

# REIKO 1.0

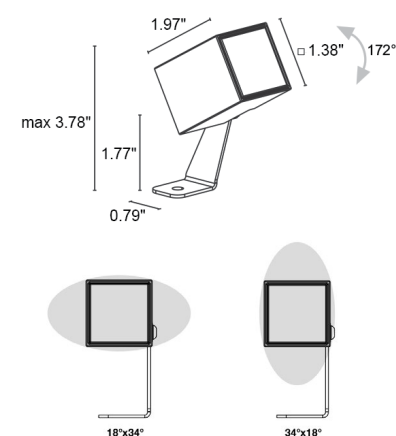
Reiko is a series of square outdoor projectors ideal for architectural lighting on details and facades as well as illuminating plants and trees in parks and gardens. They are available in a variety of light outputs, adjustable elliptical optics using a magnet (Reiko 3.0 and 4.0) and shadow-effect filter built into the sharp 32° optics on Reiko 3.0. Reiko 1.0 is the 1.4" square version.

## 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: Die-cast Aluminum<br>Bracket: 316L Stainless Steel<br>Lens: Serigraphed-gray and Tempered Extra-clear Glass |
| <b>CCT</b>                | 2700K, 3000K, 4000K                                                                                               |
| <b>CRI</b>                | CRI 80, >90                                                                                                       |
| <b>BUG Rating</b>         | B0-U0-G0 (3000K)                                                                                                  |
| <b>Delivered Lumens</b>   | See Delivered Lumens Chart                                                                                        |
| <b>Efficacy</b>           | 41.6-52 lm/W (2.5W), 41.4-52 lm/W (3.5W)                                                                          |
| <b>Optics</b>             | 7 Standard (see below)                                                                                            |
| <b>Finishes</b>           | 5 Standard, Custom RAL on request<br>(4 Stage Marine Grade Finish)                                                |
| <b>Fixture Dimensions</b> | 1.38" x 1.38" x 1.97" l x 1.77" h (max 3.78" h fully extended) 0.79" wide bracket                                 |
| <b>Fixture Weight</b>     | 0.55 lbs                                                                                                          |
| <b>LED Source</b>         | 1 Power LED                                                                                                       |
| <b>Lumen Maintenance</b>  | L90, B10 >60,000hrs (Ta 25°C)                                                                                     |
| <b>Color Consistency</b>  | 2-Step MacAdam                                                                                                    |
| <b>Operating Temp.</b>    | -4°F to +122°F                                                                                                    |
| <b>IP Rating</b>          | IP66                                                                                                              |
| <b>Impact Rating</b>      | IK06                                                                                                              |



Fixture Dimensions



| Delivered Lumens (3000K, 21°) | 2.5W   | 3.5W   |
|-------------------------------|--------|--------|
| <b>CRI 80</b>                 | 130 lm | 182 lm |
| <b>CRI &gt;90</b>             | 104 lm | 145 lm |

## ORDERING INFORMATION

Example: RK1001100150SE or RK1001100150SE-2. Accessories / Power Supplies ordered separately.

| Model #      | Wattage                            | CRI                             | Optical Acces.                                                                                                    | CCT                                                          | Optics                                                                                                                                        | Finish                                                                                                                                                              | Cable Length                                                                                         |
|--------------|------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| <b>RK100</b> | <b>0</b> - 2.5W<br><b>1</b> - 3.5W | <b>0</b> - 80<br><b>1</b> - >90 | <b>000</b> - none<br><b>001</b> - Honeycomb<br><small>*Honeycomb Louver NOT available on 38° sharp optics</small> | <b>F0</b> - 2700K<br><b>50</b> - 3000K<br><b>90</b> - 4000K* | <b>S</b> - 17°<br><b>M</b> - 21°<br><b>L</b> - 38°<br><b>P</b> - 38° sharp*<br><b>K</b> - 59°<br><b>W</b> - 18° x 34°<br><b>X</b> - 34° x 18° | <b>H</b> - Anthracite<br><b>T</b> - Cor-ten<br><b>F</b> - Grey<br><b>5</b> - Jasper Green<br><b>E</b> - White<br><b>C</b> - Custom RAL<br>(consult factory for "C") | <b>4.9'</b> standard<br><b>1</b> - 16.4'<br><b>2</b> - 32.8'<br><b>3</b> - 49.2'<br><b>4</b> - 65.6' |

