

## JENNY-CY

~105° + 105° batwing light distribution for canopy and symmetrical tunnel lighting. Variant with wire channels on the sides enabling compatibility with small COBs.

### TECHNICAL SPECIFICATIONS:

Dimensions	35.0 x 35.0 mm
Height	11.5 mm
Fastening	tape
ROHS compliant	yes ⓘ

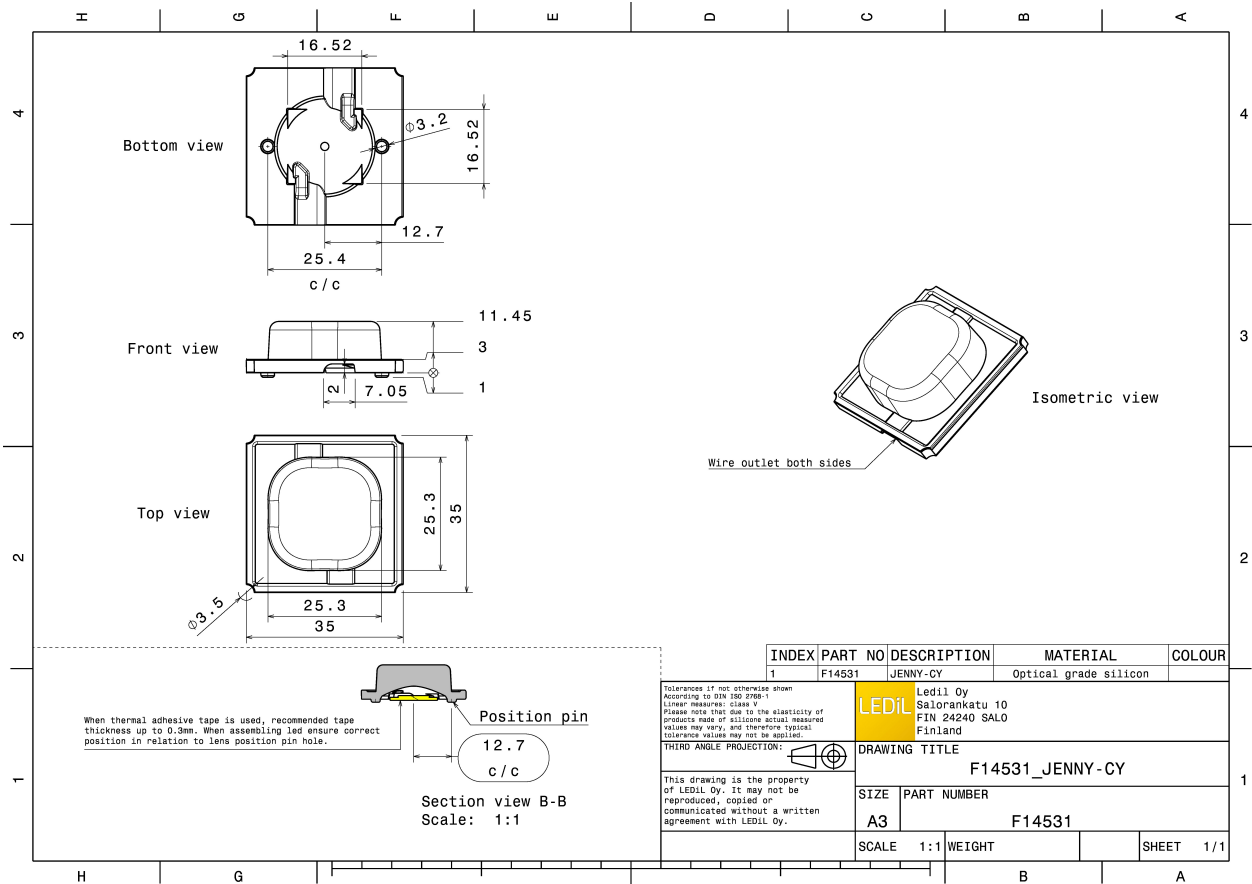


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
JENNY-CY	Single lens	Silicone	clear	

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F14531_JENNY-CY	1440	120	60	10.3
» Box size: 480 x 280 x 300 mm				

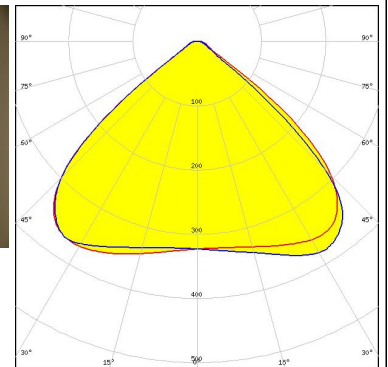
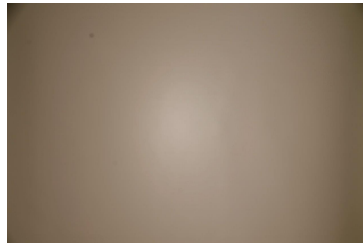


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

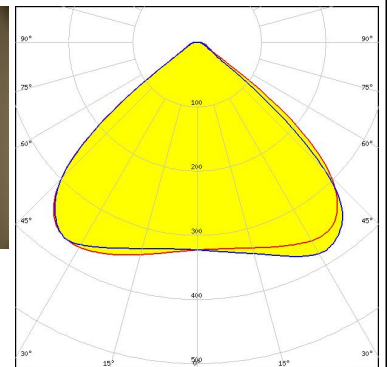
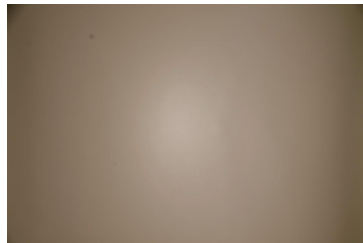
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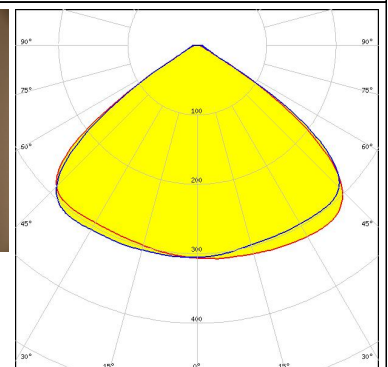
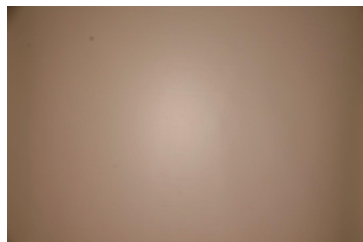
LED V10 Gen6  
FWHM / FWTM 102.0° / 117.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



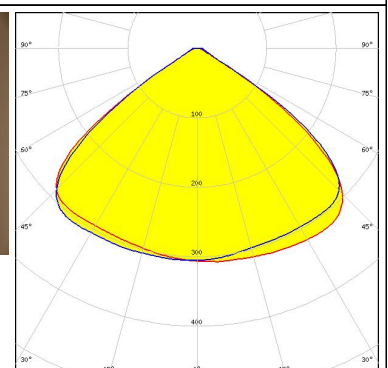
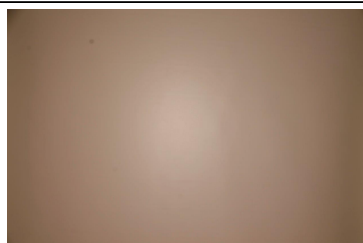
LED V10 Gen6  
FWHM / FWTM 103.0 + 101.0° / 117.0 + 115.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14436\_JENNY-HLD-A-BLK



LED V6 Gen6  
FWHM / FWTM 110.0° / 123.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



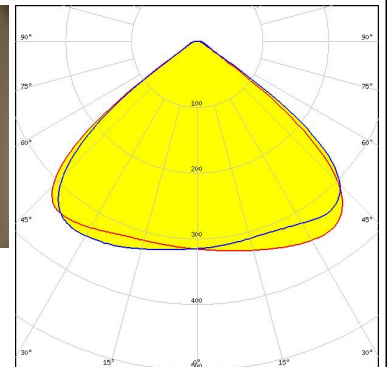
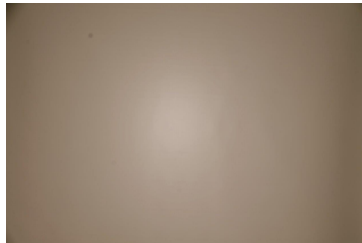
LED V6 Gen6  
FWHM / FWTM 110.0° / 123.0 + 124.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14436\_JENNY-HLD-A-BLK



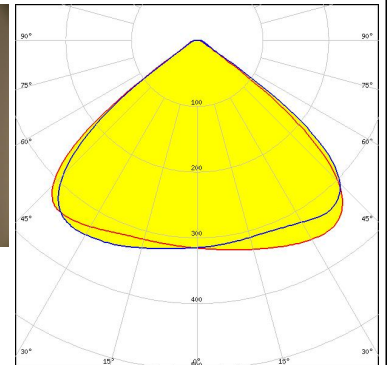
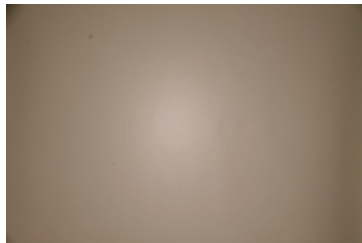
### PHOTOMETRIC DATA (MEASURED):



LED V8 Gen6  
FWHM / FWTM 105.0° / 121.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

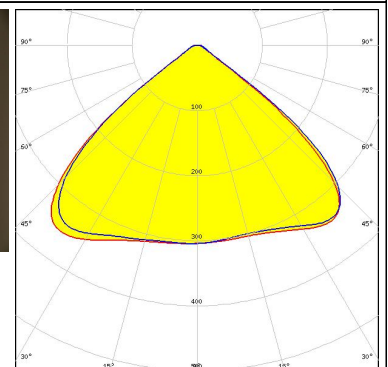
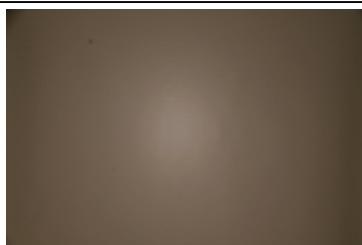


LED V8 Gen6  
FWHM / FWTM 105.0 + 106.0° / 118.0 + 119.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14436\_JENNY-HLD-A-BLK



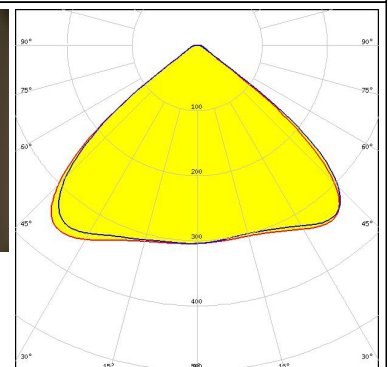
### CITIZEN

LED CLL01x  
FWHM / FWTM 104.0° / 116.0 + 117.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14436\_JENNY-HLD-A-BLK



### CITIZEN

LED CLL01x  
FWHM / FWTM 104.0° / 117.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

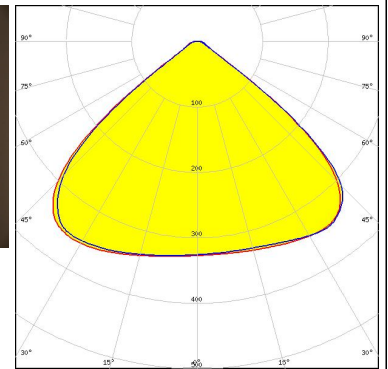
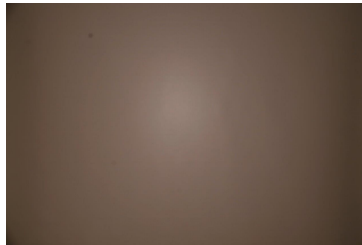




### PHOTOMETRIC DATA (MEASURED):

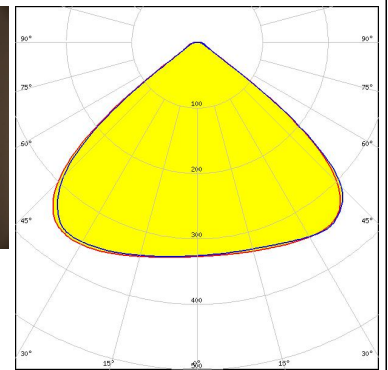
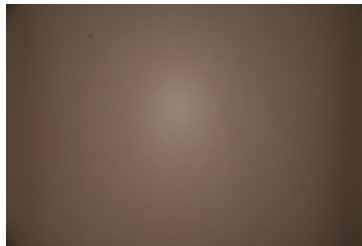
#### CITIZEN

LED CLL02x/CLU02x (LES10)  
FWHM / FWTM 103.0° / 117.0 + 116.0°  
Efficiency 93 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14436\_JENNY-HLD-A-BLK



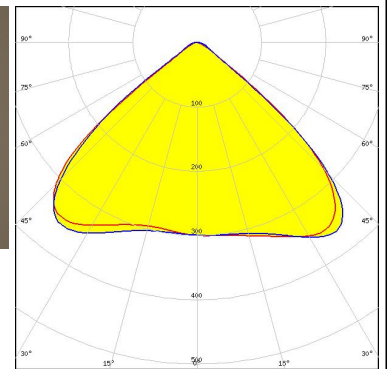
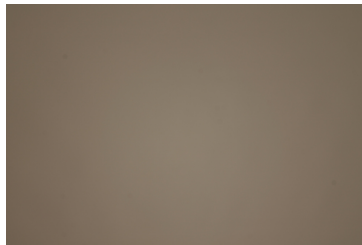
#### CITIZEN

LED CLL02x/CLU02x (LES10)  
FWHM / FWTM 103.0° / 116.0°  
Efficiency 93 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



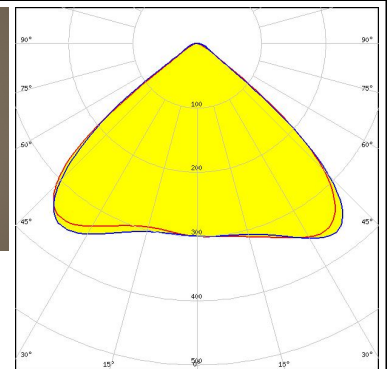
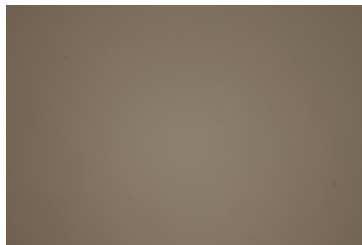
#### CITIZEN

LED CLU700/701/702  
FWHM / FWTM 102.0° / 116.0 + 118.0°  
Efficiency 93 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14436\_JENNY-HLD-A-BLK



#### CITIZEN

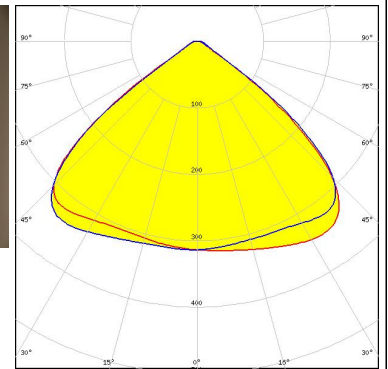
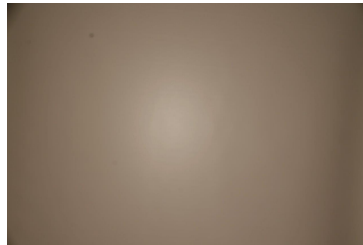
LED CLU700/701/702  
FWHM / FWTM 102.0° / 116.0 + 118.0°  
Efficiency 93 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



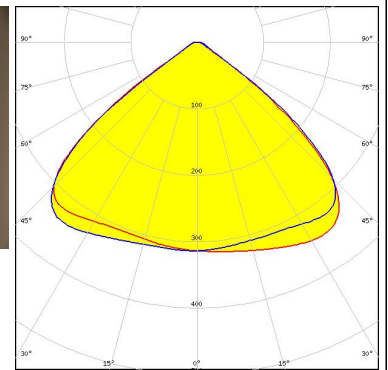
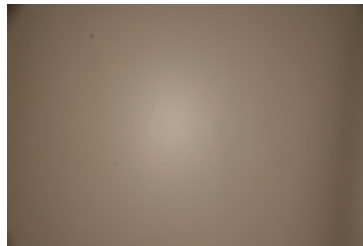
#### PHOTOMETRIC DATA (MEASURED):



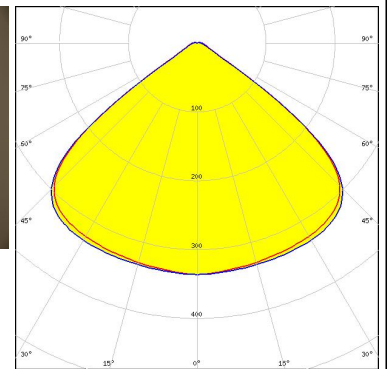
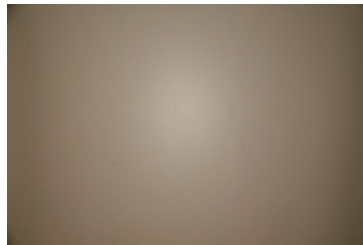
LED CXA/B 13xx  
FWHM / FWTM 105.0° / 119.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14436\_JENNY-HLD-A-BLK



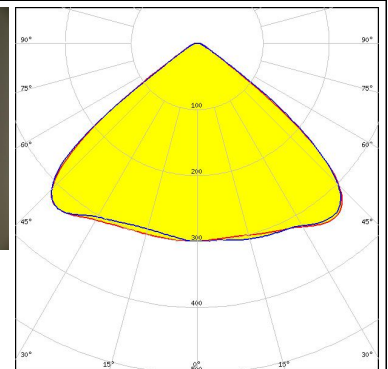
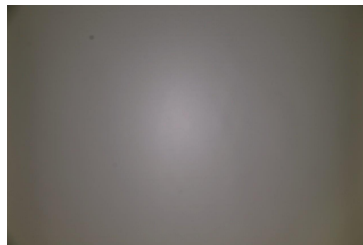
LED CXA/B 13xx  
FWHM / FWTM 105.0° / 119.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED CXA/B 15xx  
FWHM / FWTM 106.0° / 119.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



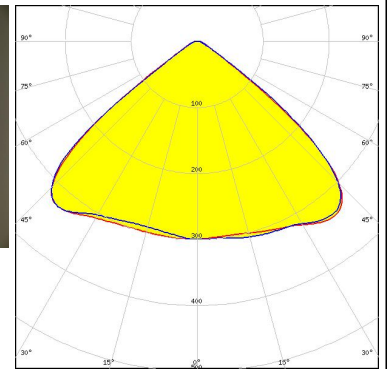
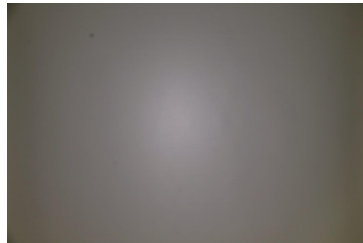
LED MK-R  
FWHM / FWTM 105.0° / 121.0°  
Efficiency 92 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14436\_JENNY-HLD-A-BLK



### PHOTOMETRIC DATA (MEASURED):

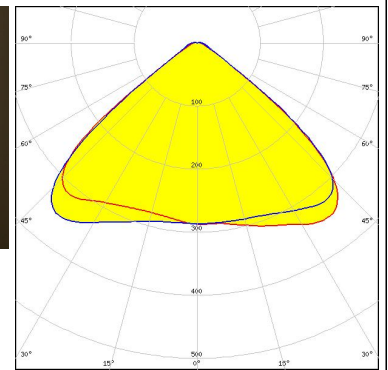
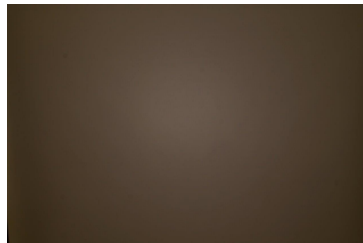
#### CREE LED

LED MK-R  
FWHM / FWTM 105.0° / 120.0°  
Efficiency 92 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



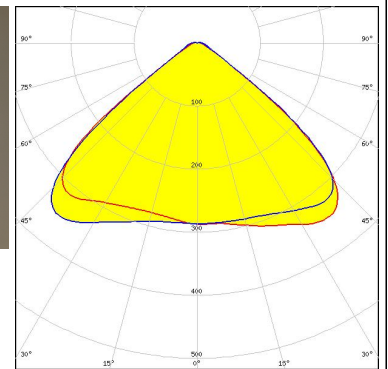
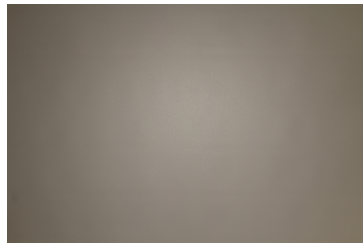
#### CREE LED

LED XHP50  
FWHM / FWTM 105.0° / 126.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14436\_JENNY-HLD-A-BLK



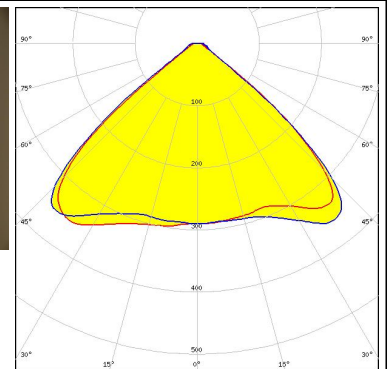
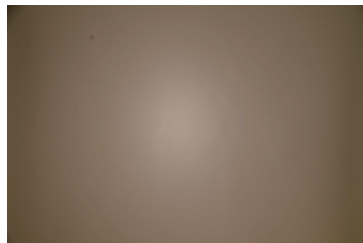
#### CREE LED

LED XHP50  
FWHM / FWTM 105.0° / 126.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### CREE LED

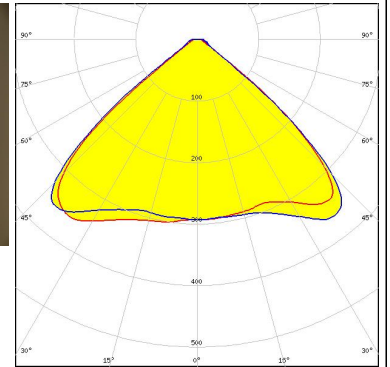
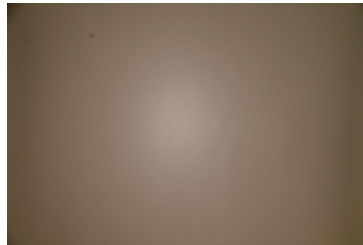
LED XM-L EZW  
FWHM / FWTM 103.0° / 119.0°  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



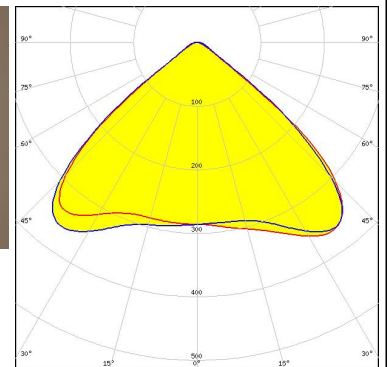
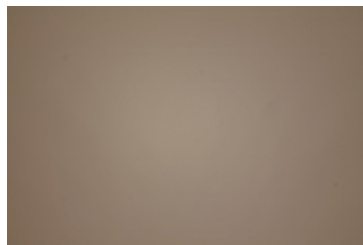
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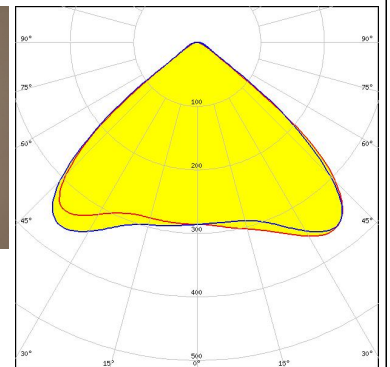
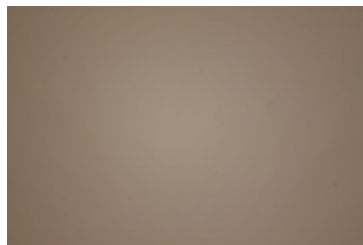
LED XM-L EZW  
 FWHM / FWTM 102.0 + 103.0° / 117.0 + 120.0°  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14436\_JENNY-HLD-A-BLK



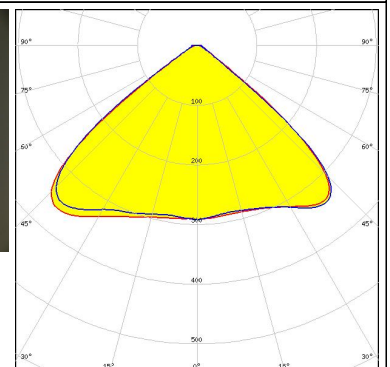
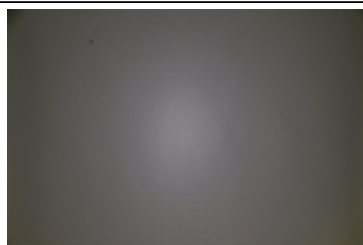
LED LUXEON 5258  
 FWHM / FWTM 103.0 + 104.0° / 118.0 + 120.0°  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14436\_JENNY-HLD-A-BLK



LED LUXEON 5258  
 FWHM / FWTM 103.0° / 118.0 + 120.0°  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



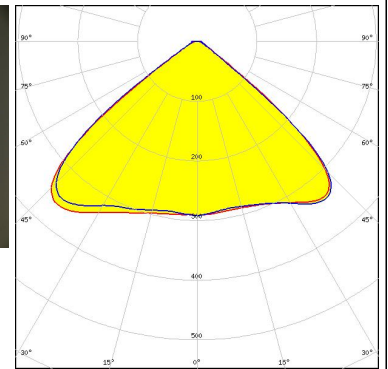
LED LUXEON M/MX  
 FWHM / FWTM 104.0° / 120.0°  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



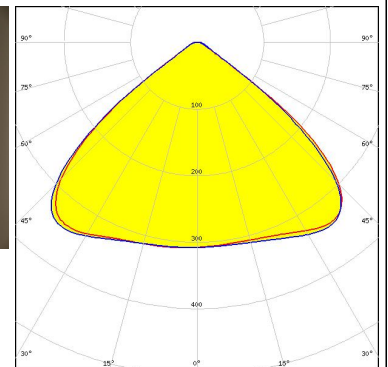
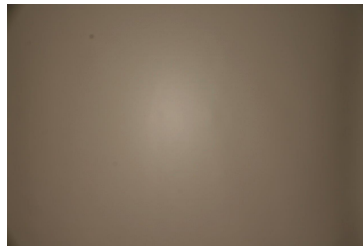
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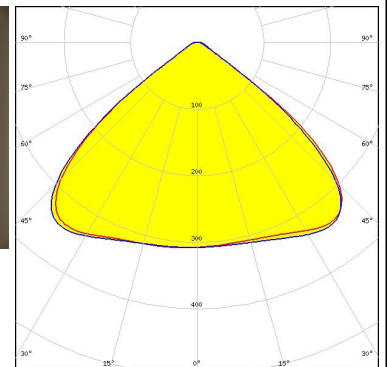
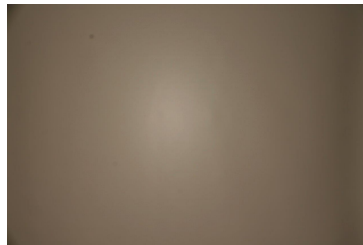
LED LUXEON M/MX  
FWHM / FWTM 105.0° / 120.0°  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14436\_JENNY-HLD-A-BLK



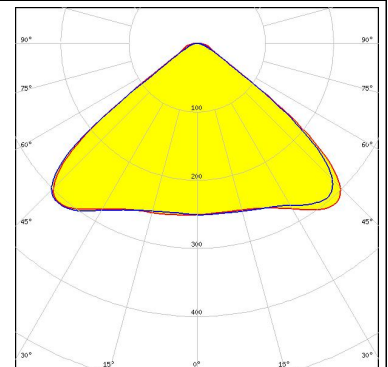
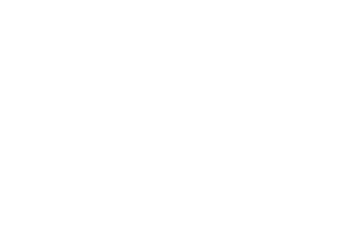
LED NSMx286M  
FWHM / FWTM 105.0° / 118.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NSMx286M  
FWHM / FWTM 105.0 + 104.0° / 118.0 + 119.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14436\_JENNY-HLD-A-BLK



LED NV4x144A  
FWHM / FWTM 107.0° / 132.0 + 128.0°  
Efficiency 92 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14436\_JENNY-HLD-A-BLK



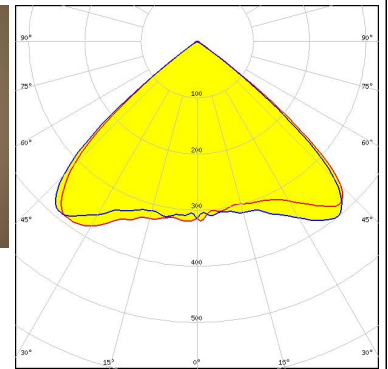
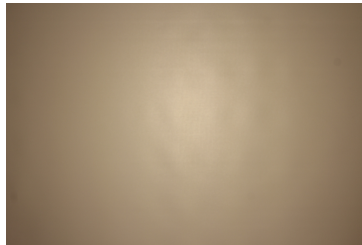


#### PHOTOMETRIC DATA (MEASURED):

##### OSRAM

Opto Semiconductors

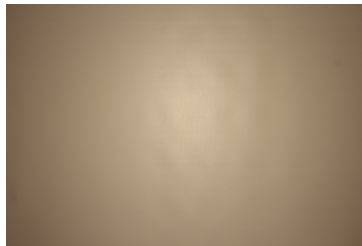
LED Duris S10  
FWHM / FWTM 108.0° / 124.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14436\_JENNY-HLD-A-BLK



##### OSRAM

Opto Semiconductors

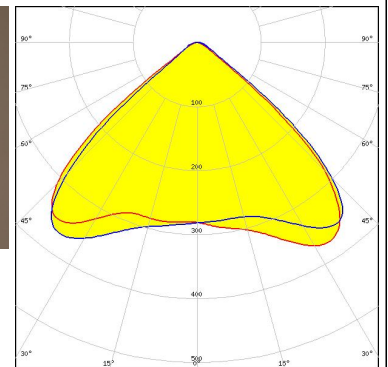
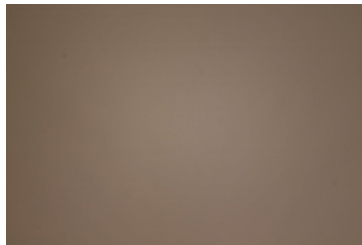
LED Duris S10  
FWHM / FWTM 108.0° / 124.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

Opto Semiconductors

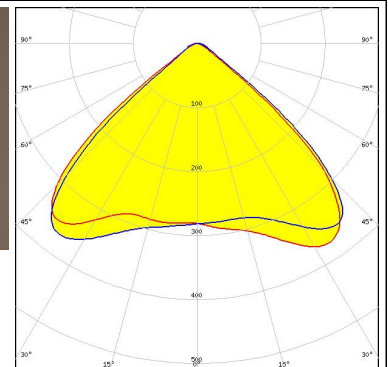
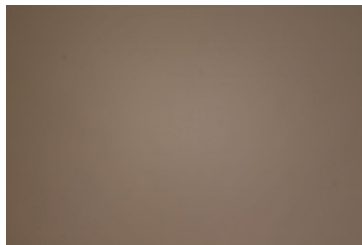
LED Duris S8  
FWHM / FWTM 102.0° / 117.0 + 120.0°  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14436\_JENNY-HLD-A-BLK



##### OSRAM

Opto Semiconductors

LED Duris S8  
FWHM / FWTM 102.0° / 118.0°  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

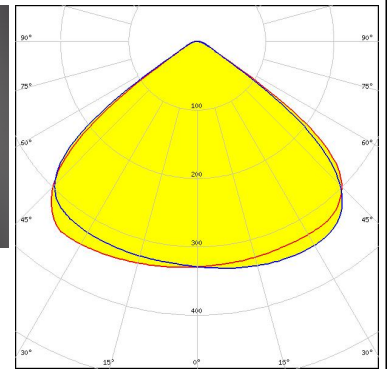
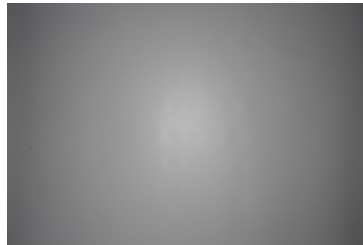




#### PHOTOMETRIC DATA (MEASURED):

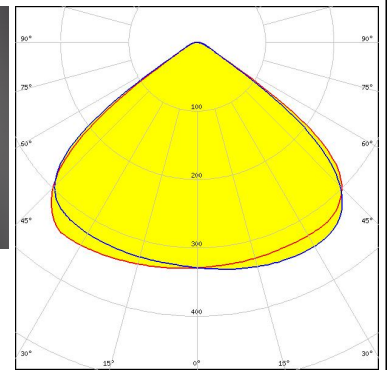
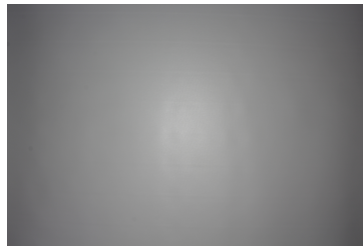
#### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
 FWHM / FWTM 106.0° / 121.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14436\_JENNY-HLD-A-BLK

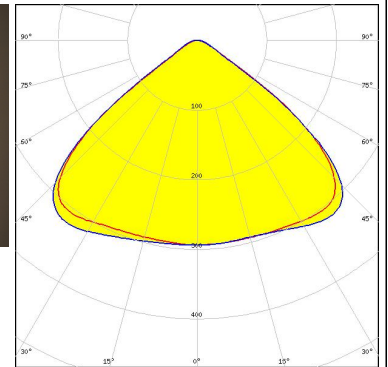
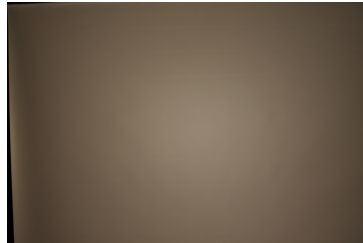


#### SAMSUNG

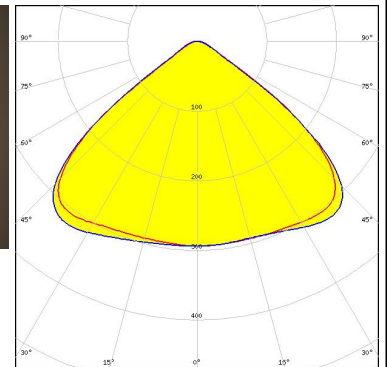
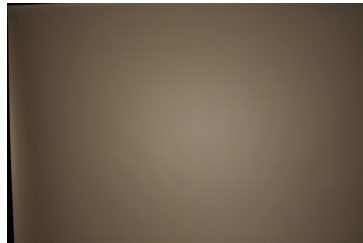
LED LC003D / LC006D / LC009D / LC013D  
 FWHM / FWTM 106.0° / 121.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED MJT COB LES 6  
 FWHM / FWTM 111.0° / 130.0°  
 Efficiency 91 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14436\_JENNY-HLD-A-BLK



LED MJT COB LES 6  
 FWHM / FWTM 111.0° / 130.0°  
 Efficiency 91 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



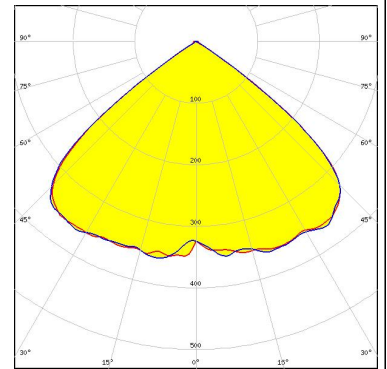
### PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 9.8</p> <p>FWHM / FWTM 105.0° / 128.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14436_JENNY-HLD-A-BLK</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 9.8</p> <p>FWHM / FWTM 105.0° / 128.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

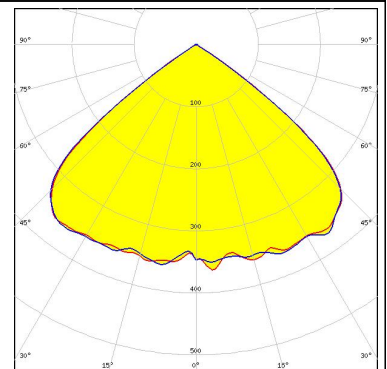
### PHOTOMETRIC DATA (SIMULATED):



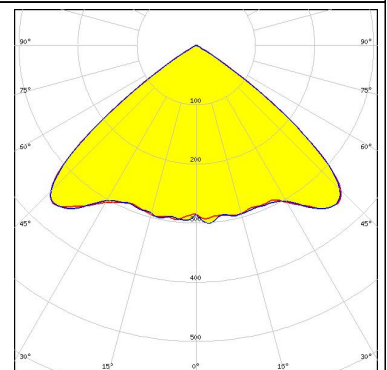
LED V10 Gen7  
 FWHM / FWTM 95.0 + 102.0° / 105.0 + 112.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



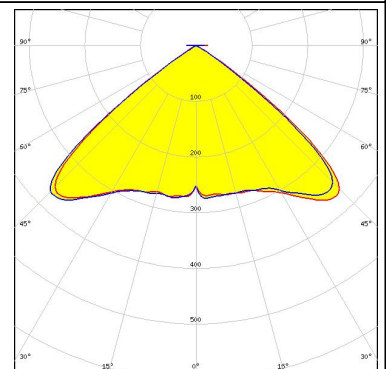
LED V10 Gen7  
 FWHM / FWTM 95.0 + 102.0° / 105.0 + 112.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14436\_JENNY-HLD-A-BLK



LED XHP35 HD  
 FWHM / FWTM 102.0° / 112.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



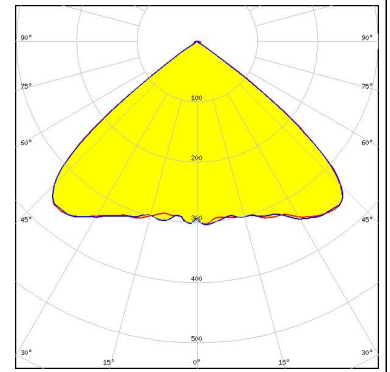
LED XHP50.2  
 FWHM / FWTM 104.0° / 114.0°  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



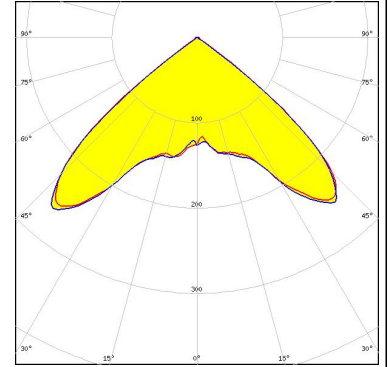
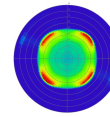
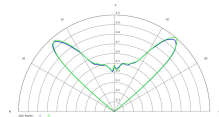
#### PHOTOMETRIC DATA (SIMULATED):



LED LUXEON 7070  
FWHM / FWTM 102.0° / 110.0°  
Efficiency 93 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



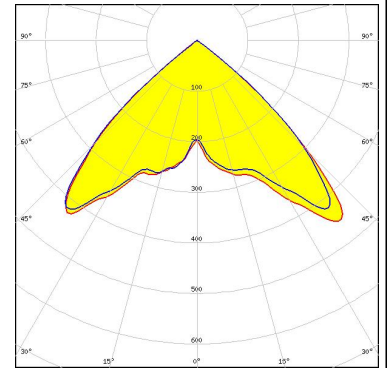
LED XFM-5050 4 Die  
FWHM / FWTM 98.0° / 103.0°  
Efficiency 66 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:



The UVC LED result tolerance is  $\pm 10$  %



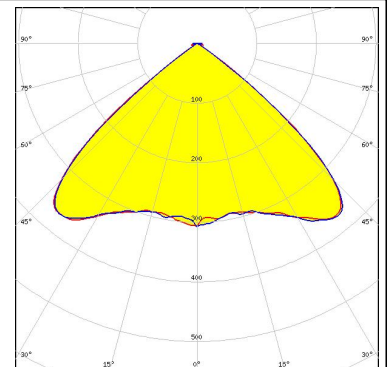
LED NCSU334A  
FWHM / FWTM 96.0° / 105.0°  
Efficiency 71 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:



The UVC LED result tolerance is  $\pm 10$  %



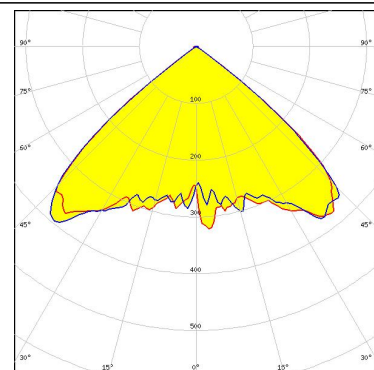
LED NVSxE21A  
FWHM / FWTM 100.0° / 110.0 + 108.0°  
Efficiency 94 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 4  
Light colour White  
Required components:



### PHOTOMETRIC DATA (SIMULATED):

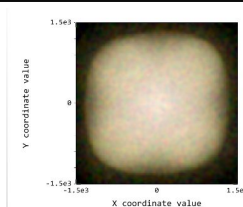
#### OSRAM Opto Semiconductors

LED OSCONIQ P 7070  
FWHM / FWTM 100.0° / 107.0°  
Efficiency 93 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14436\_JENNY-HLD-A-BLK



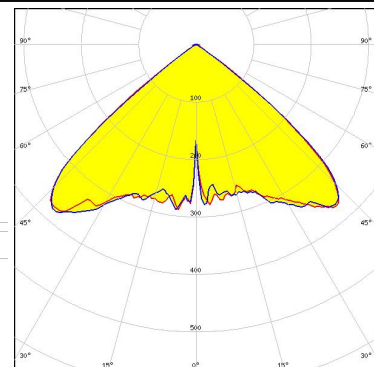
#### OSRAM Opto Semiconductors

LED OSCONIQ P 7070  
FWHM / FWTM 100.0° / 110.0 + 999.9°  
Efficiency 94 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



Detector image: Illuminance  
24.0.2014  
OSRAM - 1000 Surface L  
Size 1000.0mm (X) 1000.0mm (Y) 1000.0mm (Z)  
Peak Intensity 0.6 cd/lm  
Peak Power 0.6 cd/lm

FILE: F14531\_JENNY-HLD-A-BLK.dwg  
Configuration 1 of 1



### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

### MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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