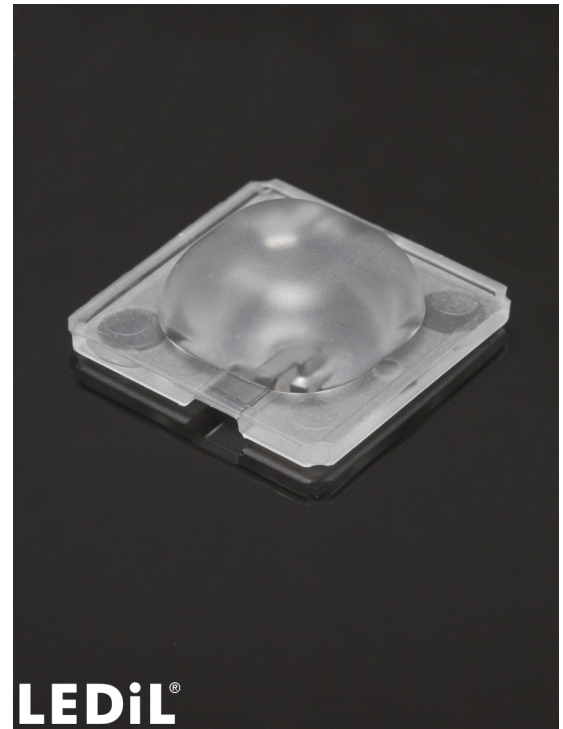


JENNY-CY

~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 ⓘ

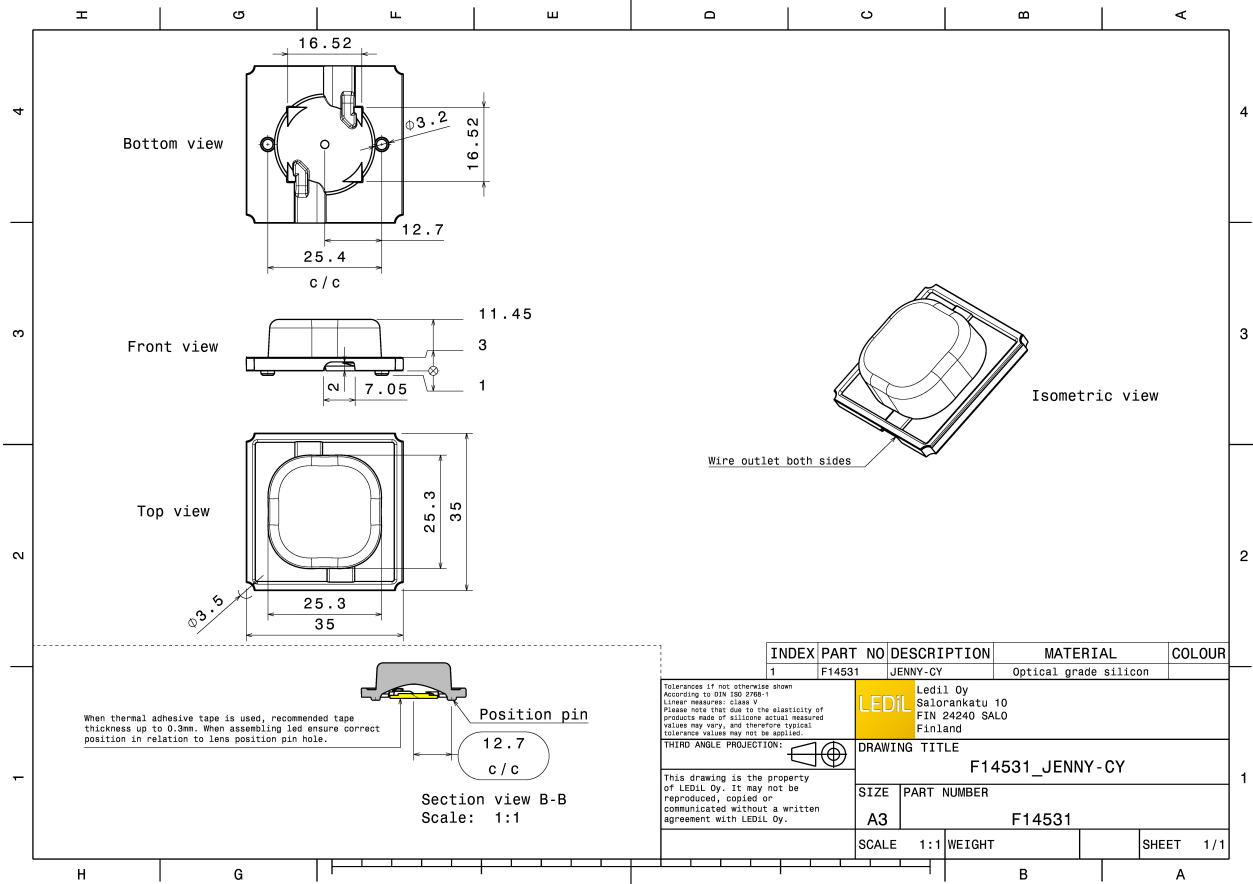


MATERIAL SPECIFICATIONS:

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

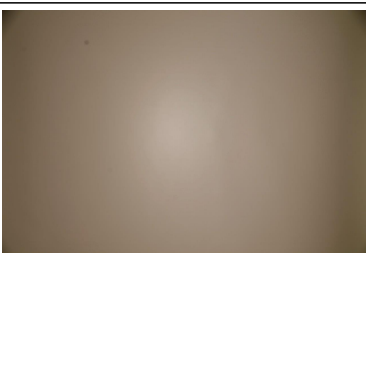
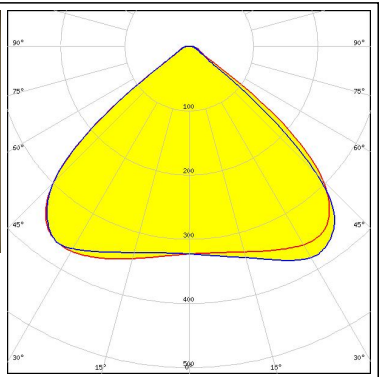
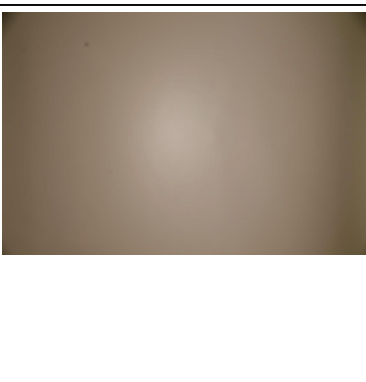
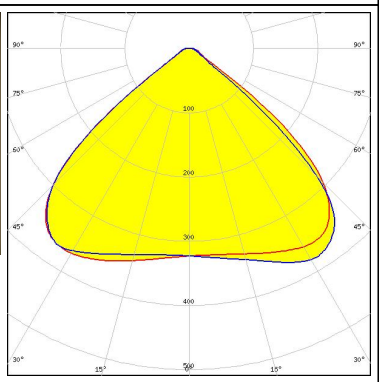
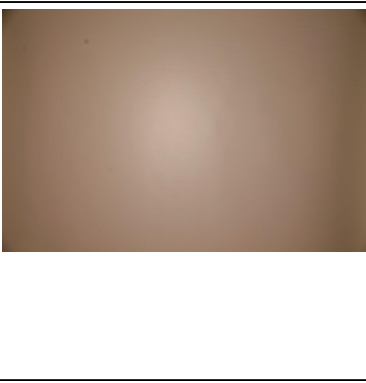
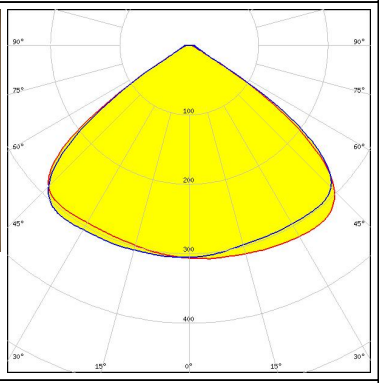
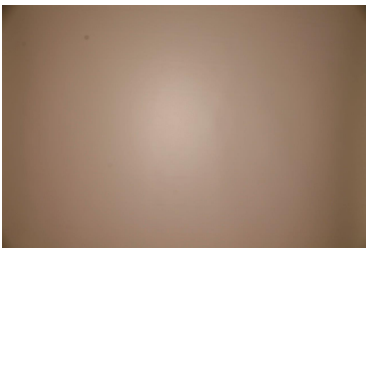
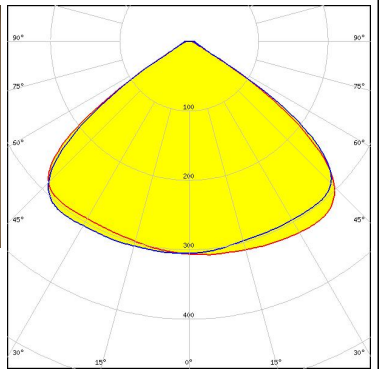
ORDERING INFORMATION:

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				


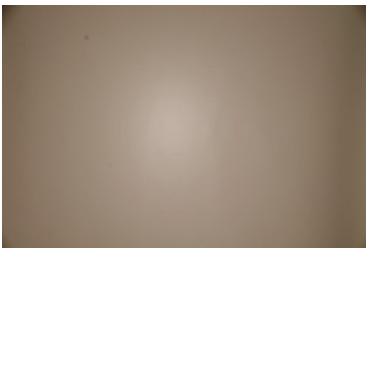
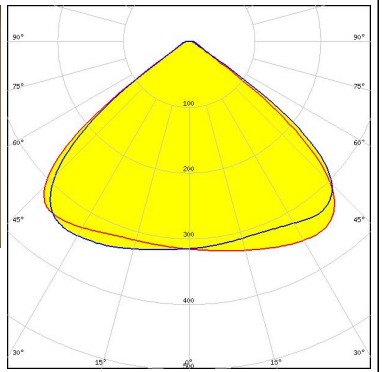

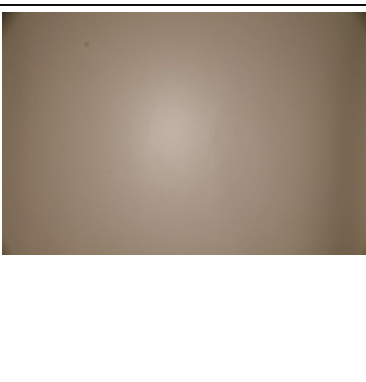
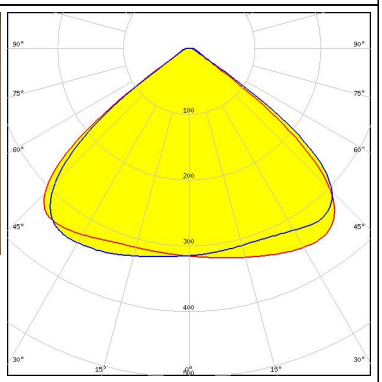
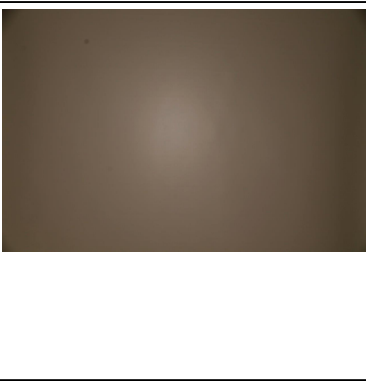
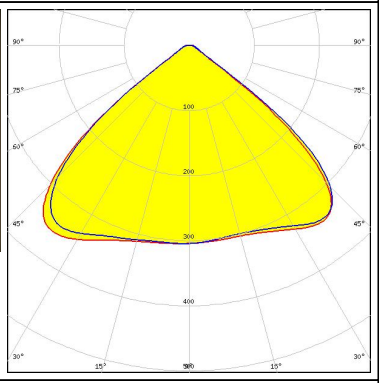
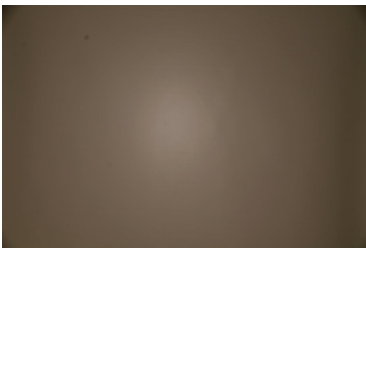
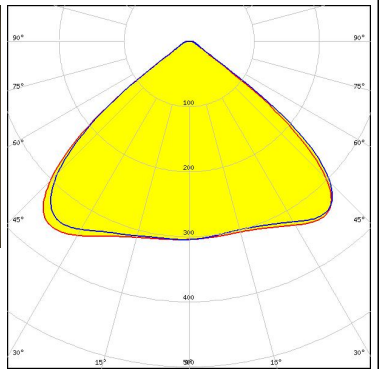


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V10 Gen6</p> <p>FWHM / FWTM 103.0 + 101.0° / 117.0 + 115.0°</p> <p>Efficiency 94 %</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>bridgelux.</p> <p>LED V10 Gen6</p> <p>FWHM / FWTM 102.0° / 117.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM / FWTM 110.0° / 123.0 + 124.0°</p> <p>Efficiency 94 %</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>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM / FWTM 110.0° / 123.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

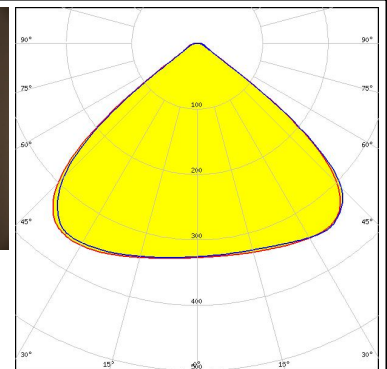
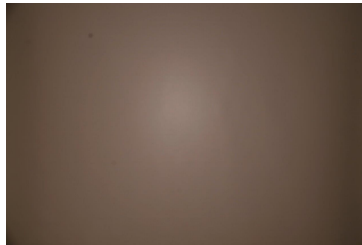
PHOTOMETRIC DATA (MEASURED):

<p></p> <p>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</p>		
<p></p> <p>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:</p>		
<p>CITIZEN</p> <p>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</p>		
<p>CITIZEN</p> <p>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:</p>		

PHOTOMETRIC DATA (MEASURED):

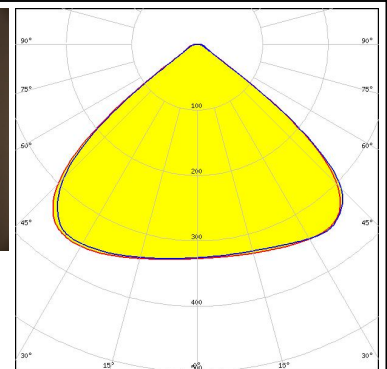
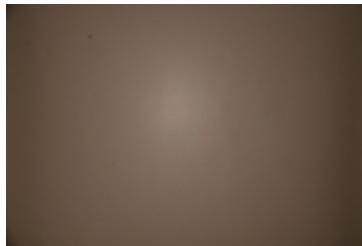
CITIZEN

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



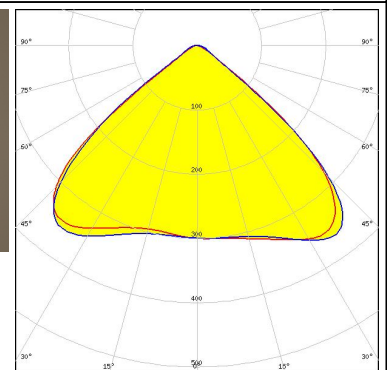
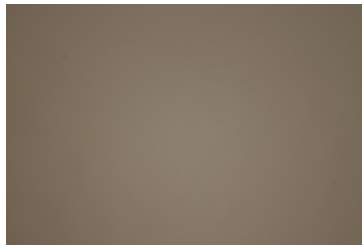
CITIZEN

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:



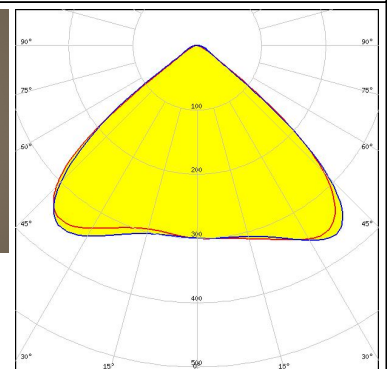
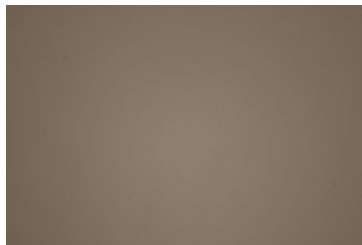
CITIZEN

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:



CITIZEN

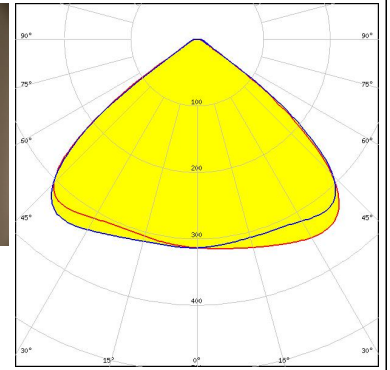
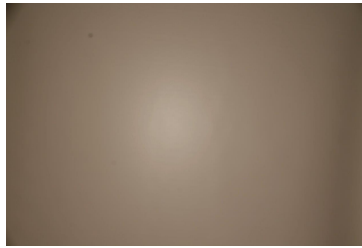
LED CLU700/701/702
 FWHM / FWTM 102.0° / 116.0 + 118.0°
 Efficiency 93 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



PHOTOMETRIC DATA (MEASURED):

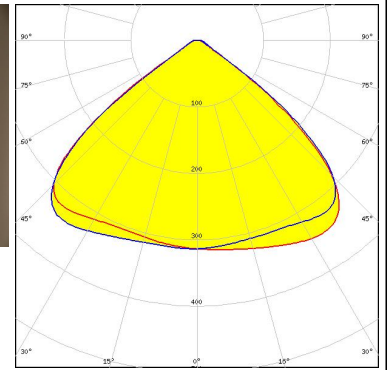
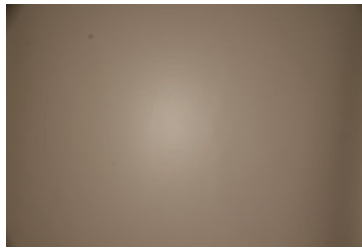
CREE 

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



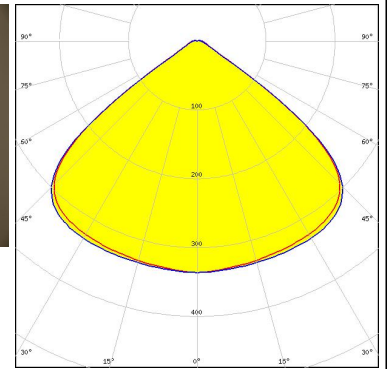
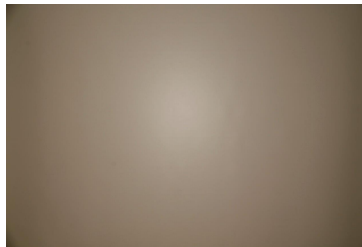
CREE 

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:



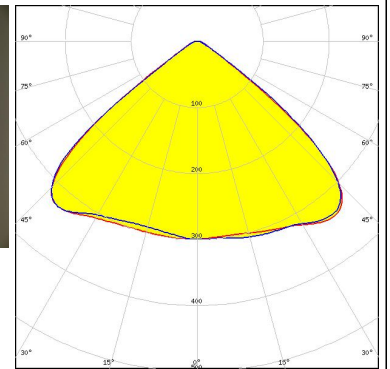
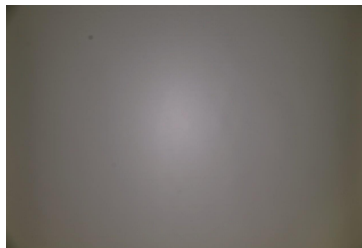
CREE 

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:



CREE 

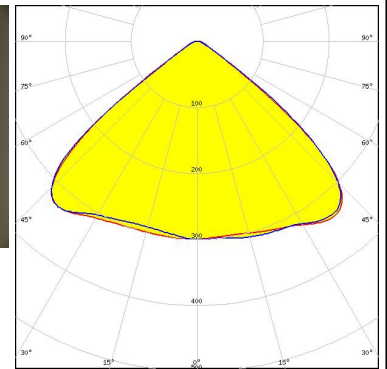
LED MK-R
 FWHM / FWTM 105.0° / 121.0°
 Efficiency 92 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



PHOTOMETRIC DATA (MEASURED):

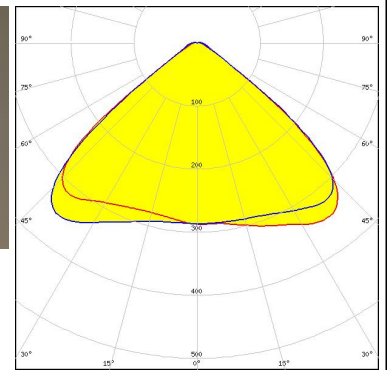
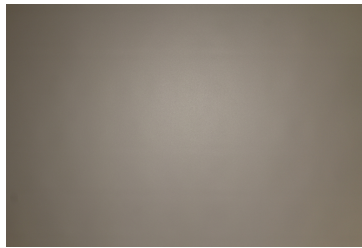
CREE 

LED 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:



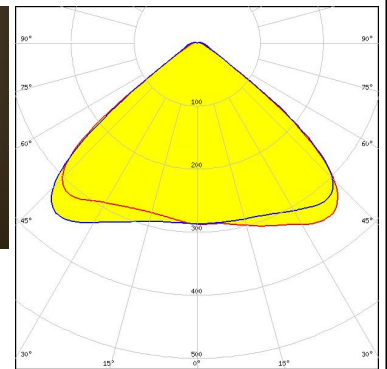
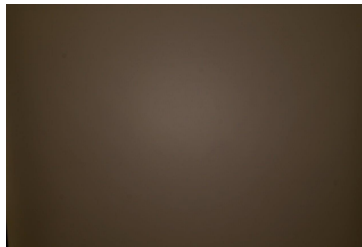
CREE 

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



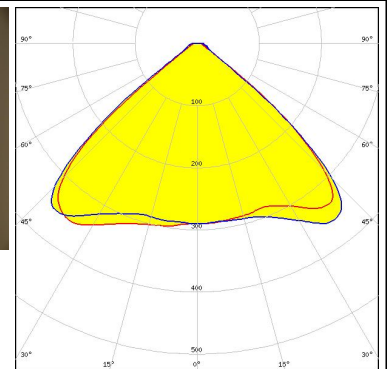
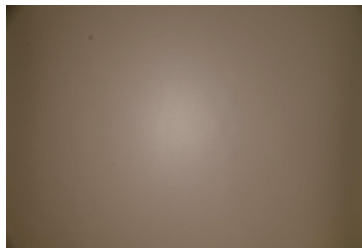
CREE 

LED 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 

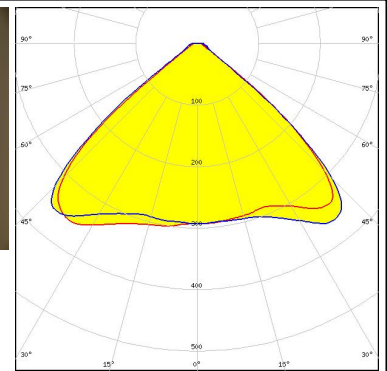
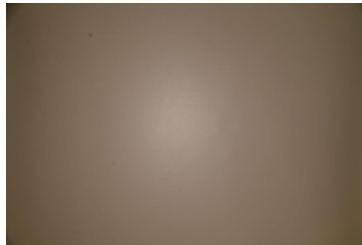
LED XM-L EZW
 FWHM / FWTM 103.0° / 119.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



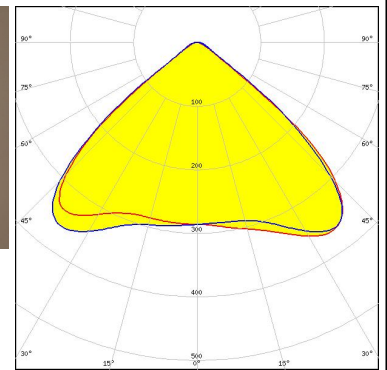
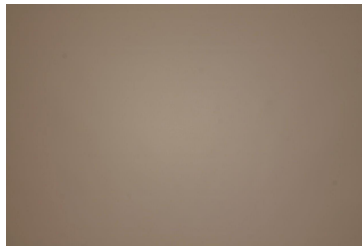
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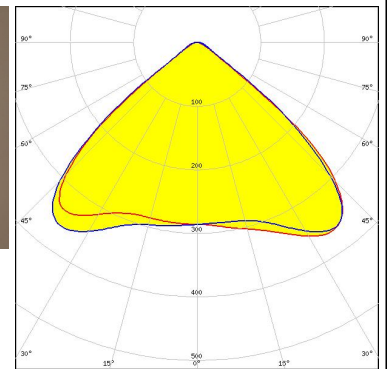
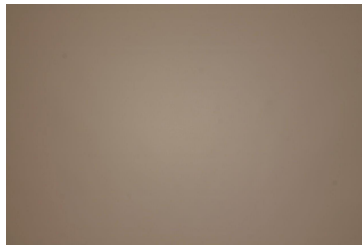
LED XM-L EZW
FWHM / FWTM 102.0 + 103.0° / 117.0 + 120.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C14436_JENNY-HLD-A-BLK



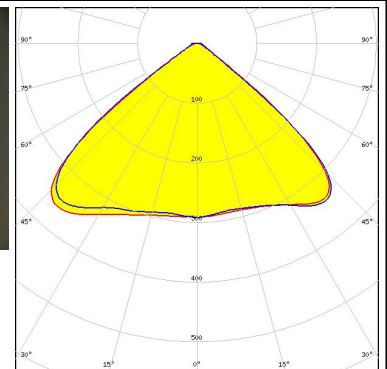
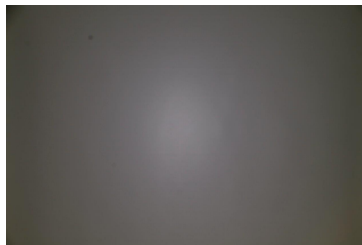
LED LUXEON 5258
FWHM / FWTM 103.0° / 118.0 + 120.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



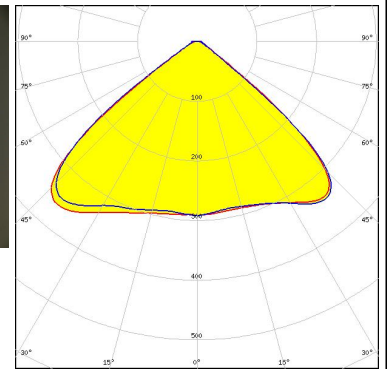
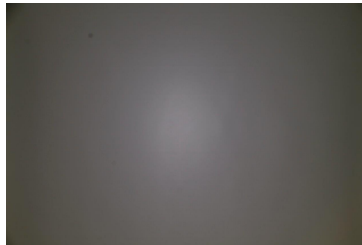
LED LUXEON M/MX
FWHM / FWTM 105.0° / 120.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C14436_JENNY-HLD-A-BLK



PHOTOMETRIC DATA (MEASURED):

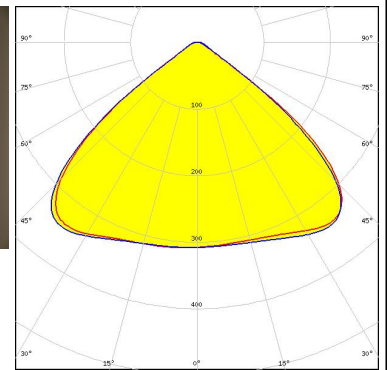
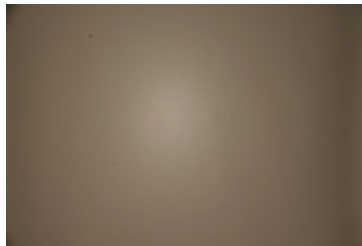
LUMILEDS

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:



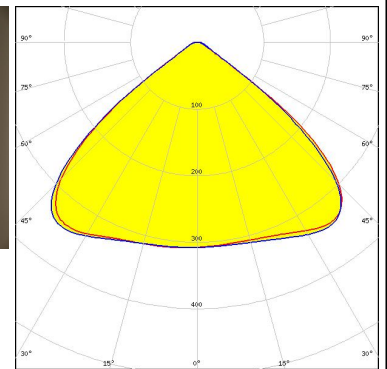
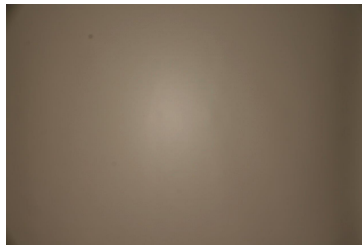
NICHIA

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



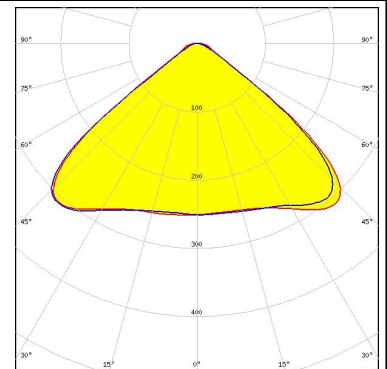
NICHIA

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:



NICHIA

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

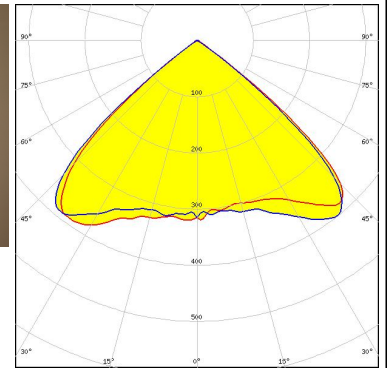
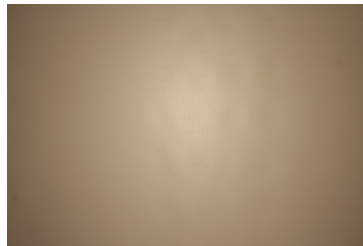
LED Duris S10
 FWHM / FWTM 108.0° / 124.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

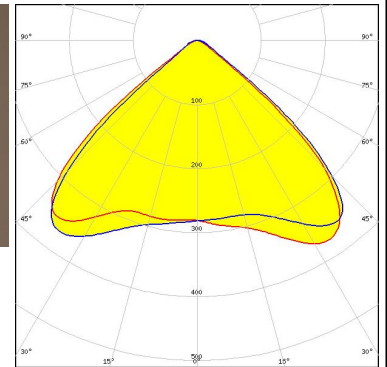
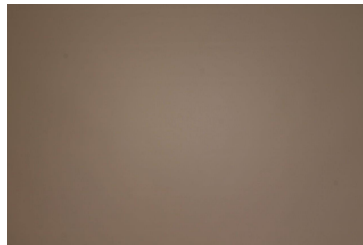
LED Duris S10
 FWHM / FWTM 108.0° / 124.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



OSRAM

Opto Semiconductors

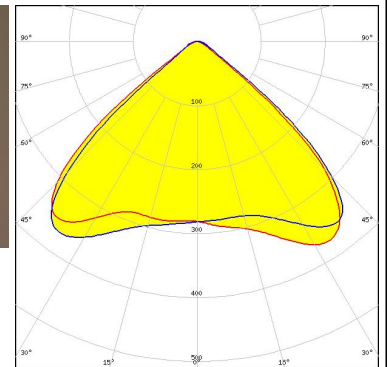
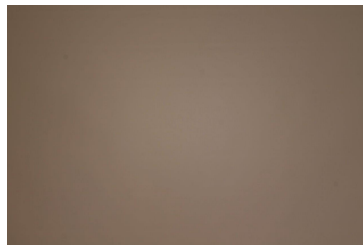
LED Duris S8
 FWHM / FWTM 102.0° / 118.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

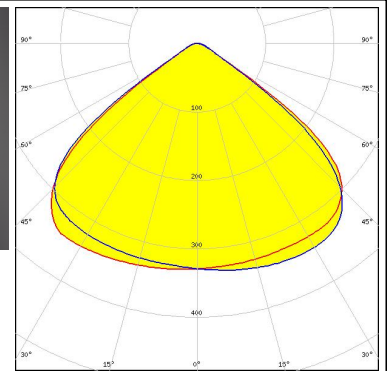
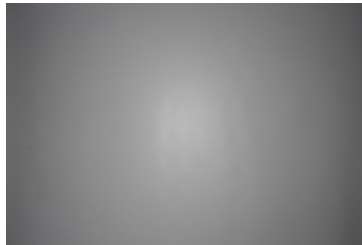
LED Duris S8
 FWHM / FWTM 102.0° / 117.0 + 120.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



PHOTOMETRIC DATA (MEASURED):

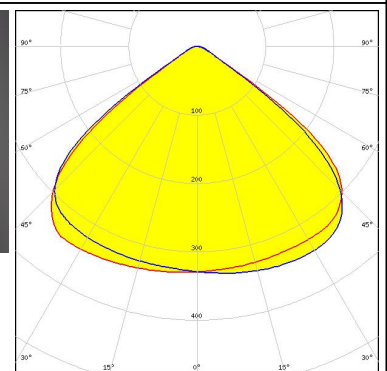
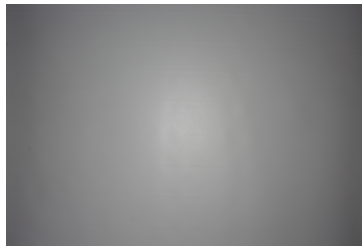
SAMSUNG

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

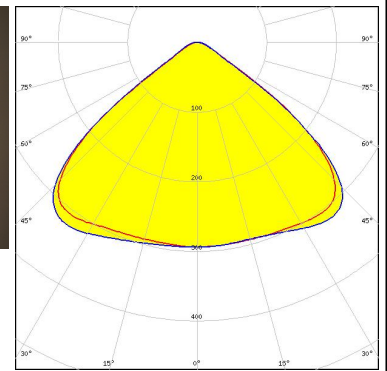
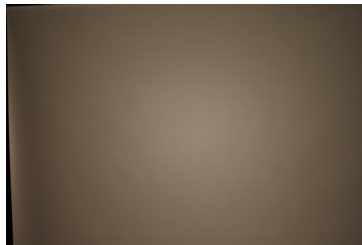


SAMSUNG

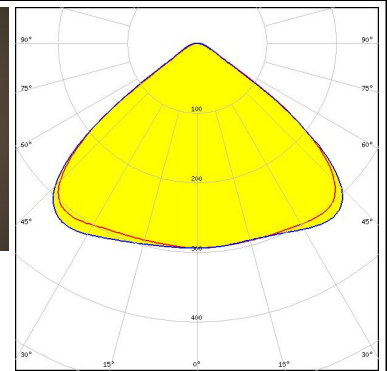
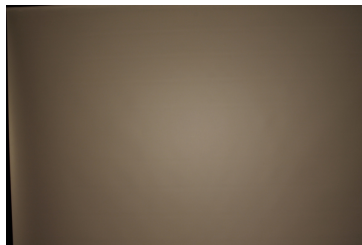
LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 106.0° / 121.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 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




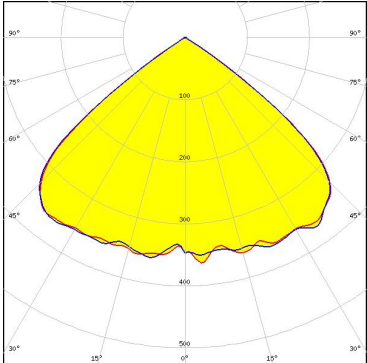

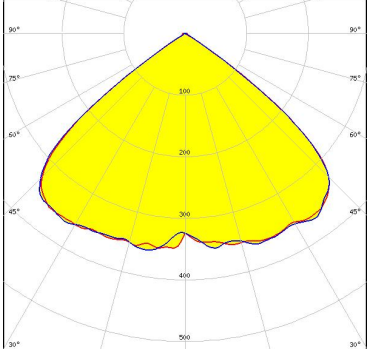

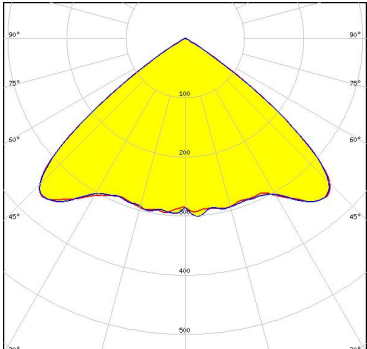

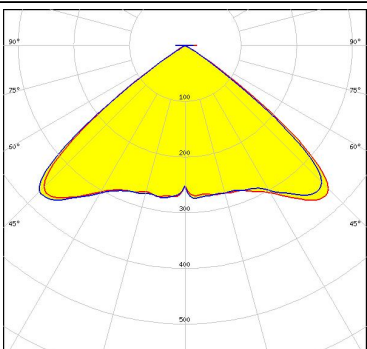
SEOUL SEMICONDUCTOR
 LED MJT COB LES 6
 FWHM / FWTM 111.0° / 130.0°
 Efficiency 91 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

<p> SEOL 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/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14436_JENNY-HLD-A-BLK</p>		
<p> SEOL 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/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

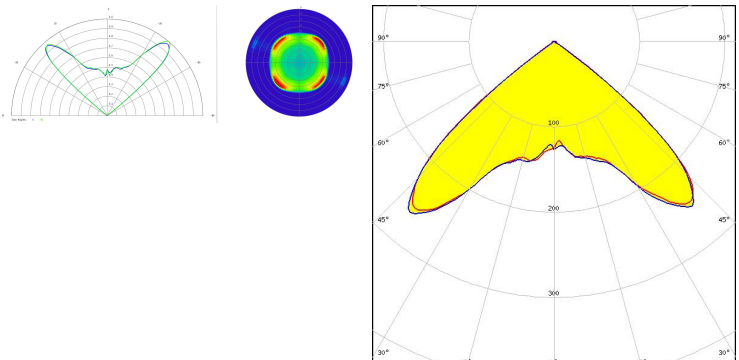
<p> LED V10 Gen7 FWHM / FWTM 95.0 + 102.0° / 105.0 + 112.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: C14436_JENNY-HLD-A-BLK</p>	
<p> LED V10 Gen7 FWHM / FWTM 95.0 + 102.0° / 105.0 + 112.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> 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:</p>	
<p> 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:</p>	

PHOTOMETRIC DATA (SIMULATED):

LUMINUS

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 ± 10 %



NICHIA

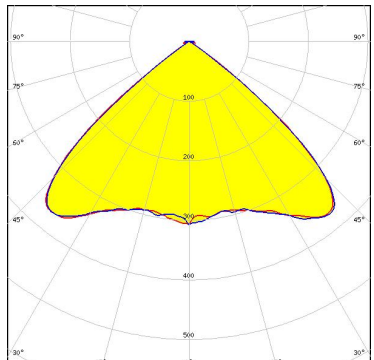
LED	NCSU334A
FWHM / FWTM	96.0° / 105.0°
Efficiency	71 %
LEDs/each optic	1
Light colour	UV-C
Required components:	

The UVC LED result tolerance is ± 10 %



NICHIA

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:	



OSRAM
Opto Semiconductors

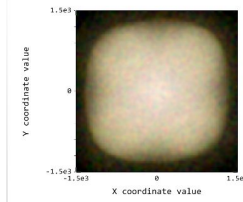
LED	OSCONIQ P 7070
FWHM / FWTM	100.0° / 107.0°
Efficiency	93 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	C14436_JENNY-HLD-A-BLK



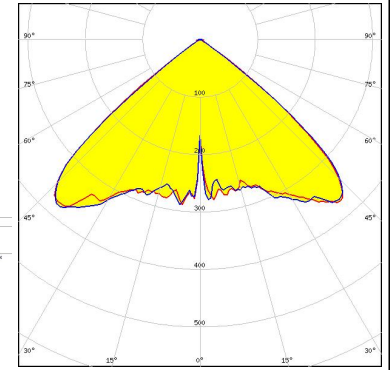
PHOTOMETRIC DATA (SIMULATED):

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:



OSRAM
 Detector: F14531_Surface_1
 Size: 1000x1000
 Peak Intensity: 0.600000 cd/m²
 Total Flux: 0.288000 lm
 F14531_JENNY-CY_0825_P50.dms
 Configuration: 10° x 0°



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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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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