Job Name/Date:

Fixture Type Designation:

**SUGGESTED POWER SUPPLIES****2.5W - 24VDC**

| Part Number               | Description                                             | Input/Output                             | # of Fixtures |
|---------------------------|---------------------------------------------------------|------------------------------------------|---------------|
| <a href="#">PPLT00701</a> | 0-10V Dimming (Dim to Off)                              | 120-277VAC to 24VDC, 50W, Class 2        | 1-32          |
| <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          |
| <a href="#">PPLT00284</a> | Non-Dim                                                 | 120-277VAC to 24VDC, 100W, Class 2, DAMP | 1-32          |

**Suggested Lutron Compatible - 2.5W**

| Part Number               | Option         | Lutron SKU | Dim Range | Description                                    | Input/Output                      | # of Fixtures |
|---------------------------|----------------|------------|-----------|------------------------------------------------|-----------------------------------|---------------|
| <a href="#">PPLT00530</a> | L3DAE / L3DA3W | L3DA       | 100%-1%   | Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver | 120-277VAC to 24VDC, 96W, Class 2 | 1-30          |

**SUGGESTED POWER SUPPLIES****3.5W - 24VDC**

| Part Number               | Description                                             | Input/Output                             | # of Fixtures |
|---------------------------|---------------------------------------------------------|------------------------------------------|---------------|
| <a href="#">PPLT00586</a> | Non-Dim                                                 | 120-277VAC to 24VDC, 40W, Class 2        | 1-9           |
| <a href="#">PPLT00543</a> | 0-10V Dimming to 15% (-40°C / -40°F cold weather start) | 120-277VAC to 24VDC, 100W, Class 2       | 3-22          |
| <a href="#">PPLT00284</a> | Non-Dim                                                 | 120-277VAC to 24VDC, 100W, Class 2, DAMP | 1-22          |

**Suggested Lutron Compatible - 3.5W**

| Part Number               | Option         | Lutron SKU | Dim Range | Description                                    | Input/Output                      | # of Fixtures |
|---------------------------|----------------|------------|-----------|------------------------------------------------|-----------------------------------|---------------|
| <a href="#">PPLT00530</a> | L3DAE / L3DA3W | L3DA       | 100%-1%   | Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver | 120-277VAC to 24VDC, 96W, Class 2 | 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 |

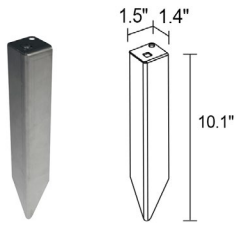
*For other power supply options consult factory.*

Job Name/Date:

Fixture Type Designation:

## ACCESSORIES

### Installation



**WP0100**  
Ground Spike  
(Length 10.1")



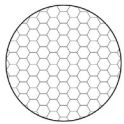
**WP1004**  
Fastener Strap  
(Length 16.4')



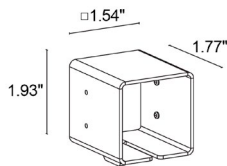
**WF3302**  
Cable Protection Sheath  
(Length 7.1")

## ACCESSORIES

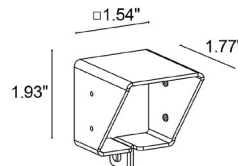
### Anti-Glare



**Add in the Ordering Code**  
Honeycomb Louvre  
*Not available for Sharp Optics.*



**WBA08\_\_**  
Standard Snoot



**WBA09\_\_**  
Asymmetric Snoot

*For Snoots include one of the below finishes:*

- E** - White
- F** - Gray
- H** - Anthracite
- T** - Cor-ten
- 5** - Jasper Green
- C** - Custom RAL

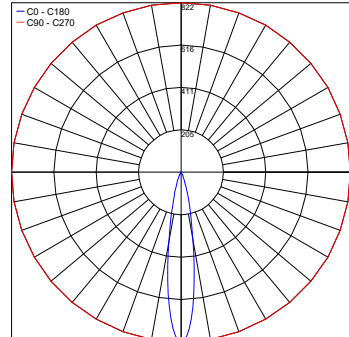
Job Name/Date:

Fixture Type Designation:

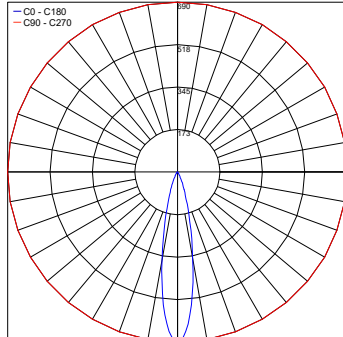
## PHOTOMETRIC DATA - Note: all Photometry is 3000K

### CRI 80 - 2.5W

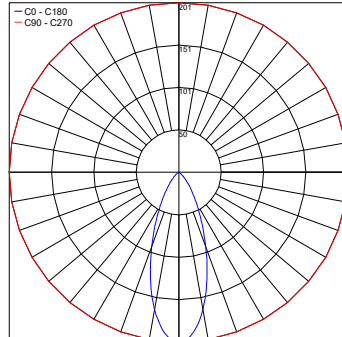
Maximum Candela = 822



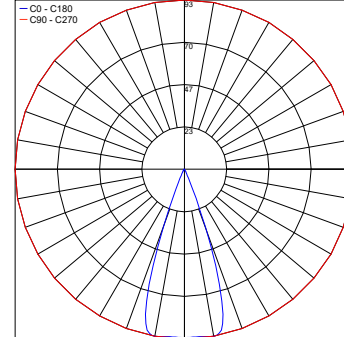
Maximum Candela = 690.4



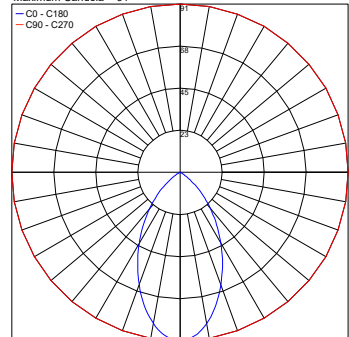
Maximum Candela = 201.3



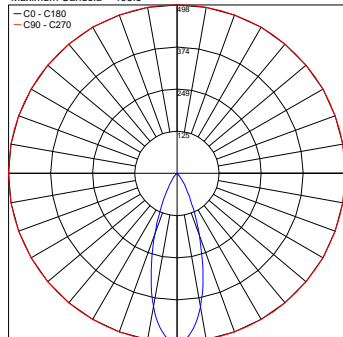
Maximum Candela = 93.2



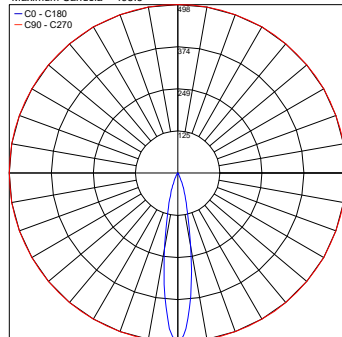
Maximum Candela = 91



Maximum Candela = 498.3

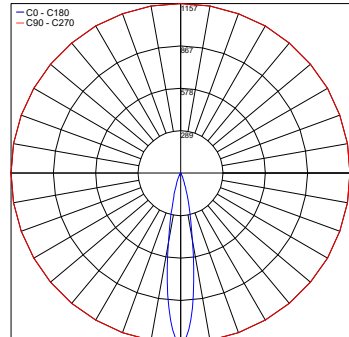


Maximum Candela = 498.3

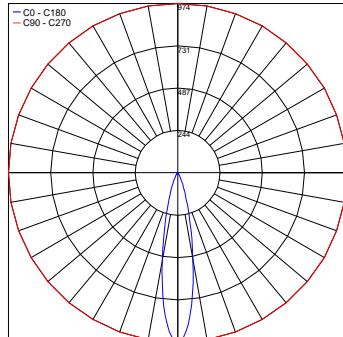


### CRI 80 - 3.5W

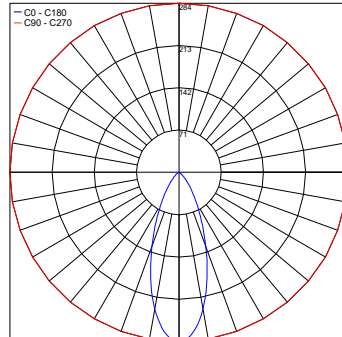
Maximum Candela = 1156.5



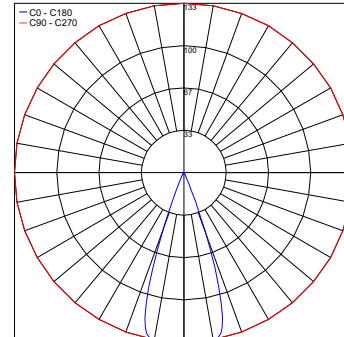
Maximum Candela = 974.1



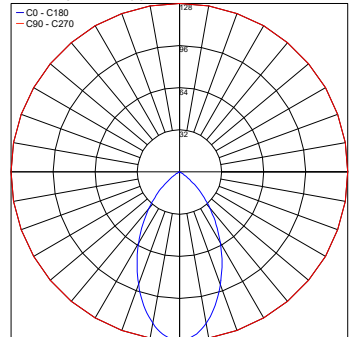
Maximum Candela = 284.4



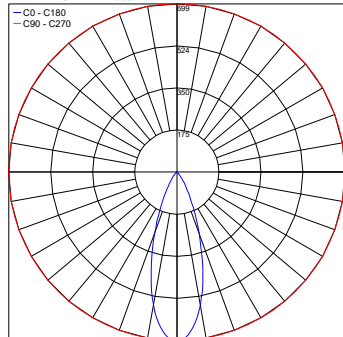
Maximum Candela = 133.1



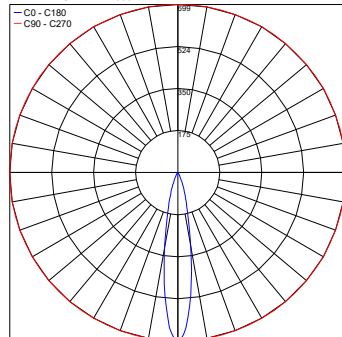
Maximum Candela = 128.3



Maximum Candela = 699.2



Maximum Candela = 699.2



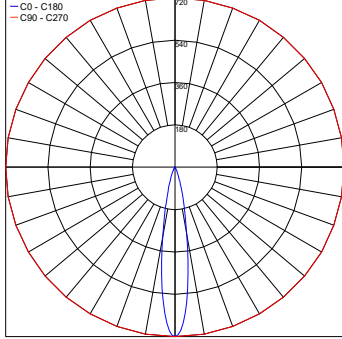
Job Name/Date:

Fixture Type Designation:

## PHOTOMETRIC DATA - Note: all Photometry is 3000K

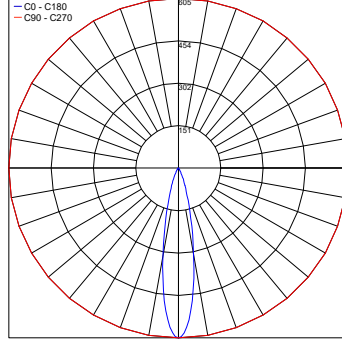
### CRI 90 - 2.5W

Maximum Candela = 720.1



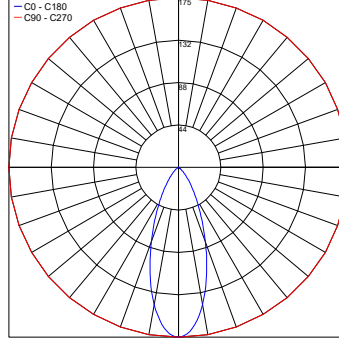
PHOTOMETRIC FILENAME : REIKO\_1.0\_S\_17\_3000K\_CRI90\_2.5W\_24VDC.IES

Maximum Candela = 604.8



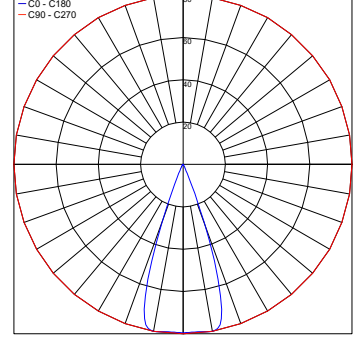
PHOTOMETRIC FILENAME : REIKO\_1.0\_M\_21\_3000K\_CRI90\_2.5W\_24VDC.IES

Maximum Candela = 175.5



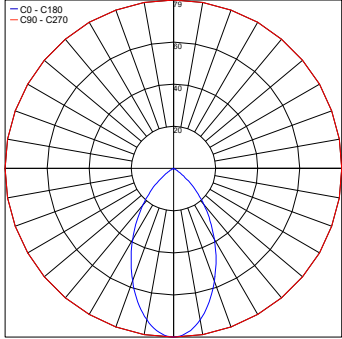
PHOTOMETRIC FILENAME : REIKO\_1.0\_L\_38\_3000K\_CRI90\_2.5W\_24VDC.IES

Maximum Candela = 79.9



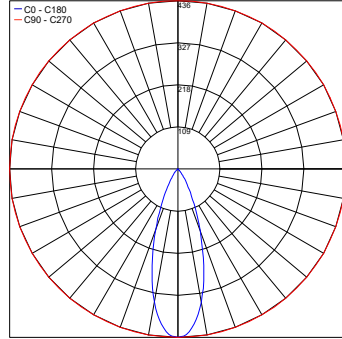
PHOTOMETRIC FILENAME : REIKO\_1.0\_P\_38\_3000K\_CRI90\_2.5W\_24VDC.IES

Maximum Candela = 79.5



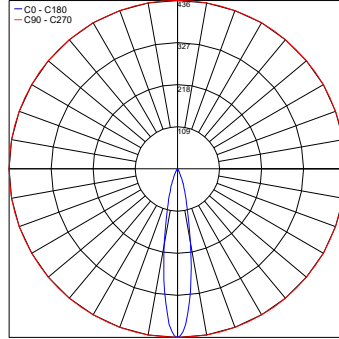
PHOTOMETRIC FILENAME : REIKO\_1.0\_S\_17\_3000K\_CRI90\_2.5W\_24VDC.IES

Maximum Candela = 436.5



PHOTOMETRIC FILENAME : REIKO\_1.0\_M\_21\_3000K\_CRI90\_2.5W\_24VDC.IES

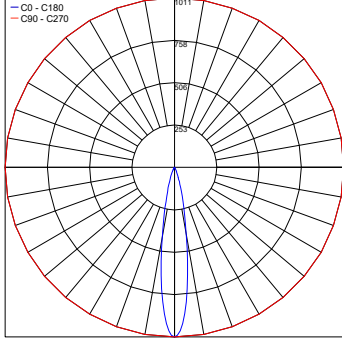
Maximum Candela = 436.5



PHOTOMETRIC FILENAME : REIKO\_1.0\_L\_38\_3000K\_CRI90\_2.5W\_24VDC.IES

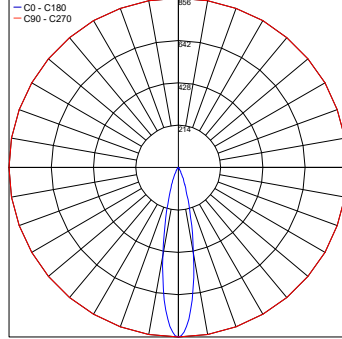
### CRI 90 - 3.5W

Maximum Candela = 1011.1



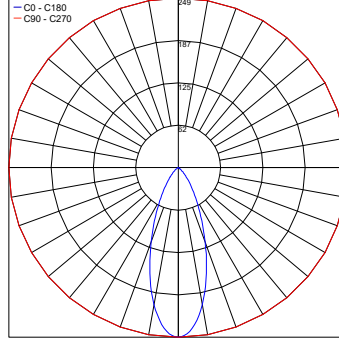
PHOTOMETRIC FILENAME : REIKO\_1.0\_S\_17\_3000K\_CRI90\_3.5W\_24VDC.IES

Maximum Candela = 856.3



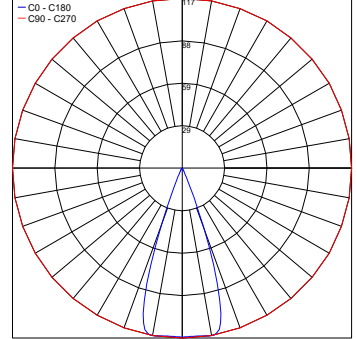
PHOTOMETRIC FILENAME : REIKO\_1.0\_M\_21\_3000K\_CRI90\_3.5W\_24VDC.IES

Maximum Candela = 249.3



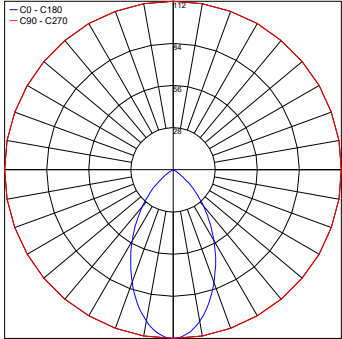
PHOTOMETRIC FILENAME : REIKO\_1.0\_L\_38\_3000K\_CRI90\_3.5W\_24VDC.IES

Maximum Candela = 117.1



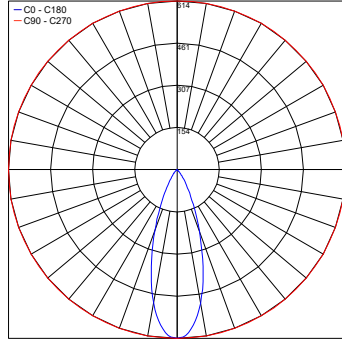
PHOTOMETRIC FILENAME : REIKO\_1.0\_P\_38\_3000K\_CRI90\_3.5W\_24VDC.IES

Maximum Candela = 112.0



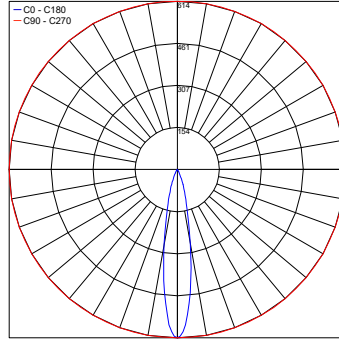
PHOTOMETRIC FILENAME : REIKO\_1.0\_S\_17\_3000K\_CRI90\_3.5W\_24VDC.IES

Maximum Candela = 614.2



PHOTOMETRIC FILENAME : REIKO\_1.0\_M\_21\_3000K\_CRI90\_3.5W\_24VDC.IES

Maximum Candela = 614.2



PHOTOMETRIC FILENAME : REIKO\_1.0\_L\_38\_3000K\_CRI90\_3.5W\_24VDC.IES

Job Name/Date:

Fixture Type Designation: