

# KUBOID 90

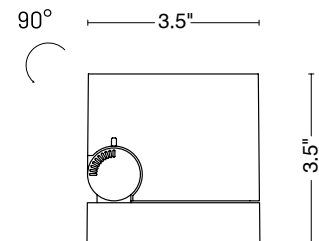
KUBOID is an adjustable, hexahedron cube luminaire that comes in 3 sizes and is suitable for outdoor installation on ceilings, walls, floors or in ground using steel stakes. KUBOID 90 is the smallest version at 3.5" cubed and offers 4 light beam options and 4 standard finishes.



## TECHNICAL DATA

|                            |  |
|----------------------------|--|
| <b>LED Wattage / Total</b> | 6W LED, 8W total   |
| <b>Power Supply</b>        | Remote 24VDC, not included. See page 2.  |
| <b>Construction</b>        | Body: Die-Cast Aluminum<br>Lens: Opal Glass (diffuse version)<br>Silk-screened printed glass (optics versions)       |
| <b>CCT</b>                 | 3000K (other colors on request)  |
| <b>BUG Rating</b>          | B0-U1-G0 (diffuse)<br>B1-U1-G0 (optics)  |
| <b>CRI</b>                 | >90  |
| <b>Delivered Lumens</b>    | 590 lm (30°)   |
| <b>Efficacy</b>            | 73.8 lm/W (30°)  |
| <b>Optics</b>              | Diffuse, Spot, Medium, Flood (see below)<br>Adjustable ±120° - horizontal axis<br>Adjustable 90° on the vertical one |
| <b>Finishes</b>            | 5 Standard, See Below  |
| <b>Fixture Dimensions</b>  | 3.5" x 3.5"  |
| <b>Lumen Maintenance</b>   | L70 >50,000hrs (Ta 40°C)   |
| <b>Color Consistency</b>   | 3-Step MacAdam   |
| <b>IP Rating</b>           | IP67   |
| <b>Impact Resistance</b>   | IK08   |

Fixture Dimensions



## ORDERING INFORMATION

Example: LNKB50PROMHBBZV.US. Accessories / Power Supplies ordered separately.

|                  |  |                  |            |  |           |
|------------------|--|------------------|------------|--|-----------|
|                  |  | <b>H</b>         | <b>BBZ</b> |  | <b>US</b> |
| <b>Model No.</b> | <b>Optics</b>  | <b>CCT</b>       |            | <b>Finish</b>  |           |
| <b>LNKB50PRO</b> | <b>S</b> - 14° Spot<br><b>M</b> - 30° Medium<br><b>F</b> - 45° Flood | <b>H</b> - 3000K | <b>BBZ</b> | <b>L</b> - Graphite<br><b>V</b> - Oxide<br><b>G</b> - Black<br><b>U</b> - White<br><b>H</b> - Gray | <b>US</b> |
| <b>LNKB51PRO</b> | <b>D</b> - Diffuse   |                  |            |  |           |

Job Name/Date:

Fixture Type Designation:

## SUGGESTED POWER SUPPLIES

24VDC

| Part Number               | Description   | Input/Output                            | # of Fixtures |
|---------------------------|---|---|---------------|
| <a href="#">PPLT00149</a> | Non-Dim   | 120VAC to 24VDC, 10W, Class 2, IP65     | 1-1           |
| <a href="#">PPLT00632</a> | 0-10V Dimming (Dim to Off)                              | 120-277VAC to 24VDC, 12W, Class 2       | 1-1           |
| <a href="#">PPLT00155</a> | Non-Dim   | 120VAC to 24VDC, 30W, Class 2           | 1-4           |
| <a href="#">PPLT00586</a> | Non-Dim   | 120-277VAC to 24VDC, 40W, Class 2       | 1-5           |
| <a href="#">PPLT00709</a> | ELV / TRIAC & 0-10V Dimming                             | 120-277VAC to 24VDC, 96W, Class 2, DAMP | 1-12          |
| <a href="#">PPLT00543</a> | 0-10V Dimming to 15% (-40°C / -40°F cold weather start) | 120-277VAC to 24VDC, 100W, Class 2      | 2-13          |

## Suggested Lutron Compatible

| Part Number               | Option         | Lutron SKU | Dim Range | Description  | Input/Output                      | # of Fixtures |
|---------------------------|----------------|------------|-----------|--|-----------------------------------|---------------|
| <a href="#">PPLT00273</a> | L3DAE / L3DA3W | L3DA       | 100%-1%   | Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver       | 120-277VAC to 24VDC, 40W, Class 2 | 1-5           |
| <a href="#">PPLT00530</a> | L3D0           | L3D0       | 100%-0.1% | Hi-Lume™ Premier 0.1% or Ecosystem 3-Wire LED Driver | 120-277VAC to 24VDC, 96W, Class 2 | 1-12          |

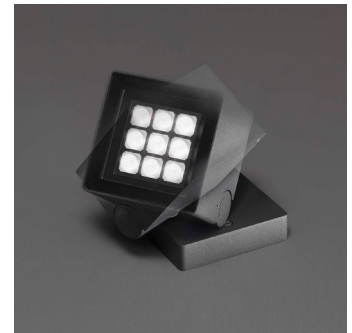
For other power supply options consult factory.

## ACCESSORIES - Installation



**00AKB50**  
Steel fixing spike kit

## ROTATION



Horizontal



Vertical

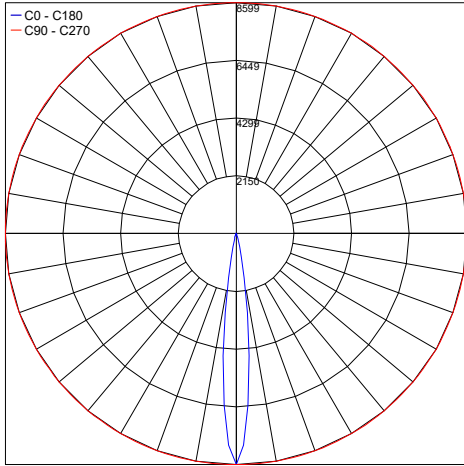
Job Name/Date:

Fixture Type Designation:

## PHOTOMETRIC DATA

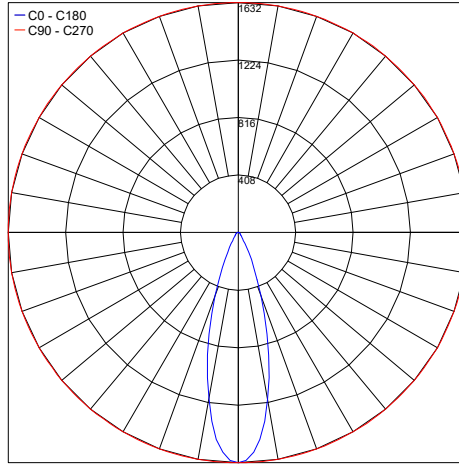
Note: All photometric data is 3000K

Maximum Candela = 8599



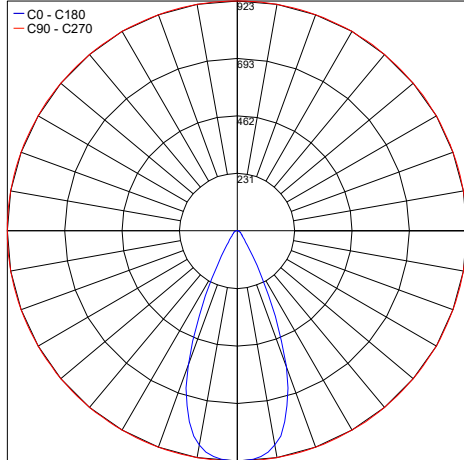
PHOTOMETRIC FILENAME : KUBOID 90 SPOT 30K - KB50PROSXB10X.IES

Maximum Candela = 1631.7



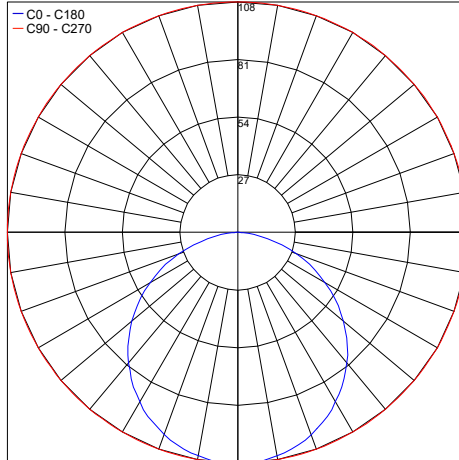
PHOTOMETRIC FILENAME : KUBOID 90 MEDIUM 30K - KB50PROMXB10X.IES

Maximum Candela = 923.5



PHOTOMETRIC FILENAME : KUBOID 90 FLOOD 30K - KB50PROFXB10X.IES

Maximum Candela = 108.2



PHOTOMETRIC FILENAME : KUBOID 90 DIFFUSE 30K - KB51PRODXB10X.IES

Job Name/Date:

Fixture Type Designation: