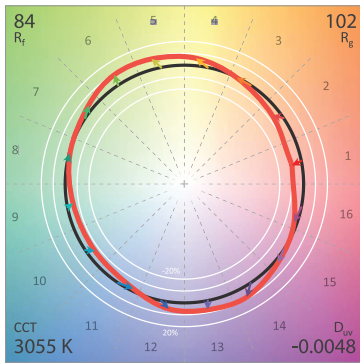
## RR6-615-PAR38

### Fixed Downlight

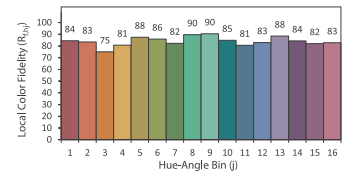
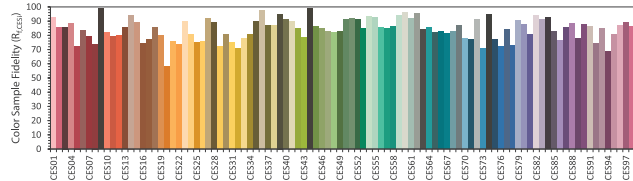
## TM-30 Color Metrics

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

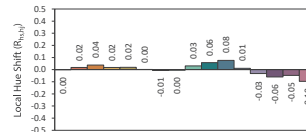
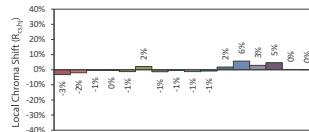
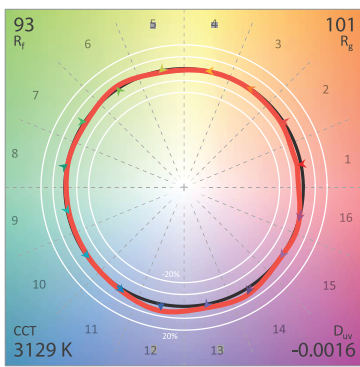
### Clarté Lighting 3000K 80+ CRI Color Metrics



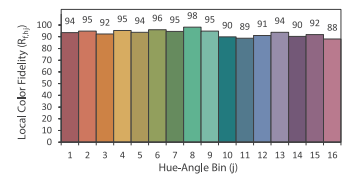
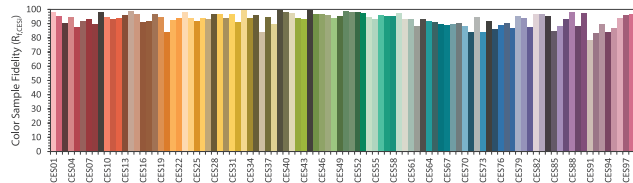
CIE 13.3-1995  
(CRI)  
R<sub>a</sub> 86  
R<sub>g</sub> 29



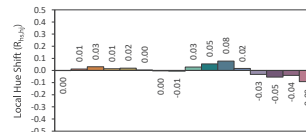
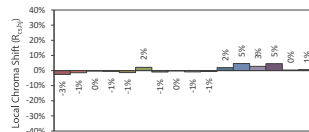
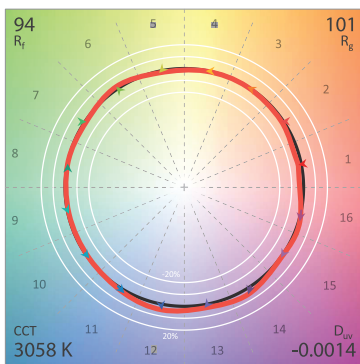
### Clarté Lighting 3000K 90+ CRI Color Metrics



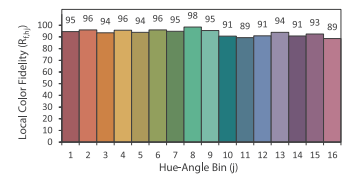
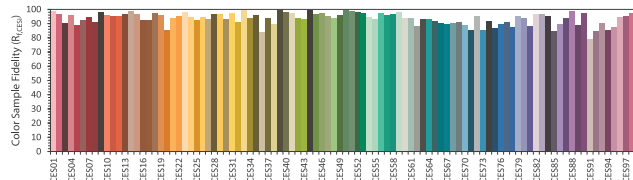
CIE 13.3-1995  
(CRI)  
R<sub>a</sub> 95  
R<sub>g</sub> 74



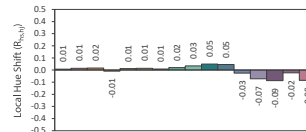
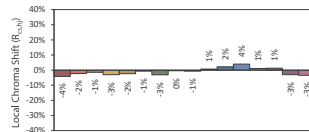
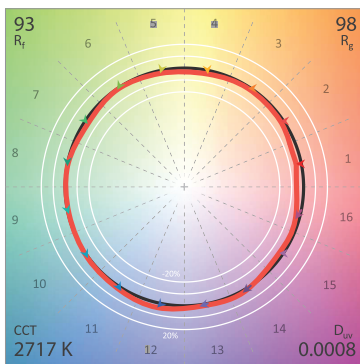
### Clarté Lighting 3000K 90+ CRI Halogen Lens (H) Color Metrics



CIE 13.3-1995  
(CRI)  
R<sub>a</sub> 96  
R<sub>g</sub> 79



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



CIE 13.3-1995  
(CRI)  
R<sub>a</sub> 95  
R<sub>g</sub> 64

