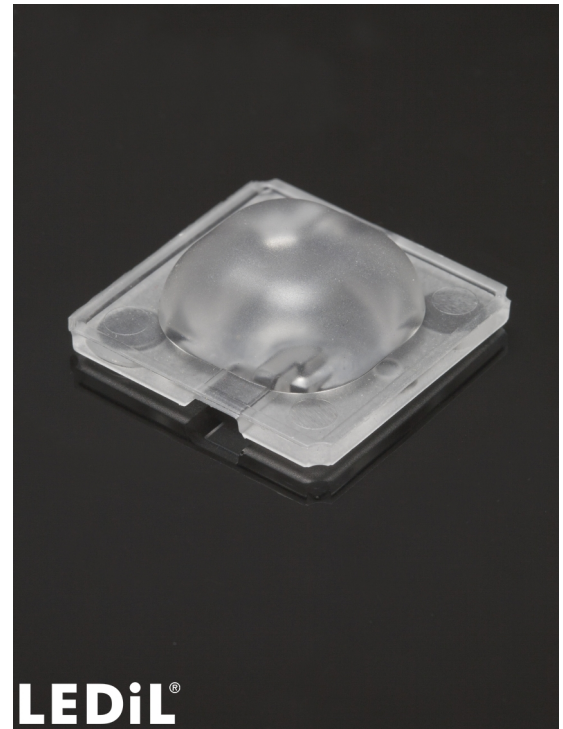


JENNY-CY

~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 ⓘ

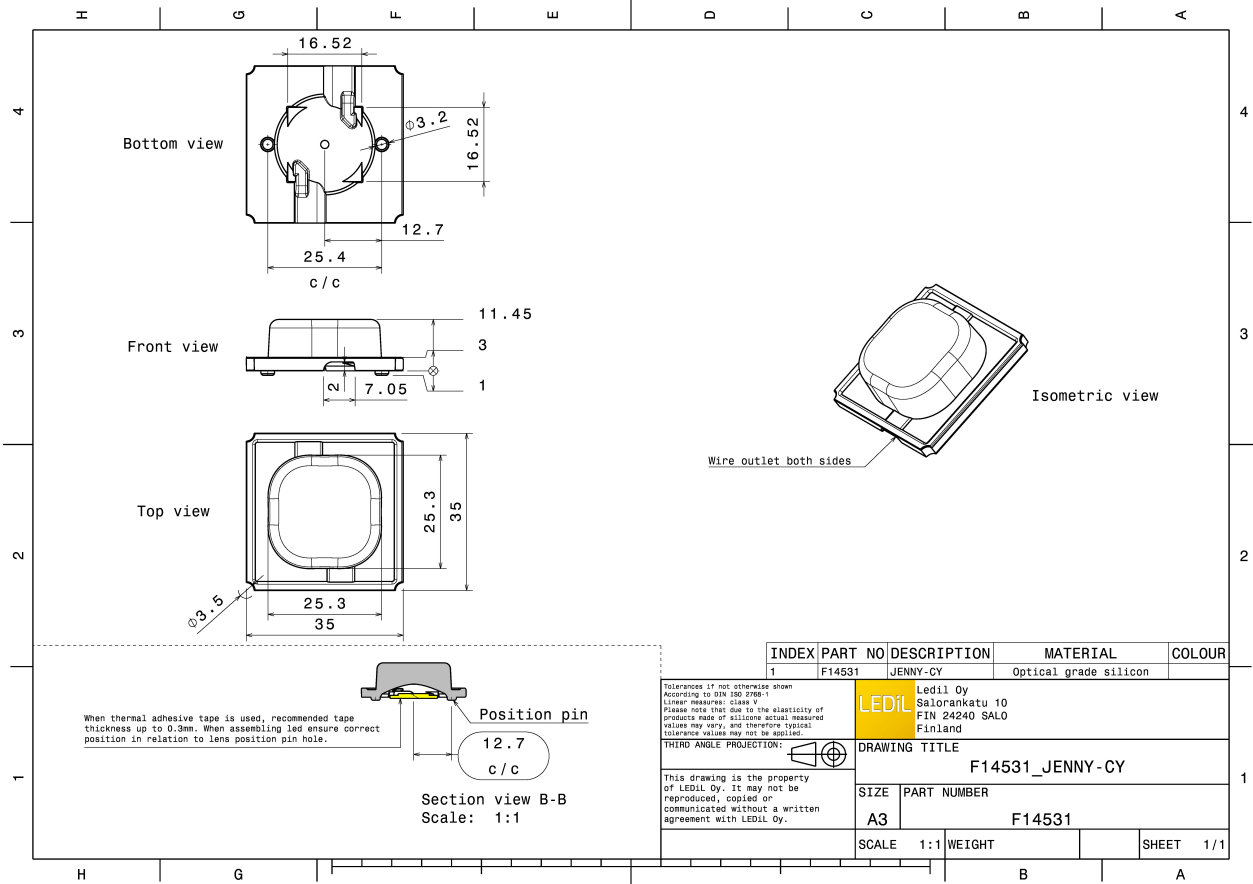


MATERIAL SPECIFICATIONS:

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


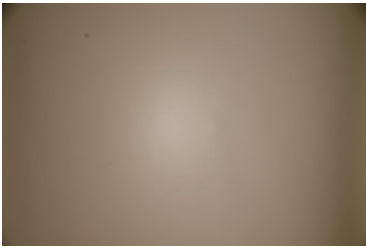
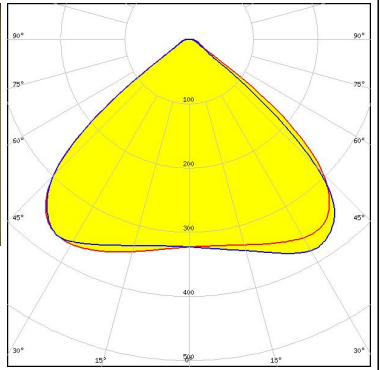

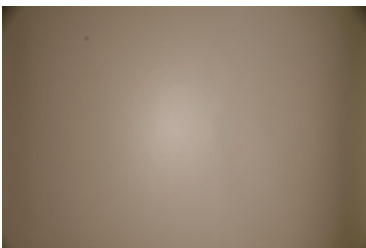
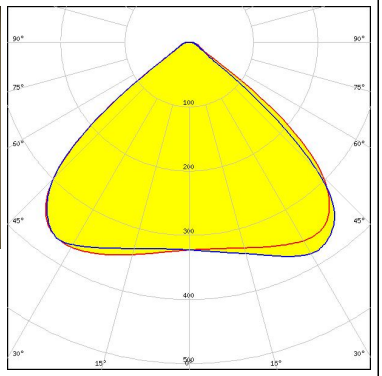

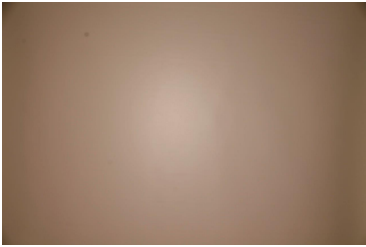
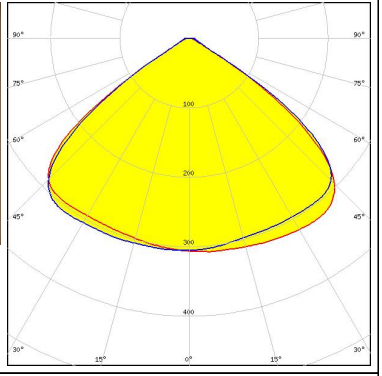

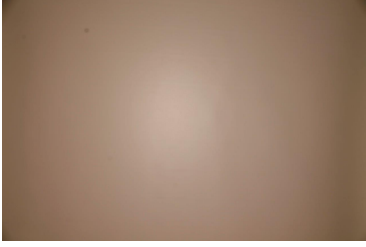
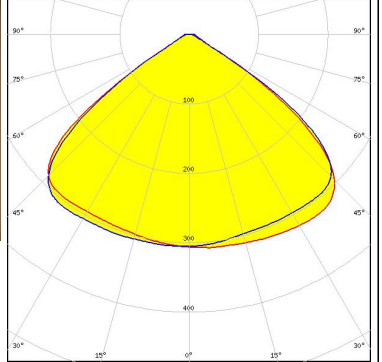
ORDERING INFORMATION:

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


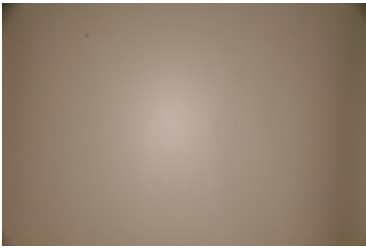
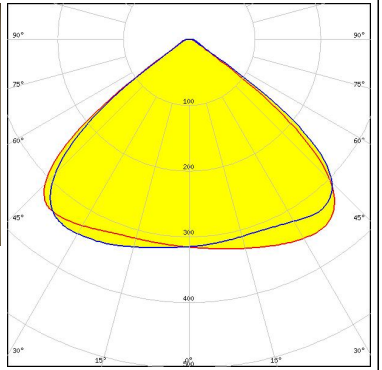

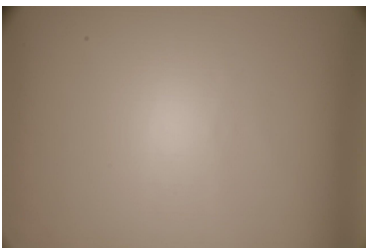
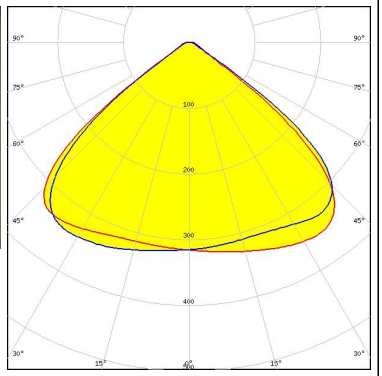
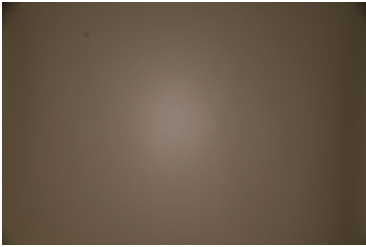
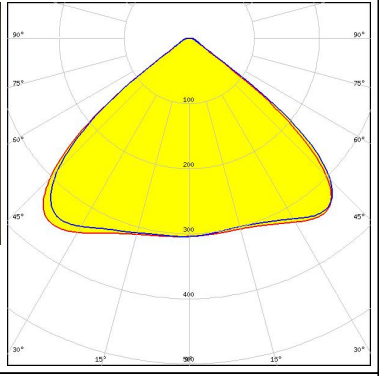
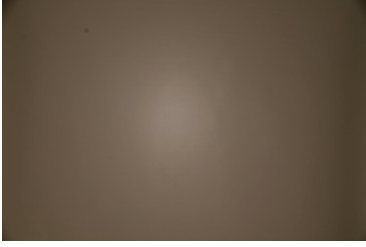
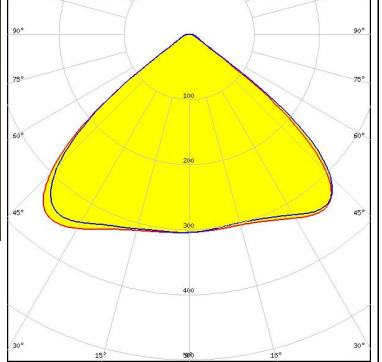


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

<p></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></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></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>		
<p></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>		

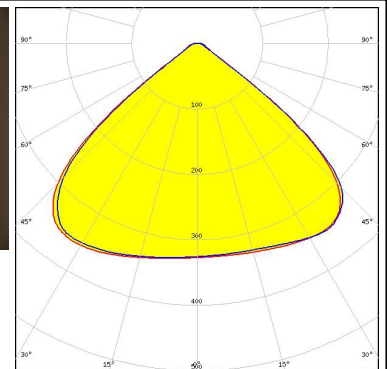
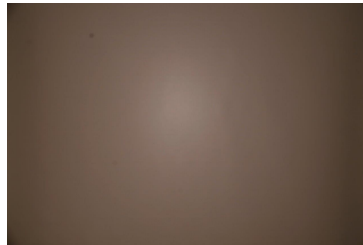
PHOTOMETRIC DATA (MEASURED):

<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></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>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):

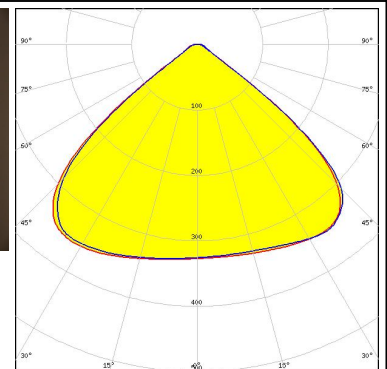
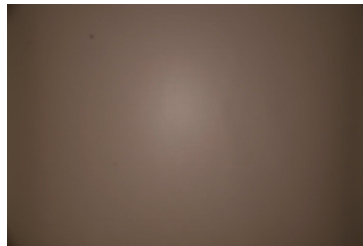
CITIZEN

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



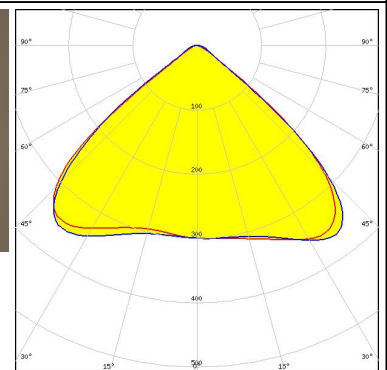
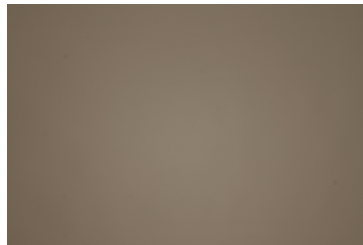
CITIZEN

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:



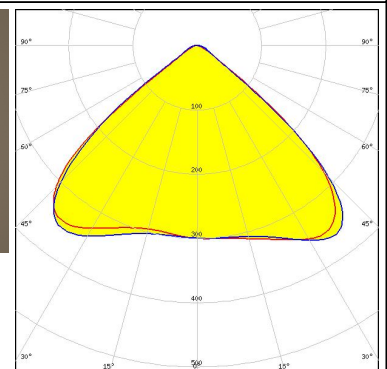
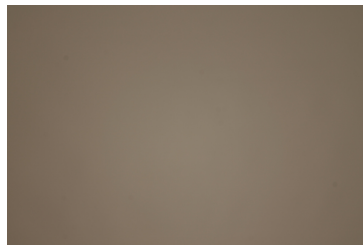
CITIZEN

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:
 C14436_JENNY-HLD-A-BLK



CITIZEN

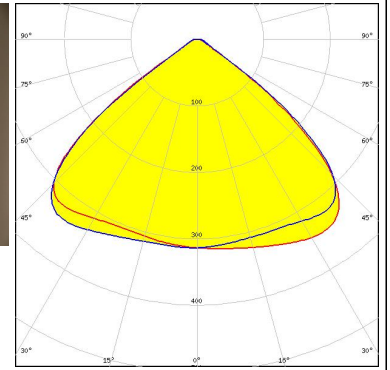
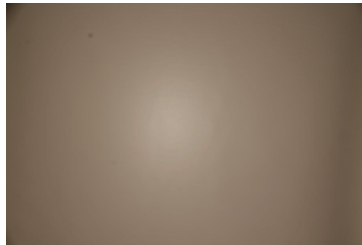
LED CLU700/701/702
 FWHM / FWTM 102.0° / 116.0 + 118.0°
 Efficiency 93 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



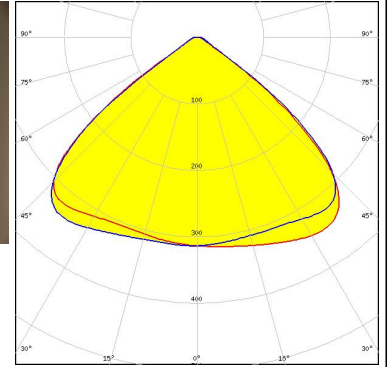
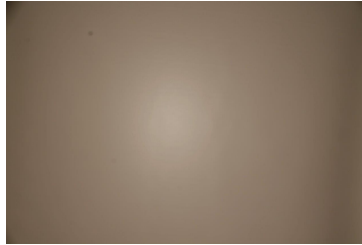
PHOTOMETRIC DATA (MEASURED):



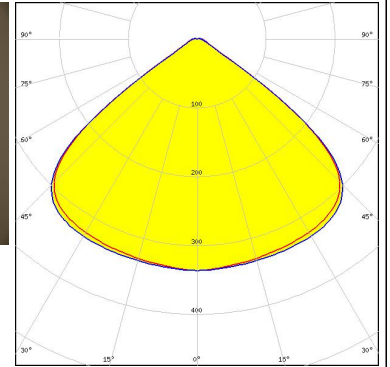
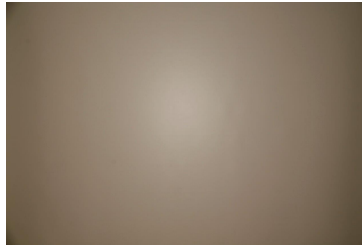
LED CXA/B 13xx
 FWHM / FWTM 105.0° / 119.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



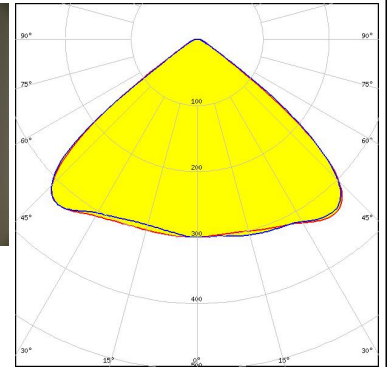
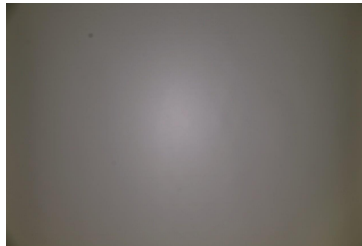
LED CXA/B 13xx
 FWHM / FWTM 105.0° / 119.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



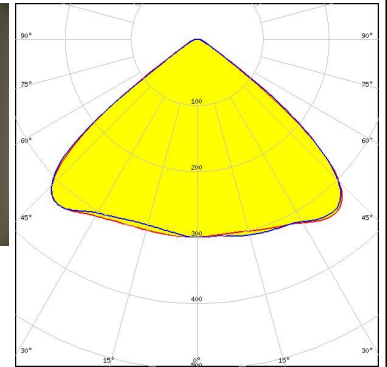
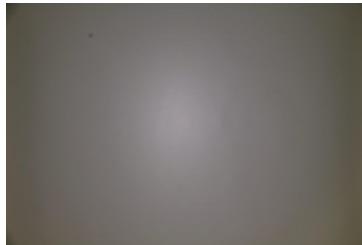
LED MK-R
 FWHM / FWTM 105.0° / 121.0°
 Efficiency 92 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



PHOTOMETRIC DATA (MEASURED):

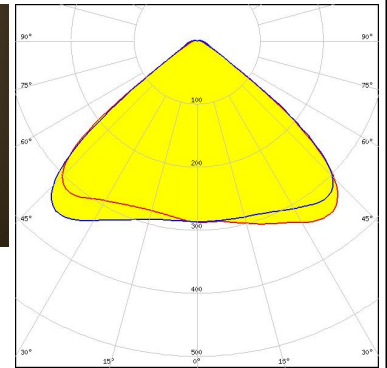
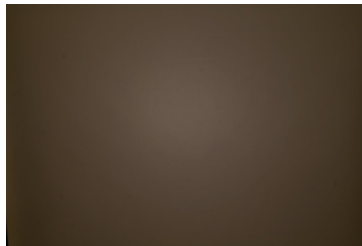
CREE LED

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:



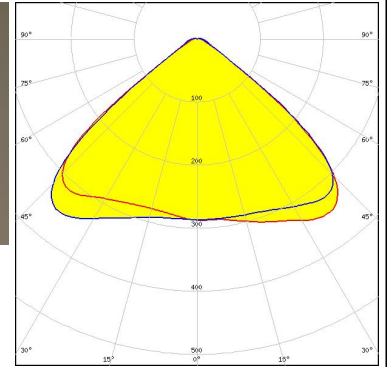
CREE LED

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



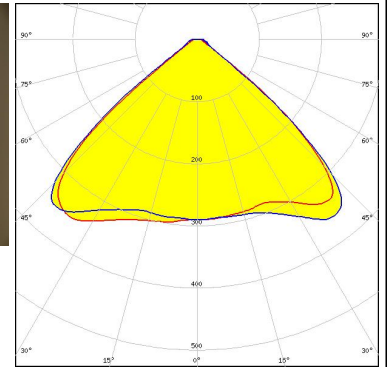
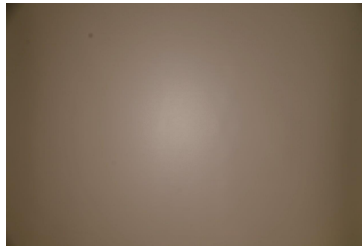
CREE LED

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:

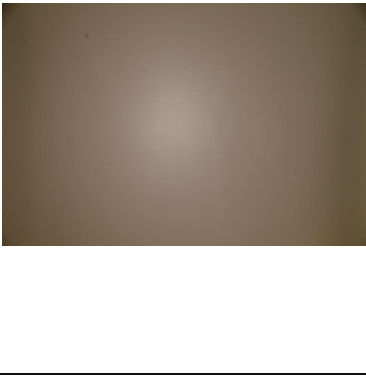
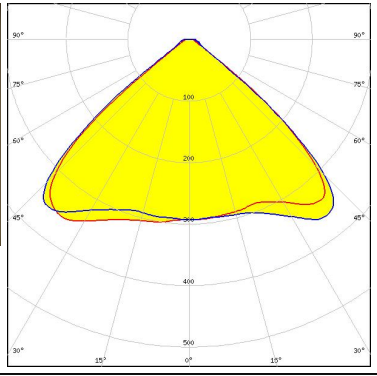
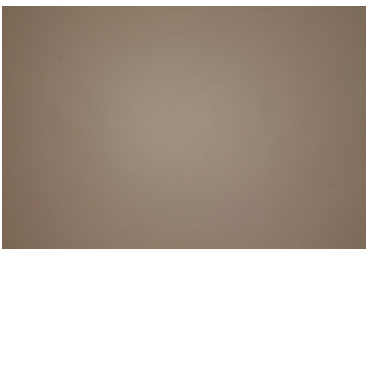
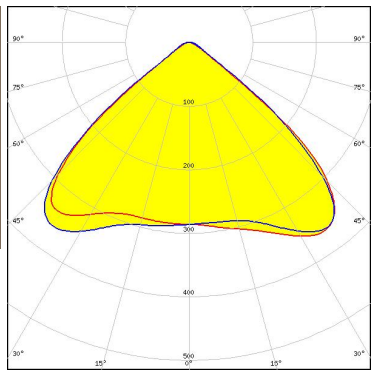
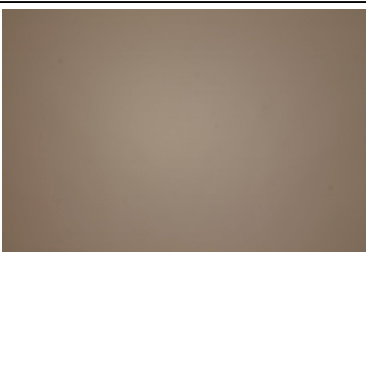
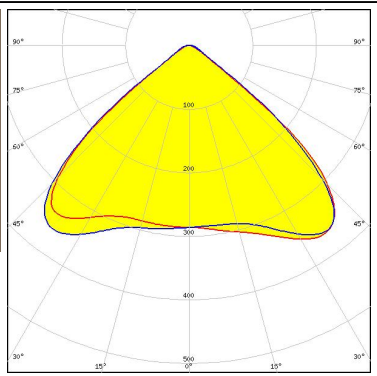
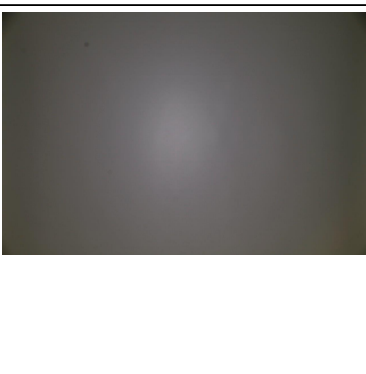
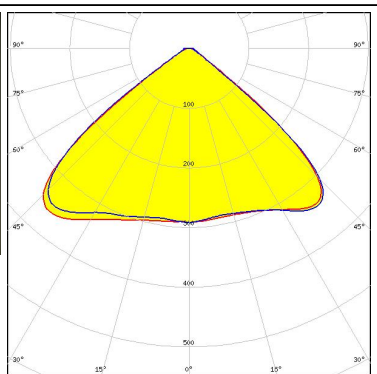


CREE LED

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:



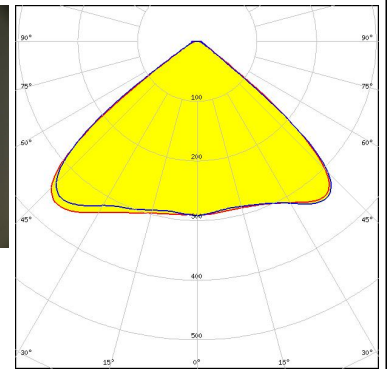
PHOTOMETRIC DATA (MEASURED):

<p>CREE LED</p> <p>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</p>		
<p>LUMILEDS</p> <p>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</p>		
<p>LUMILEDS</p> <p>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:</p>		
<p>LUMILEDS</p> <p>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:</p>		

PHOTOMETRIC DATA (MEASURED):

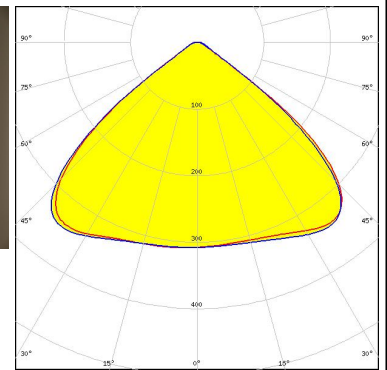
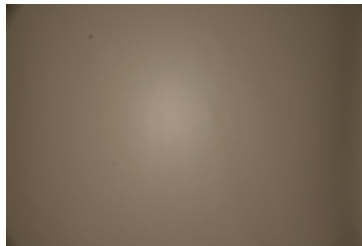
LUMILEDS

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



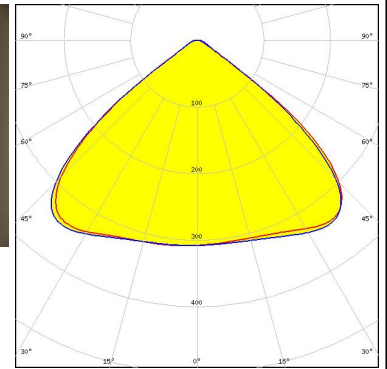
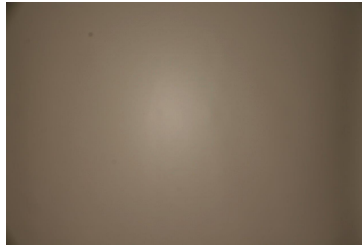
NICHIA

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:



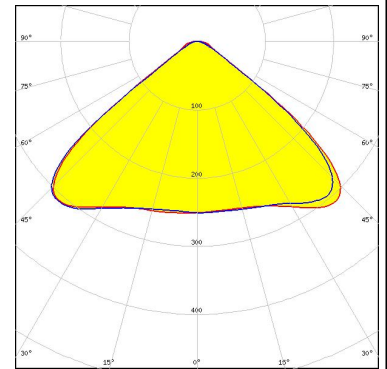
NICHIA

LED 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 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

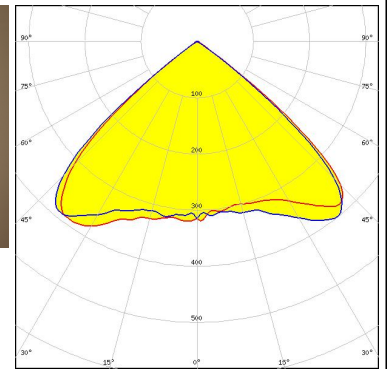
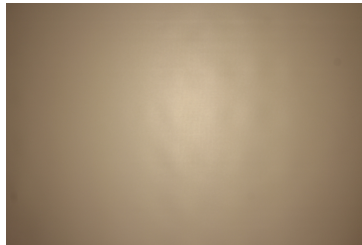


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

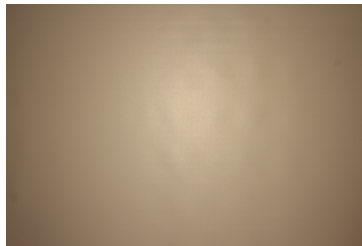
LED Duris S10
 FWHM / FWTM 108.0° / 124.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



OSRAM

Opto Semiconductors

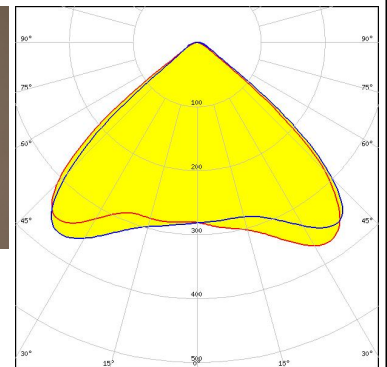
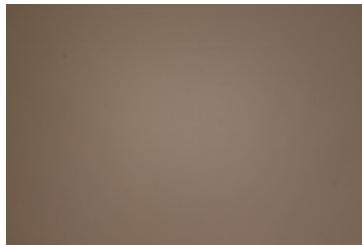
LED Duris S10
 FWHM / FWTM 108.0° / 124.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

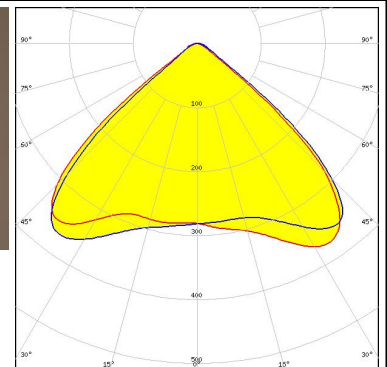
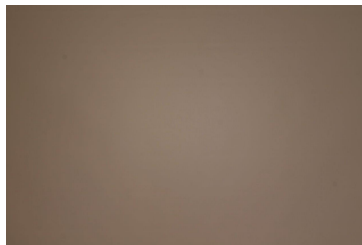
LED Duris S8
 FWHM / FWTM 102.0° / 117.0 + 120.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



OSRAM

Opto Semiconductors

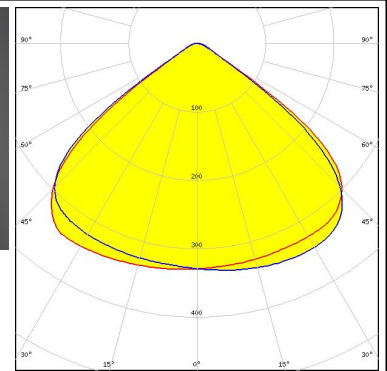
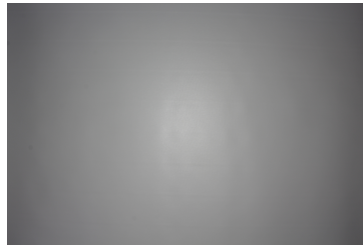
LED Duris S8
 FWHM / FWTM 102.0° / 118.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

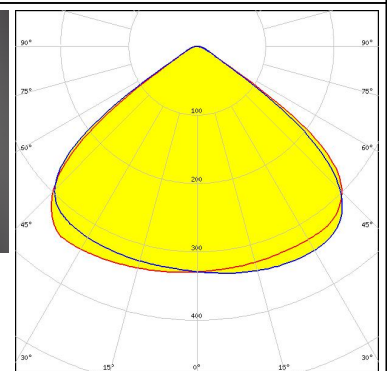
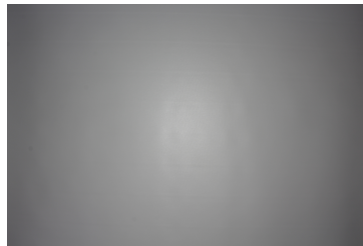
SAMSUNG

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

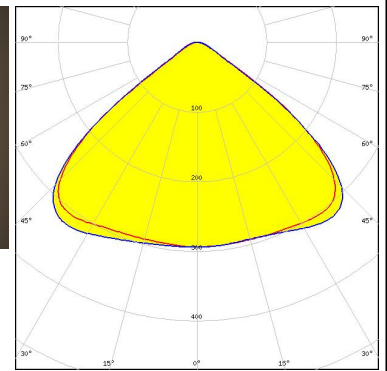
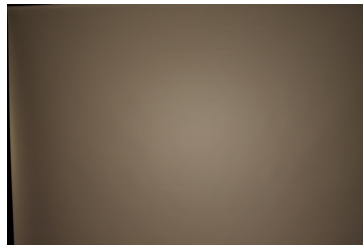


SAMSUNG

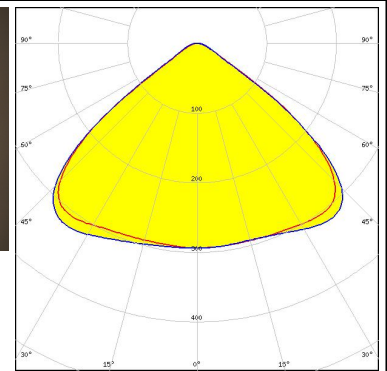
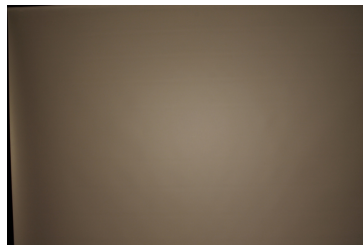
LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 106.0° / 121.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



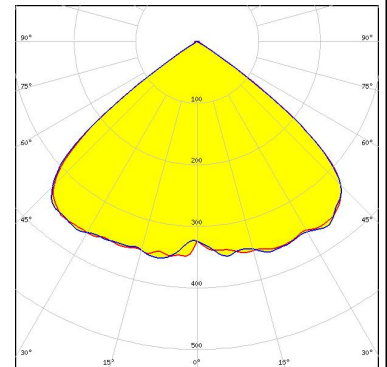
PHOTOMETRIC DATA (MEASURED):

<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/lm</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/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

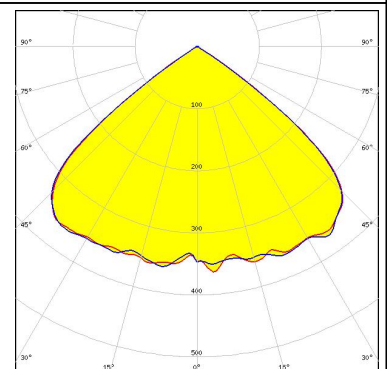
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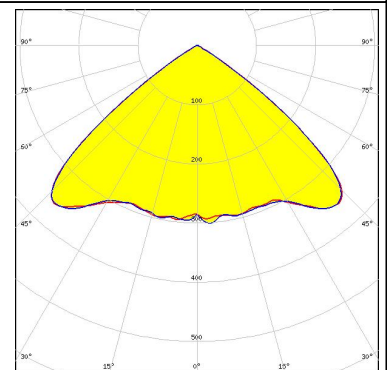
LED V10 Gen7
FWHM / FWTM 95.0 + 102.0° / 105.0 + 112.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



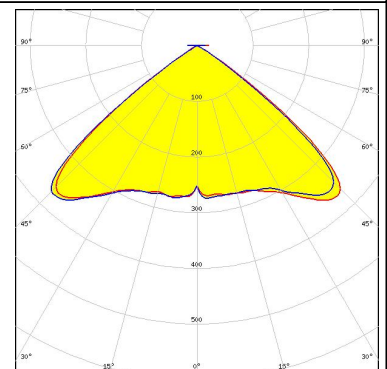
LED V10 Gen7
FWHM / FWTM 95.0 + 102.0° / 105.0 + 112.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C14436_JENNY-HLD-A-BLK



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:



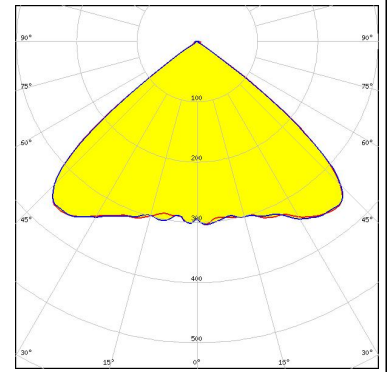
LED XHP50.2
FWHM / FWTM 104.0° / 114.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

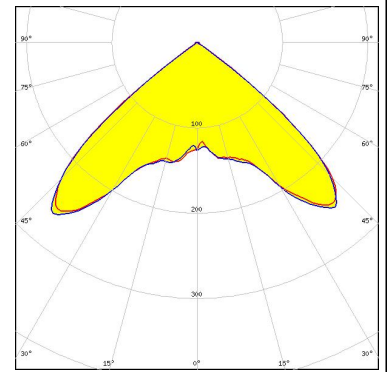
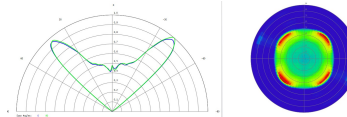
LUMILEDS

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:



LUMINUS

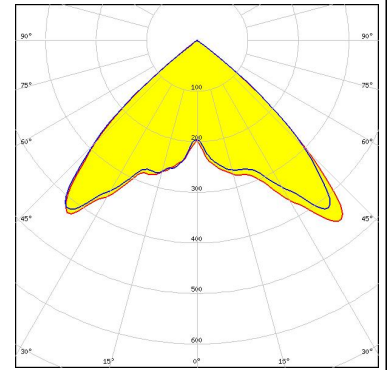
LED XFM-5050 4 Die
 FWHM / FWTM 98.0° / 103.0°
 Efficiency 66 %
 LEDs/each optic 1
 Light colour UV-C
 Required components:



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

NICHIA

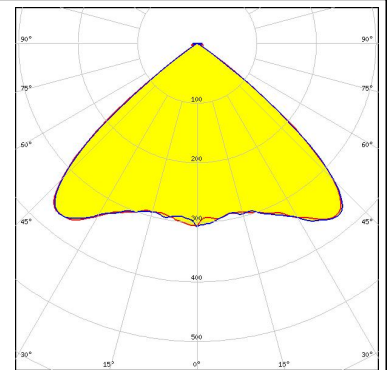
LED NCSU334A
 FWHM / FWTM 96.0° / 105.0°
 Efficiency 71 %
 LEDs/each optic 1
 Light colour UV-C
 Required components:



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

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:

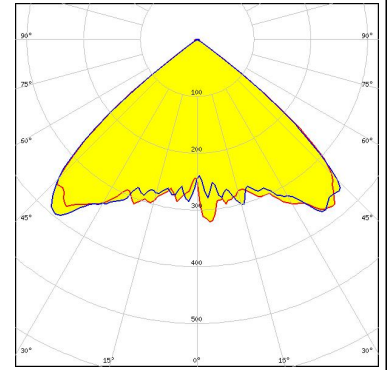


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

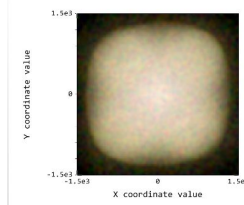
LED OSCONIQ P 7070
FWHM / FWTM 100.0° / 107.0°
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14436_JENNY-HLD-A-BLK



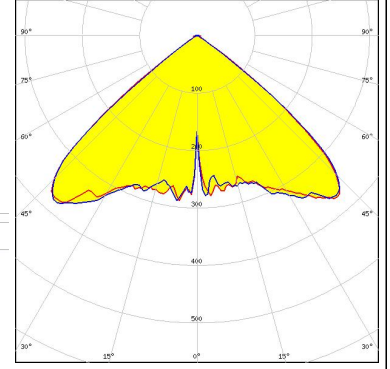
OSRAM

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:



24.6.2014
OSRAM - 1000 Surface 1
2200 2200 2200 2200 2200 2200 2200 2200 2200 2200
Peak Value: 0.000000 Units: 1
FILE: C:\OSRAM\LED\DATA\14531_C14436_JENNY-HLD-A-BLK.dms
Configuration 1 of 3



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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