

# BRIGHT 1.D

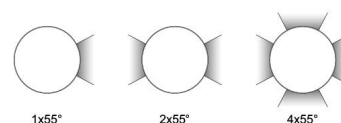
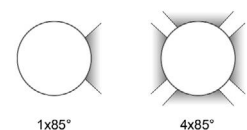
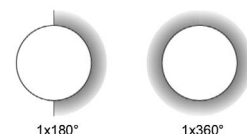
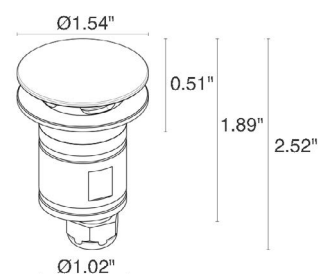
The Bright 1 series are small, powerful and versatile fixtures. Available in numerous optics, styles and anti-glare accessories. Bright 1.D is a recessed step light for outdoor applications with radial optics available in 4 color temperatures, 7 beam configurations and a stainless steel finish. The Bright 1, Smoothy 1 and Litus 1 series all use the same LED.

## TECHNICAL DATA

|                           |                                                                                                                 |
|---------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Wattage / Input</b>    | 2.5W, 3.5W (24VDC)                                                                                              |
| <b>Power Supply</b>       | Remote, not included. See page 2.                                                                               |
| <b>Construction</b>       | Body/Trim: AISI 316L Stainless Steel<br>Cable Length: 4.92' standard                                            |
| <b>CCT</b>                | 2200K, 2700K, 3000K, 4000K                                                                                      |
| <b>CRI</b>                | 80                                                                                                              |
| <b>BUG Rating</b>         | B0-U1-G0 (3000K, 2.5W/3.5W, R1, R2, R5)<br>B0-U2-G0 (3000K, 2.5W, R3, R4, R6)<br>B0-U2-G1 (3000K, 3.5W, R3, R4) |
| <b>Delivered Lumens</b>   | 29 lm (2.5W), 44 lm (3.5W) - 3000K, 180°<br>42 lm (2.5W), 62 lm (3.5W) - 3000K, 4x55°                           |
| <b>Efficacy</b>           | 11.6 lm/W (2.5W); 12.6 lm/W (3.5W) 30K, 180°<br>16.8 lm/W (2.5W); 17.7 lm/W (3.5W) 30K, 4x55°                   |
| <b>Optics</b>             | 7 Standard Radial (see below)                                                                                   |
| <b>Finishes</b>           | Stainless Steel, Custom RAL<br>(4 Stage Marine Grade Finish)                                                    |
| <b>Fixture Dimensions</b> | Ø1.54" x 2.52" h                                                                                                |
| <b>Cut-out Size</b>       | Ø1.18" (for floor or wall installations)                                                                        |
| <b>Fixture Weight</b>     | 0.44 lbs                                                                                                        |
| <b>LED Source</b>         | 1 Power LED                                                                                                     |
| <b>Lumen Maintenance</b>  | L90, B10 >50,000hrs (Ta 25°C)                                                                                   |
| <b>Color Consistency</b>  | 1/4 ANSI BIN                                                                                                    |
| <b>Operating Temp.</b>    | -4°F to +113°F                                                                                                  |
| <b>IP Rating</b>          | IP65, IP68                                                                                                      |
| <b>IK Rating</b>          | IK10                                                                                                            |



Fixture Dimensions



## ORDERING INFORMATION

Example: CB1D010000FR4T1 or CCB1D010000FR4T1 -2. Accessories / Power Supplies ordered separately.

|           |            |             |            |            |                           |                |
|-----------|------------|-------------|------------|------------|---------------------------|----------------|
| CB1D0     |            |             |            |            |                           |                |
| Model No. | Wattage    | CCT         | Optics     |            | Finish                    | Cable Length   |
| CB1D0     | 000 - 2.5W | 00N - 2200K | R1 - 1x55° | R5 - 4x85° | I - Stainless Steel       | 4.92' standard |
|           | 100 - 3.5W | 00F - 2700K | R2 - 2x55° | R6 - 180°  | C - Custom RAL            | 1 - 16.40'     |
|           |            | 005 - 3000K | R3 - 4x55° | R7 - 360°  | (consult factory for "C") | 2 - 32.81'     |
|           |            | 009 - 4000K | R4 - 1x85° |            |                           | 4 - 65.62'     |

Job Name/Date:

Fixture Type Designation:

## SUGGESTED POWER SUPPLIES

24VDC

| Part Number               | Description                                             | Input/Output                       | # of Fixtures |      |
|---------------------------|---------------------------------------------------------|------------------------------------|---------------|------|
|                           |                                                         |                                    | 2.5W          | 3.5W |
| <a href="#">PPLT00284</a> | Non-Dim                                                 | 120-277VAC to 24VDC, 100W, Class 2 | 1-32          | 1-22 |
| <a href="#">PPLT00543</a> | 0-10V Dimming to 15% (-40°C / -40°F cold weather start) | 120-277VAC to 24VDC, 100W, Class 2 | 4-32          | 3-22 |

## Suggested Lutron Compatible

| Part Number               | Option       | Lutron SKU | Dim Range | Description                                   | Input/Output                      | # of Fixtures |      |
|---------------------------|--------------|------------|-----------|-----------------------------------------------|-----------------------------------|---------------|------|
|                           |              |            |           |                                               |                                   | 2.5W          | 3.5W |
| <a href="#">PPLT00530</a> | L3DAE / L3D0 | L3DA/L3D0  | 100%-1%   | Hi-Lume™ 0.1% EcoSystem™ or 3-Wire LED Driver | 120-277VAC to 24VDC, 96W, Class 2 | 1-30          | 1-21 |

## DRIVERS IN NEMA ENCLOSURE

Remote 24VDC - ELV / TRIAC / 0-10V

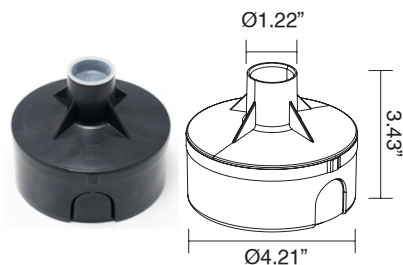


PPLT00715

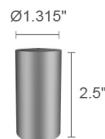
| Part Number               | Description                         | Input/Output                                | # of Fixtures |      |
|---------------------------|-------------------------------------|---------------------------------------------|---------------|------|
|                           |                                     |                                             | 2.5W          | 3.5W |
| <a href="#">PPLT00715</a> | ELV / TRIAC / 0-10V Dimming to 0.1% | 120-277VAC to 24VDC, 96W, Class 2, WET/DAMP | 1-30          | 1-21 |

For other power supply options consult factory.

## ACCESSORIES - Installation



**WC0202**  
Outer Casing



**PPMP02674**  
Core Drilled  
Application Sleeve

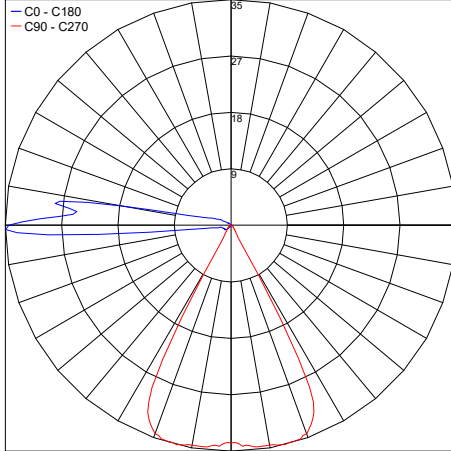
Job Name/Date:

Fixture Type Designation:

## PHOTOMETRIC DATA

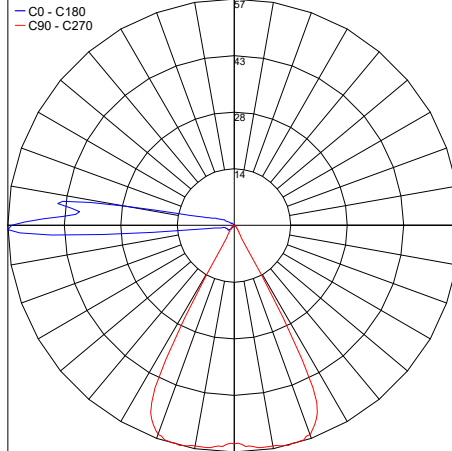
Note all Photometry is 3000K

Maximum Candela = 35.5



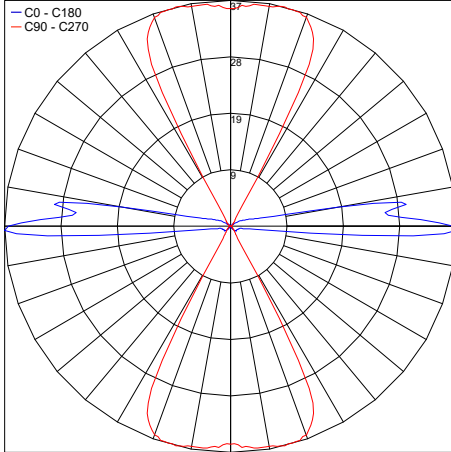
PHOTOMETRIC FILENAME : BRIGHT\_1.D\_R1\_1X55\_3000K\_2.5W\_24VDC.IES

Maximum Candela = 56.7



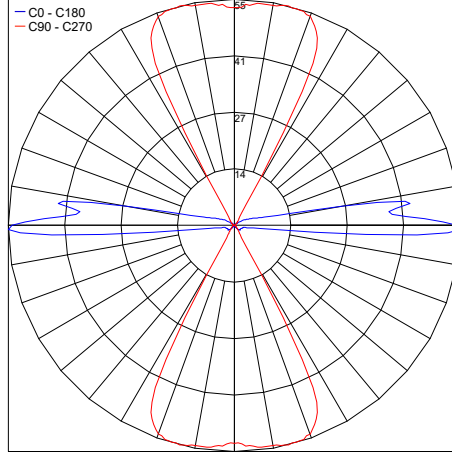
PHOTOMETRIC FILENAME : BRIGHT\_1.D\_R1\_1X55\_3000K\_3.5W\_24VDC.IES

Maximum Candela = 37.2



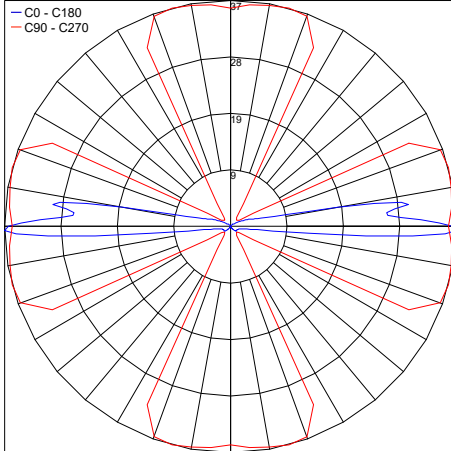
PHOTOMETRIC FILENAME : BRIGHT\_1.D\_R2\_2X55\_3000K\_2.5W\_24VDC.IES

Maximum Candela = 55.0



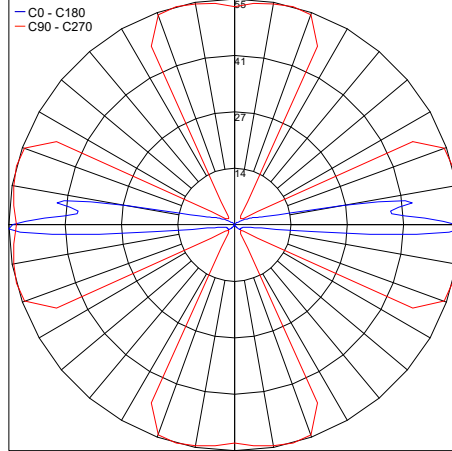
PHOTOMETRIC FILENAME : BRIGHT\_1.D\_R2\_2X55\_3000K\_3.5W\_24VDC.IES

Maximum Candela = 37.2



PHOTOMETRIC FILENAME : BRIGHT\_1.D\_R3\_4X55\_3000K\_2.5W\_24VDC.IES

Maximum Candela = 54.9



PHOTOMETRIC FILENAME : BRIGHT\_1.D\_R3\_4X55\_3000K\_3.5W\_24VDC.IES

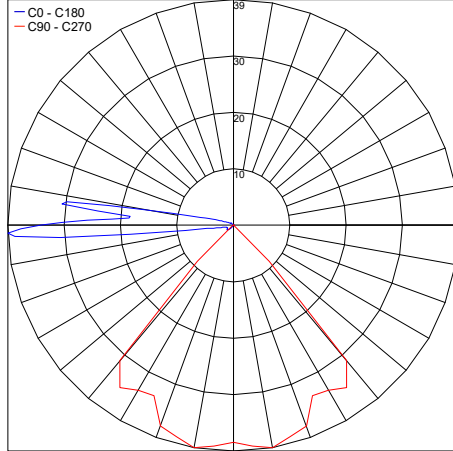
Job Name/Date:

Fixture Type Designation:

## PHOTOMETRIC DATA

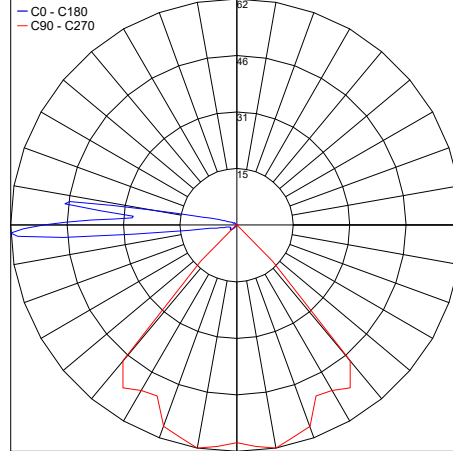
Note all Photometry is 3000K

Maximum Candela = 39.3



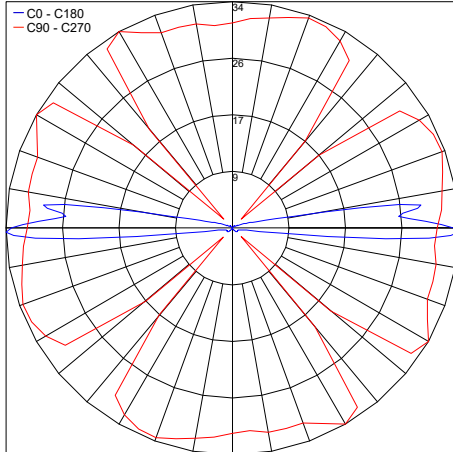
PHOTOMETRIC FILENAME : BRIGHT\_1.D\_R4\_1X85\_3000K\_2.5W\_24VDC.IES

Maximum Candela = 61.8



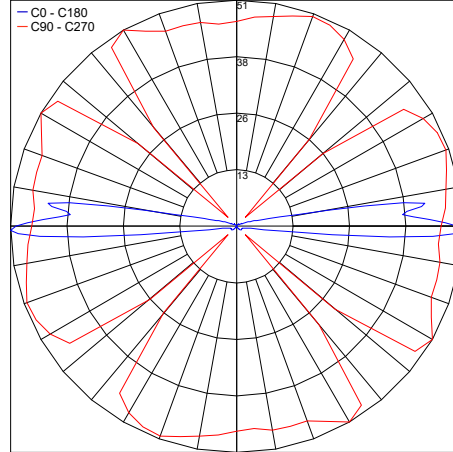
PHOTOMETRIC FILENAME : BRIGHT\_1.D\_R4\_1X85\_3000K\_3.5W\_24VDC.IES

Maximum Candela = 34.2



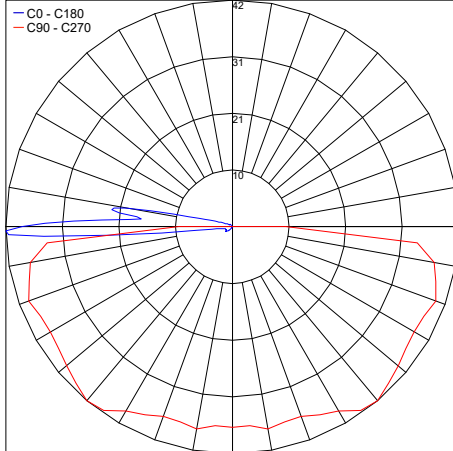
PHOTOMETRIC FILENAME : BRIGHT\_1.D\_R5\_4X85\_3000K\_2.5W\_24VDC.IES

Maximum Candela = 51.3



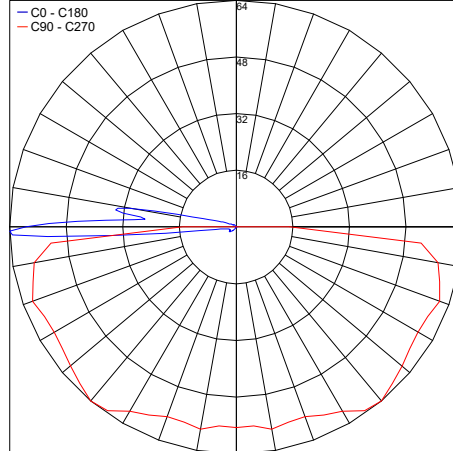
PHOTOMETRIC FILENAME : BRIGHT\_1.D\_R5\_4X85\_3000K\_3.5W\_24VDC.IES

Maximum Candela = 42.0



PHOTOMETRIC FILENAME : BRIGHT\_1.D\_R6\_180\_3000K\_2.5W\_24VDC.IES

Maximum Candela = 63.7



PHOTOMETRIC FILENAME : BRIGHT\_1.D\_R6\_180\_3000K\_3.5W\_24VDC.IES

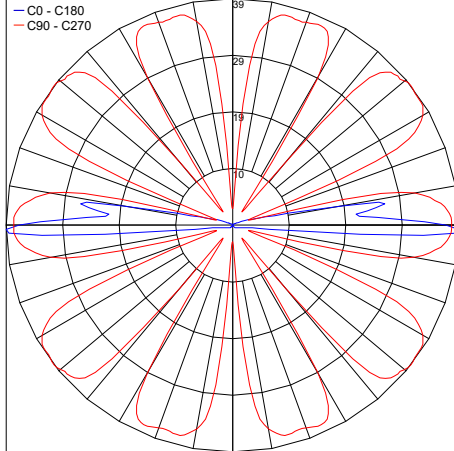
Job Name/Date:

Fixture Type Designation:

## PHOTOMETRIC DATA

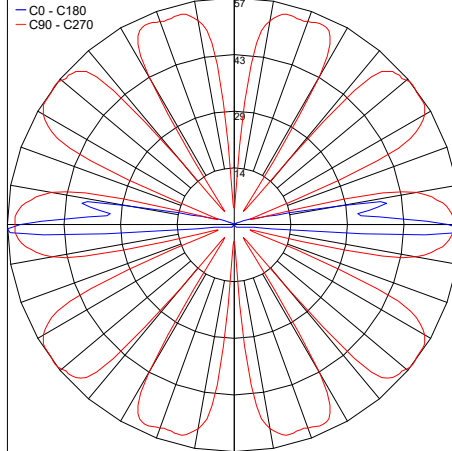
Note all Photometry is 3000K

Maximum Candela = 38.55



PHOTOMETRIC FILENAME : BRIGHT\_1.D\_R7\_360\_3000K\_2.5W\_24VDC.IES

Maximum Candela = 57.4



PHOTOMETRIC FILENAME : BRIGHT\_1.D\_R7\_360\_3000K\_3.5W\_24VDC.IES

Job Name/Date:

Fixture Type Designation: