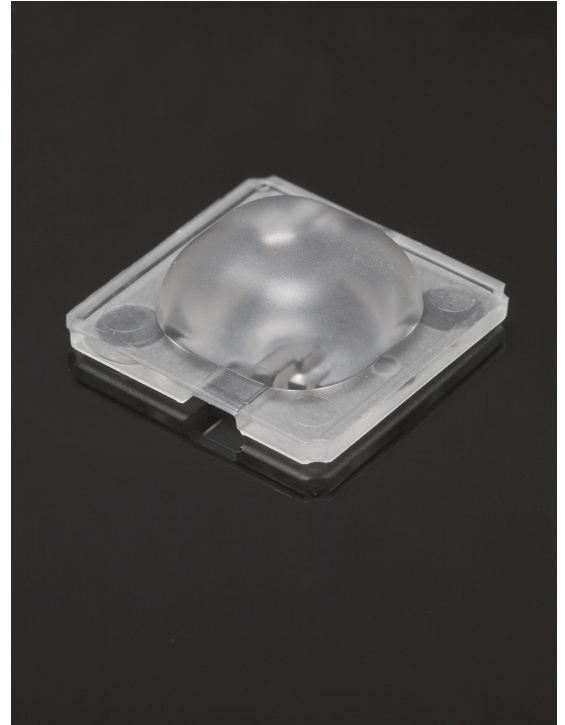


JENNY-CY

~105° 105° batwing light distribution for
canopy and symmetrical tunnel lighting

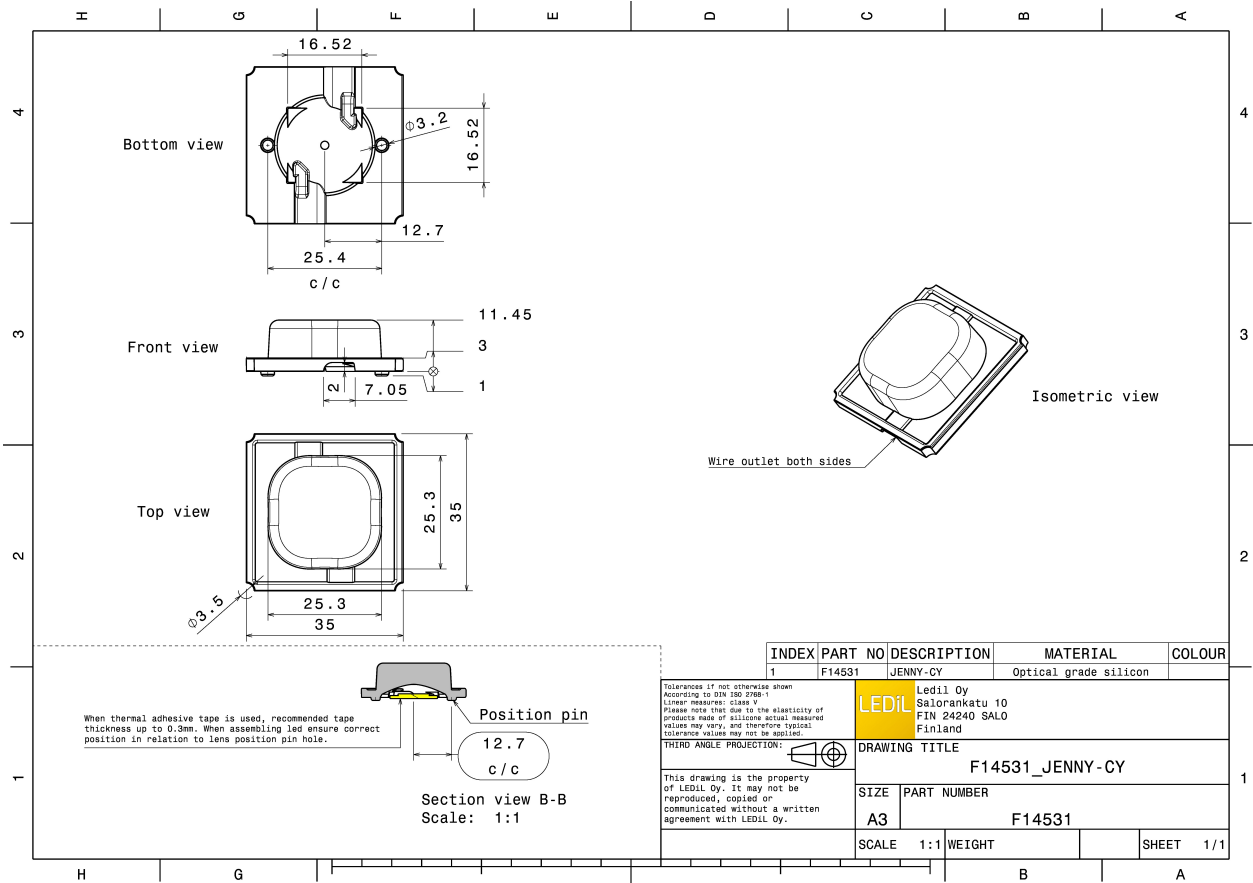
TECHNICAL SPECIFICATIONS:

Dimensions	35 + 35 mm
Height	11.5 mm
Fastening	tape
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10.3 kg
Quantity in Box	1440 pcs
ROHS compliant	yes ⓘ

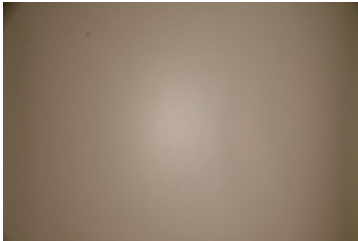
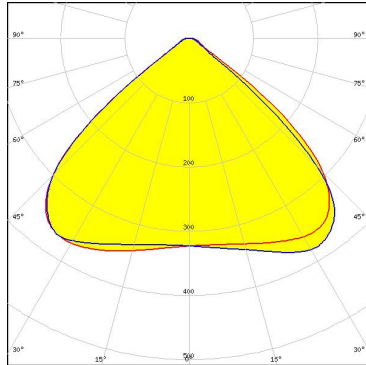
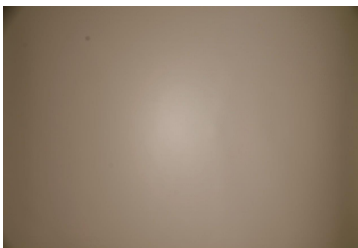
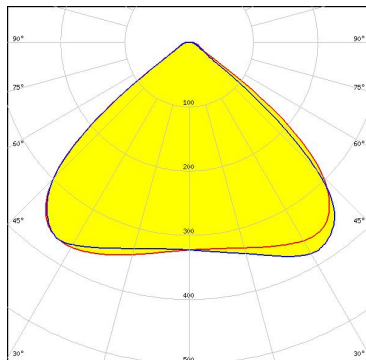
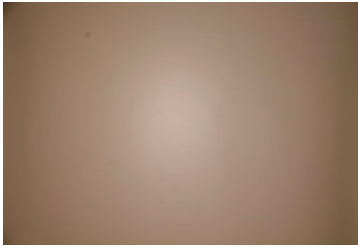
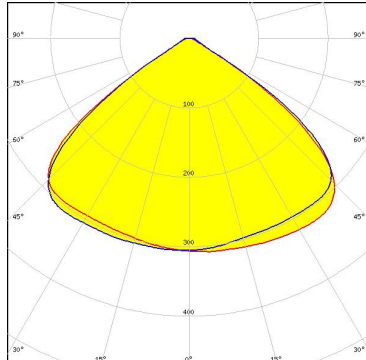
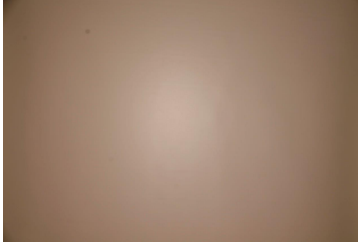
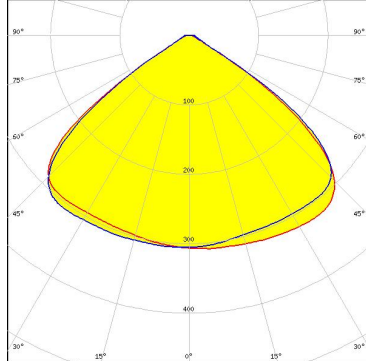


MATERIAL SPECIFICATIONS:

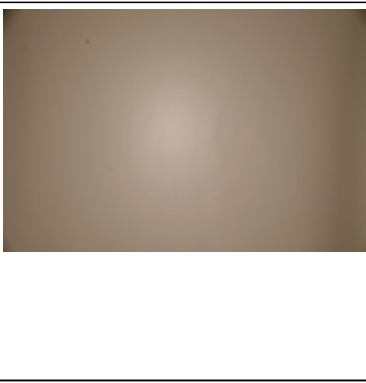
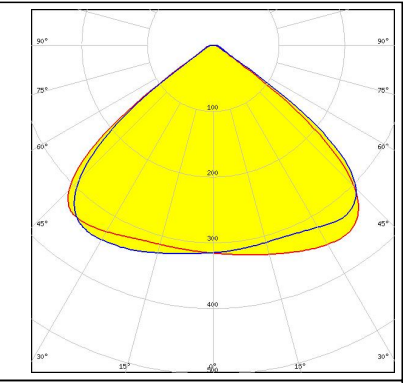
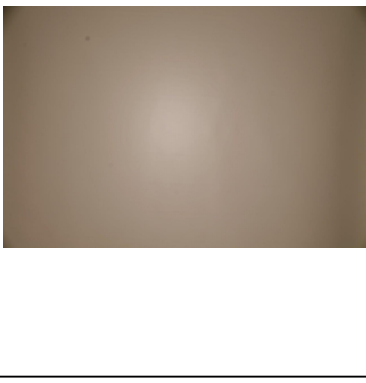
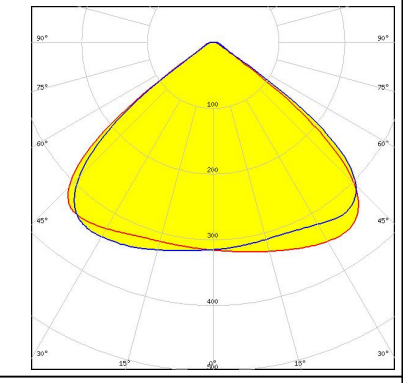
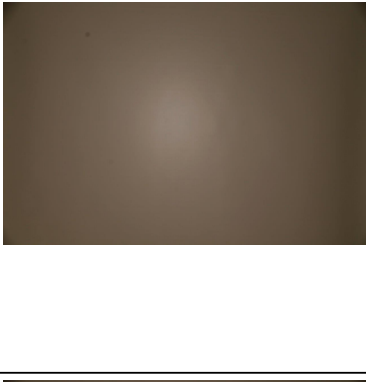
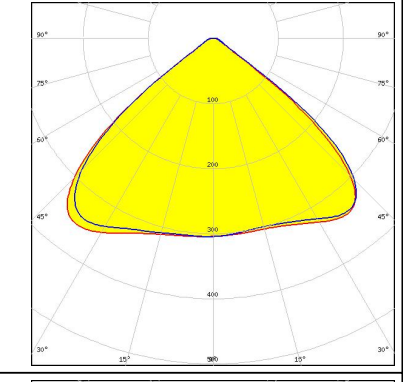

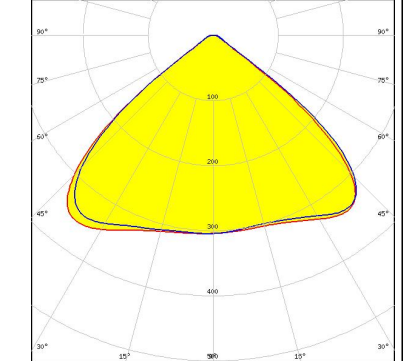
Component	Type	Material	Colour
JENNY-CY	Lens	Silicone	clear



PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V10 Gen6 FWHM 103.0 + 101.0° Efficiency 94 % Peak intensity 0.430 cd/lm Required components: C14436_JENNY-HLD-A-BLK</p>		
<p>bridgelux.</p> <p>LED V10 Gen6 FWHM 102.0° Efficiency 94 % Peak intensity 0.430 cd/lm Required components:</p>		
<p>bridgelux.</p> <p>LED V6 Gen6 FWHM 110.0° Efficiency 94 % Peak intensity 0.350 cd/lm Required components:</p>		
<p>bridgelux.</p> <p>LED V6 Gen6 FWHM 110.0° Efficiency 94 % Peak intensity 0.350 cd/lm Required components: C14436_JENNY-HLD-A-BLK</p>		

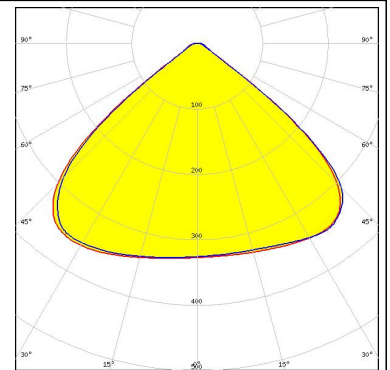
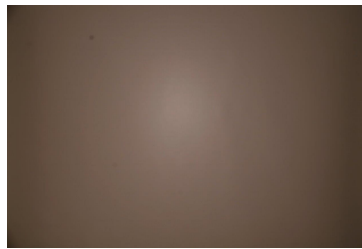
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V8 Gen6</p> <p>FWHM 105.0 + 106.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.400 cd/lm</p> <p>Required components: C14436_JENNY-HLD-A-BLK</p>		
<p>bridgelux.</p> <p>LED V8 Gen6</p> <p>FWHM 105.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.400 cd/lm</p> <p>Required components:</p>		
<p>CITIZEN</p> <p>LED CLL01x</p> <p>FWHM 104.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.440 cd/lm</p> <p>Required components:</p>		
<p>CITIZEN</p> <p>LED CLL01x</p> <p>FWHM 104.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.443 cd/lm</p> <p>Required components: C14436_JENNY-HLD-A-BLK</p>		

PHOTOMETRIC DATA (MEASURED):

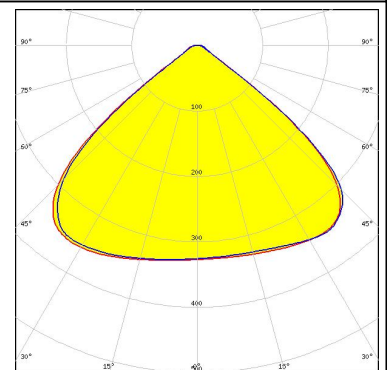
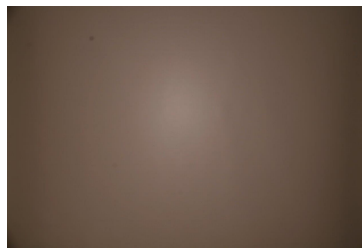
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 103.0°
Efficiency 93 %
Peak intensity 0.400 cd/lm
Required components:
C14436_JENNY-HLD-A-BLK



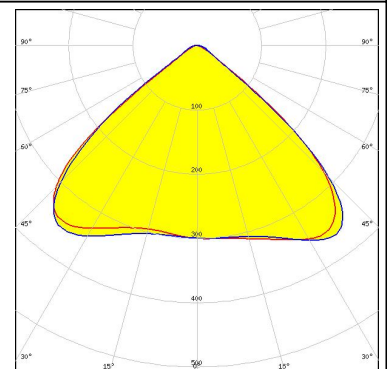
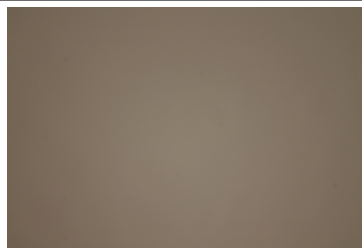
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 103.0°
Efficiency 93 %
Peak intensity 0.400 cd/lm
Required components:



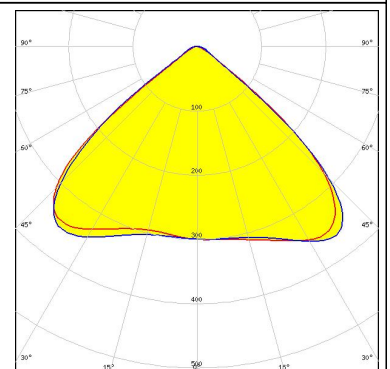
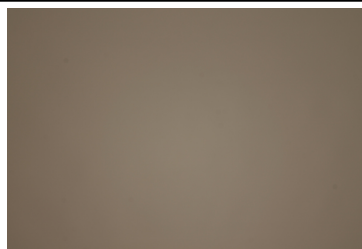
CITIZEN

LED CLU700/701
FWHM 102.0°
Efficiency 93 %
Peak intensity 0.470 cd/lm
Required components:



CITIZEN

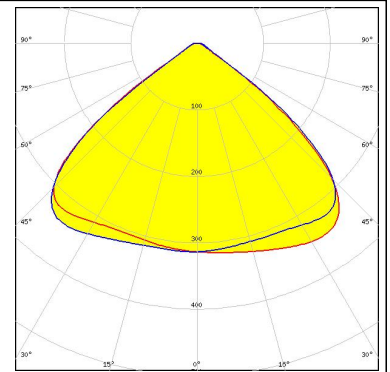
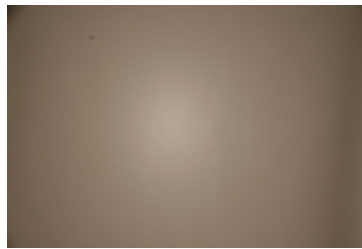
LED CLU700/701
FWHM 102.0°
Efficiency 93 %
Peak intensity 0.470 cd/lm
Required components:
C14436_JENNY-HLD-A-BLK



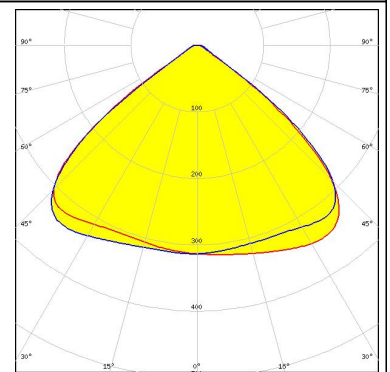
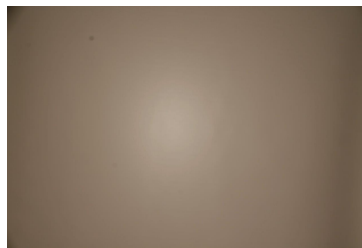
PHOTOMETRIC DATA (MEASURED):



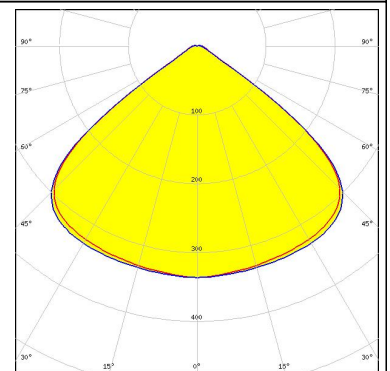
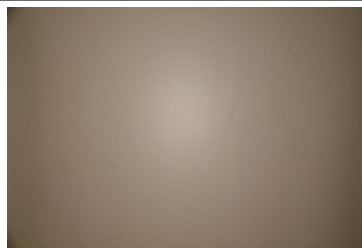
LED CXA/B 13xx
 FWHM 105.0°
 Efficiency 94 %
 Peak intensity 0.410 cd/lm
 Required components:



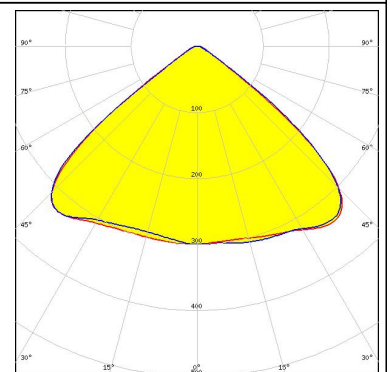
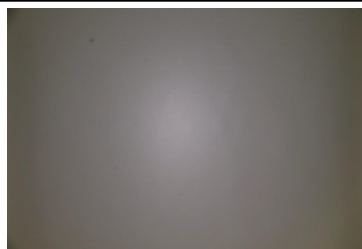
LED CXA/B 13xx
 FWHM 105.0°
 Efficiency 94 %
 Peak intensity 0.410 cd/lm
 Required components:
 C14436_JENNY-HLD-A-BLK



LED CXA/B 15xx
 FWHM 106.0°
 Efficiency 94 %
 Peak intensity 0.380 cd/lm
 Required components:



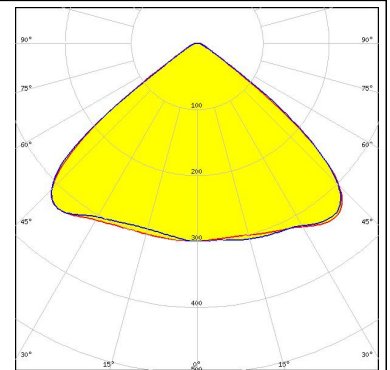
LED MK-R
 FWHM 105.0°
 Efficiency 92 %
 Peak intensity 0.420 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

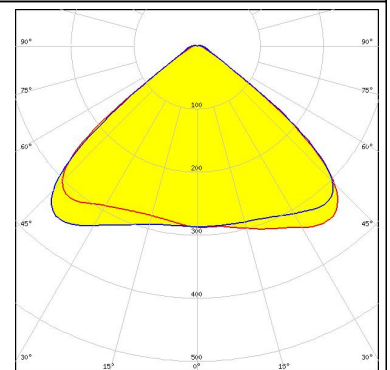
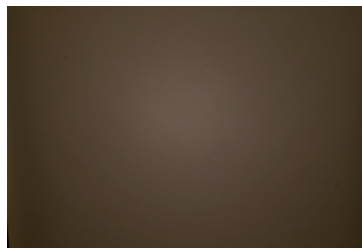
CREE 

LED MK-R
 FWHM 105.0°
 Efficiency 92 %
 Peak intensity 0.420 cd/lm
 Required components:
 C14436_JENNY-HLD-A-BLK



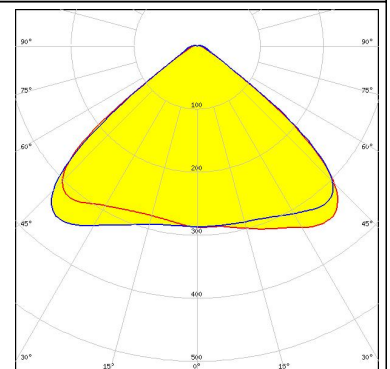
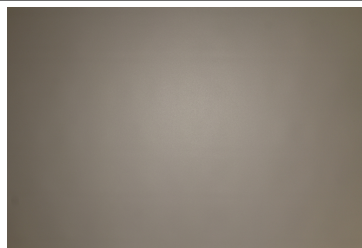
CREE 

LED XHP50
 FWHM 105.0°
 Efficiency 94 %
 Peak intensity 0.420 cd/lm
 Required components:
 C14436_JENNY-HLD-A-BLK



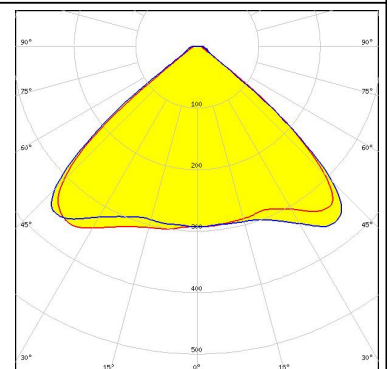
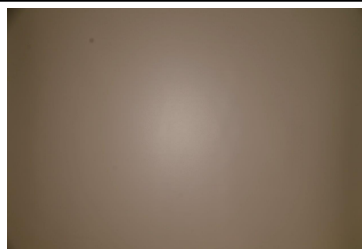
CREE 

LED XHP50
 FWHM 105.0°
 Efficiency 94 %
 Peak intensity 0.420 cd/lm
 Required components:



CREE 

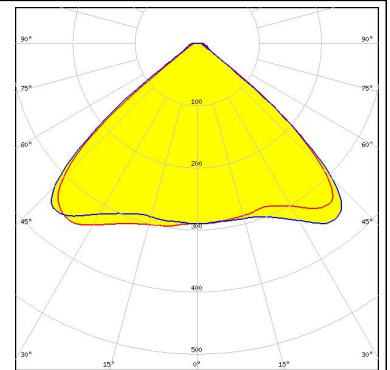
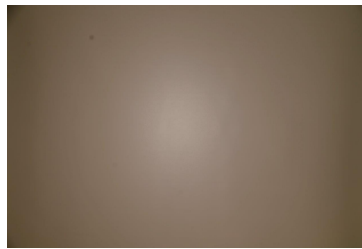
LED XM-L EZW
 FWHM 102.0 + 103.0°
 Efficiency 94 %
 Peak intensity 0.460 cd/lm
 Required components:
 C14436_JENNY-HLD-A-BLK



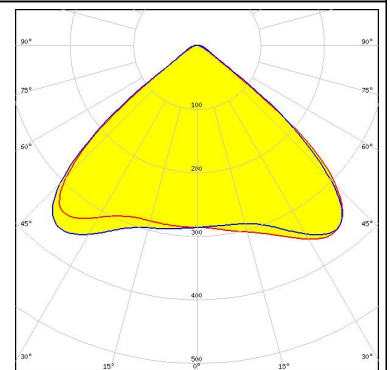
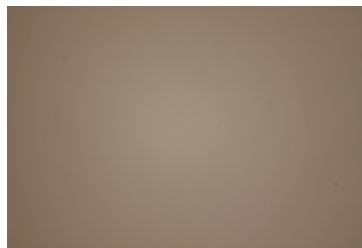
PHOTOMETRIC DATA (MEASURED):



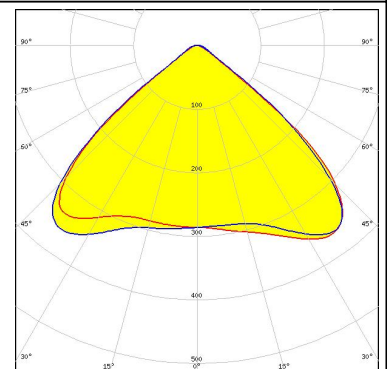
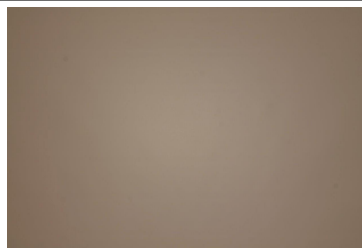
LED XM-L EZW
 FWHM 103.0°
 Efficiency 94 %
 Peak intensity 0.460 cd/lm
 Required components:



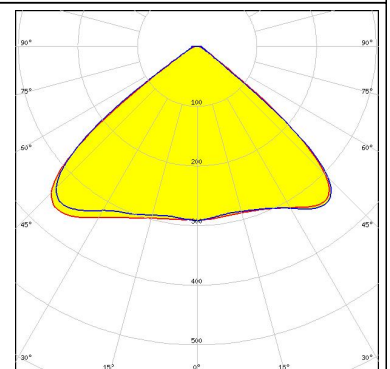
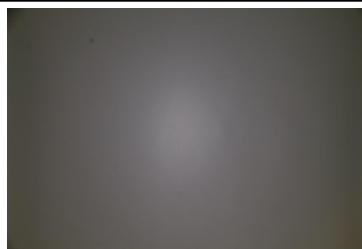
LED LUXEON 5258
 FWHM 103.0°
 Efficiency 94 %
 Peak intensity 0.490 cd/lm
 Required components:




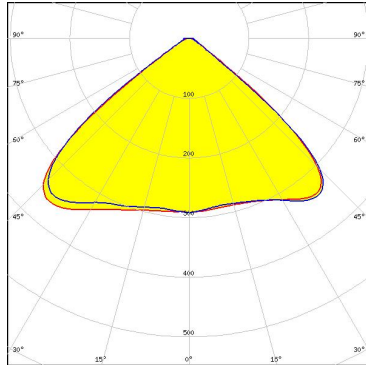
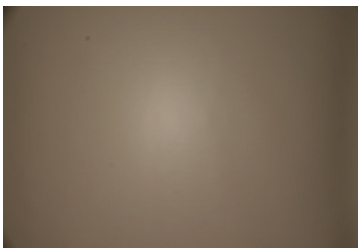
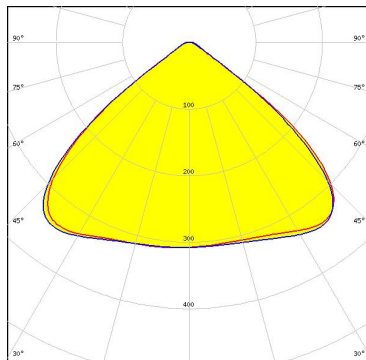
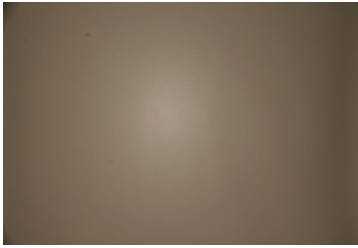
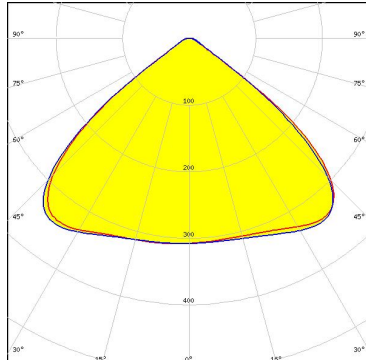

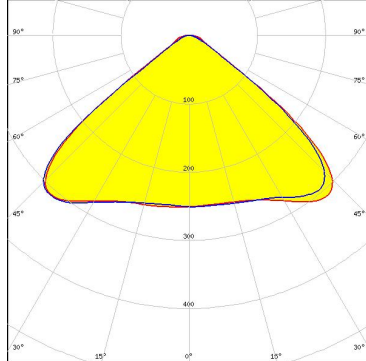
LED LUXEON 5258
 FWHM 103.0 + 104.0°
 Efficiency 94 %
 Peak intensity 0.490 cd/lm
 Required components:
 C14436_JENNY-HLD-A-BLK



LED LUXEON M/MX
 FWHM 105.0°
 Efficiency 94 %
 Peak intensity 0.450 cd/lm
 Required components:
 C14436_JENNY-HLD-A-BLK



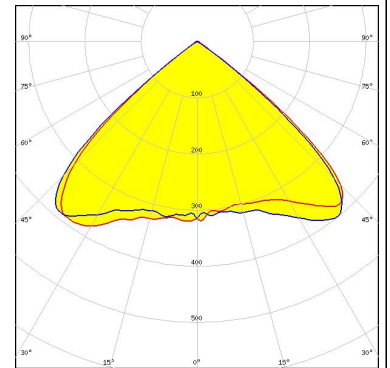
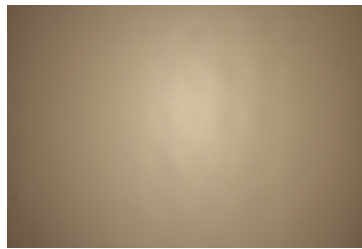
PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON M/MX</p> <p>FWHM 104.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.450 cd/lm</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NSMx286M</p> <p>FWHM 105.0 + 104.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.410 cd/lm</p> <p>Required components: C14436_JENNY-HLD-A-BLK</p>		
<p>NICHIA</p> <p>LED NSMx286M</p> <p>FWHM 105.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.410 cd/lm</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NV4x144A</p> <p>FWHM 107.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.460 cd/lm</p> <p>Required components: C14436_JENNY-HLD-A-BLK</p>		

PHOTOMETRIC DATA (MEASURED):

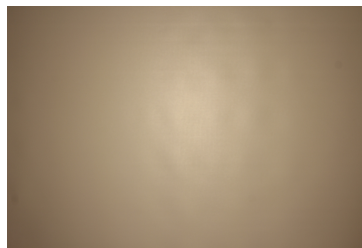
OSRAM
Opto Semiconductors

LED Duris S10
FWHM 108.0°
Efficiency 94 %
Peak intensity 0.350 cd/lm
Required components:
C14436_JENNY-HLD-A-BLK



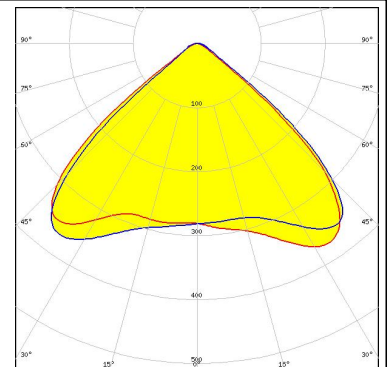
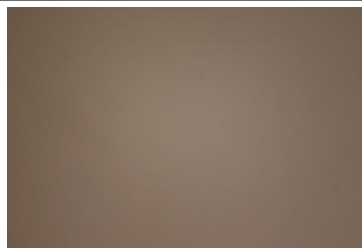
OSRAM
Opto Semiconductors

LED Duris S10
FWHM 108.0°
Efficiency 94 %
Peak intensity 0.350 cd/lm
Required components:



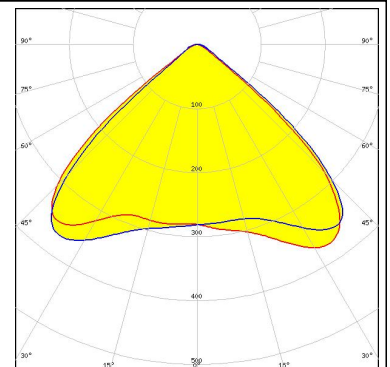
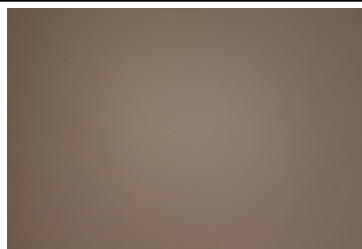
OSRAM
Opto Semiconductors

LED Duris S8
FWHM 102.0°
Efficiency 94 %
Peak intensity 0.520 cd/lm
Required components:
C14436_JENNY-HLD-A-BLK



OSRAM
Opto Semiconductors

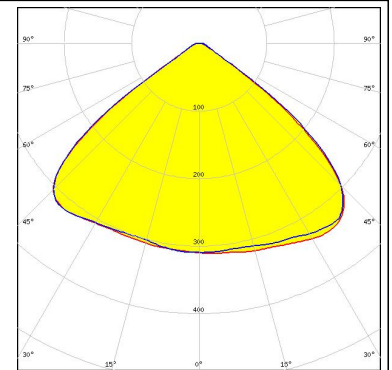
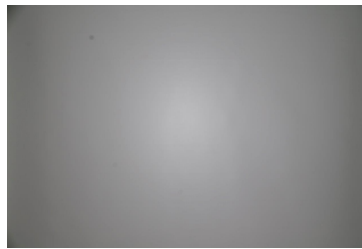
LED Duris S8
FWHM 102.0°
Efficiency 94 %
Peak intensity 0.520 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

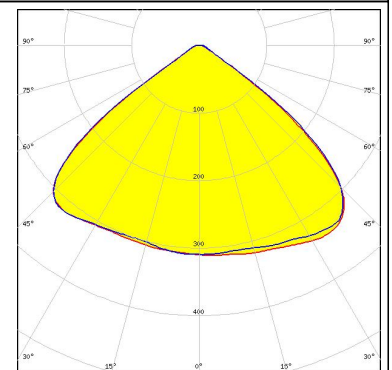
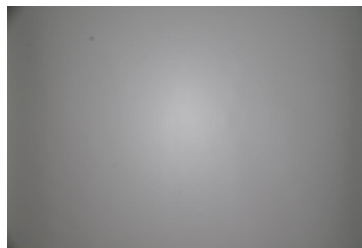
OSRAM
Opto Semiconductors

LED Soleriq P6
FWHM 107.0°
Efficiency 94 %
Peak intensity 0.400 cd/lm
Required components:



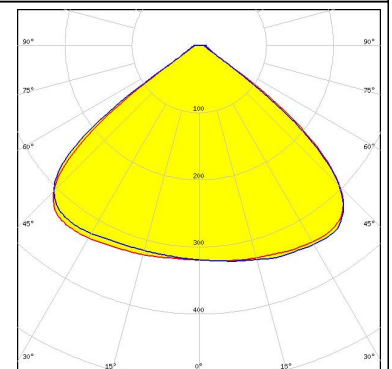
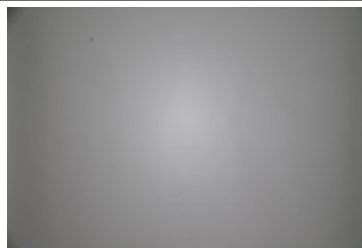
OSRAM
Opto Semiconductors

LED Soleriq P6
FWHM 106.0 + 107.0°
Efficiency 94 %
Peak intensity 0.400 cd/lm
Required components:
C14436_JENNY-HLD-A-BLK



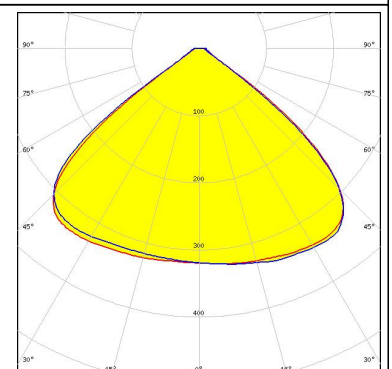
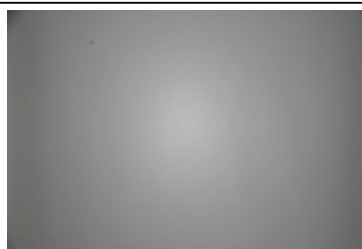
OSRAM
Opto Semiconductors

LED Soleriq P9
FWHM 106.0°
Efficiency 94 %
Peak intensity 0.390 cd/lm
Required components:
C14436_JENNY-HLD-A-BLK



OSRAM
Opto Semiconductors

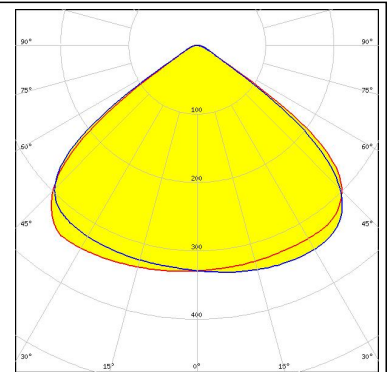
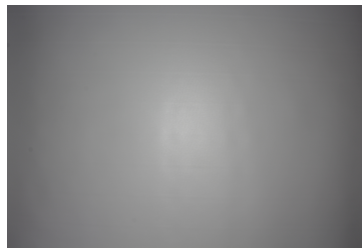
LED Soleriq P9
FWHM 106.0°
Efficiency 94 %
Peak intensity 0.390 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

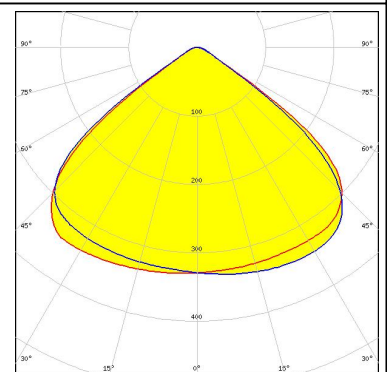
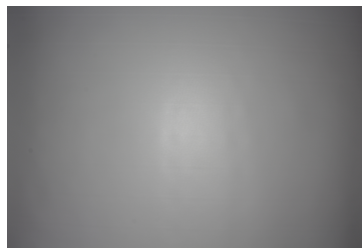
SAMSUNG

LED COB D Series LES 9.8 mm
 FWHM 106.0°
 Efficiency 94 %
 Peak intensity 0.370 cd/lm
 Required components:
 C14436_JENNY-HLD-A-BLK



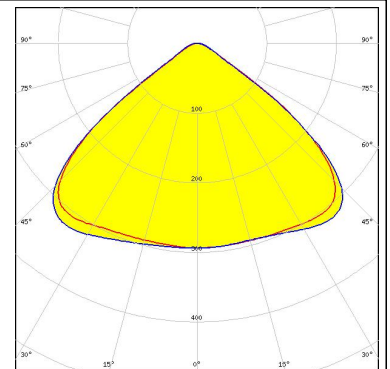
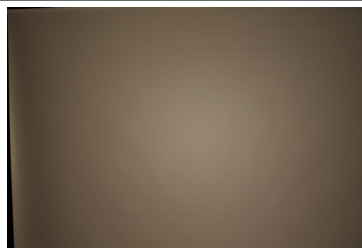
SAMSUNG

LED COB D Series LES 9.8 mm
 FWHM 106.0°
 Efficiency 94 %
 Peak intensity 0.370 cd/lm
 Required components:



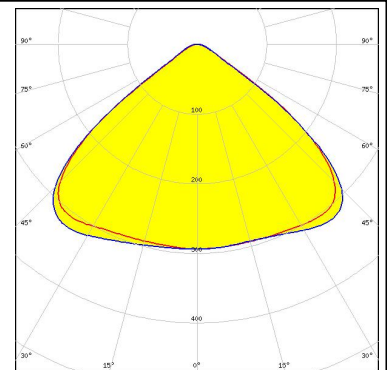
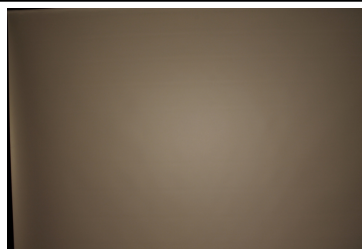
SEOUL SEMICONDUCTOR

LED MJT COB LES 6
 FWHM 111.0°
 Efficiency 91 %
 Peak intensity 0.360 cd/lm
 Required components:
 C14436_JENNY-HLD-A-BLK


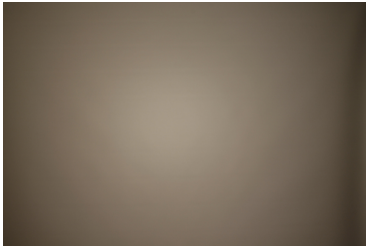
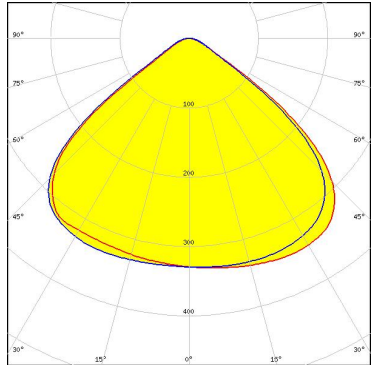

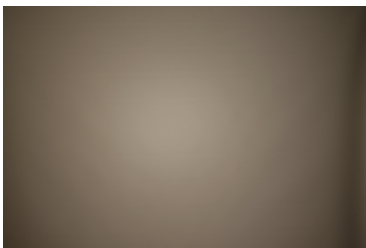
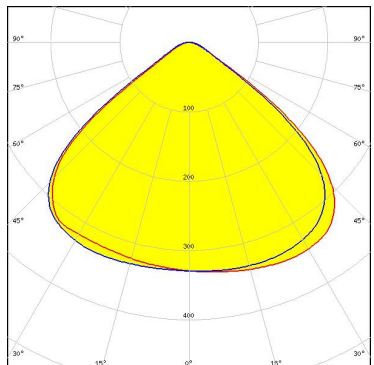

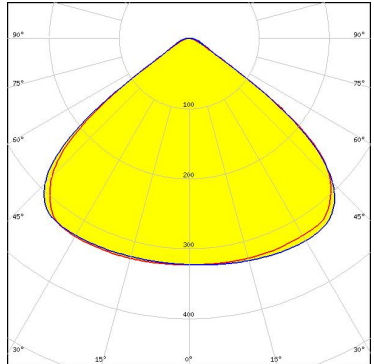
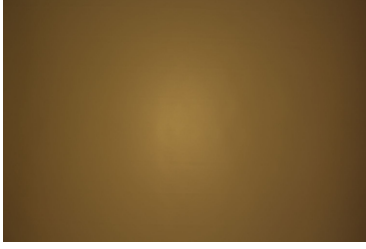
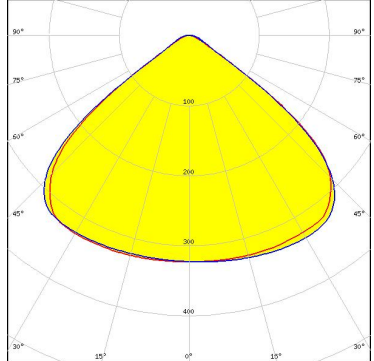


SEOUL SEMICONDUCTOR

LED MJT COB LES 6
 FWHM 111.0°
 Efficiency 91 %
 Peak intensity 0.360 cd/lm
 Required components:



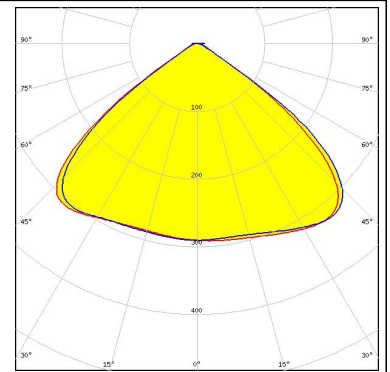
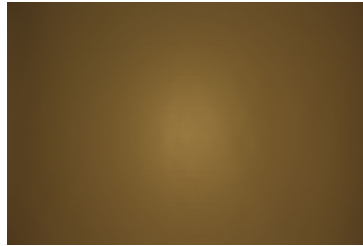
PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 9.8 FWHM 105.0° Efficiency 93 % Peak intensity 0.360 cd/lm Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 9.8 FWHM 105.0° Efficiency 93 % Peak intensity 0.360 cd/lm Required components: C14436_JENNY-HLD-A-BLK</p>		
<p>TRIDONIC</p> <p>LED SLE G5 LES11 FWHM 106.0° Efficiency 91 % Peak intensity 0.350 cd/lm Required components:</p>		
<p>TRIDONIC</p> <p>LED SLE G5 LES11 FWHM 106.0° Efficiency 91 % Peak intensity 0.350 cd/lm Required components: C14436_JENNY-HLD-A-BLK</p>		

PHOTOMETRIC DATA (MEASURED):

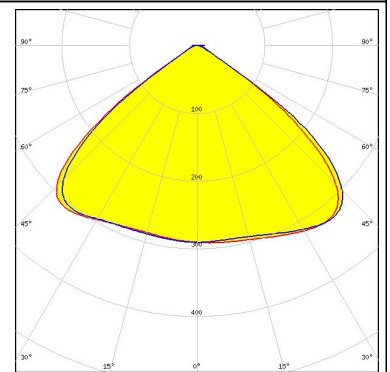
TRIDONIC

LED SLE G5 LES6
FWHM 108.0°
Efficiency 93 %
Peak intensity 0.400 cd/lm
Required components:
C14436_JENNY-HLD-A-BLK


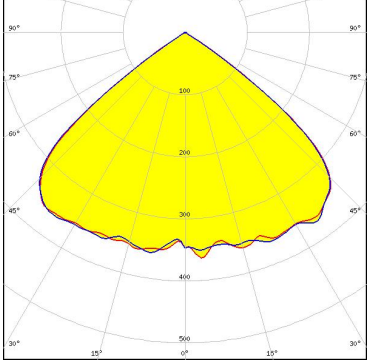

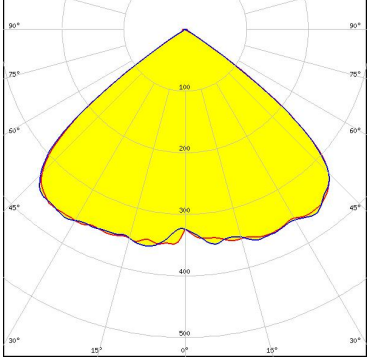

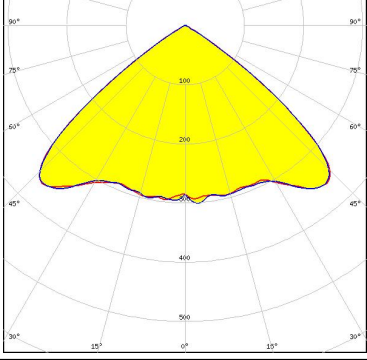

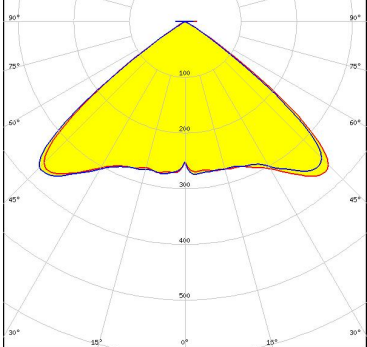


TRIDONIC

LED SLE G5 LES6
FWHM 108.0°
Efficiency 93 %
Peak intensity 0.400 cd/lm
Required components:



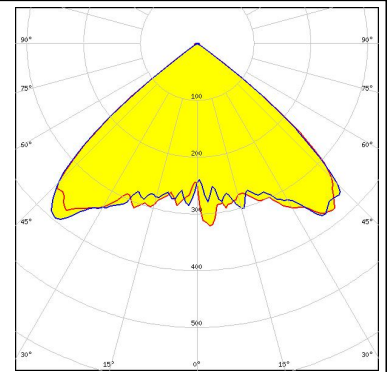
PHOTOMETRIC DATA (SIMULATED):

<p> bridgelux</p> <p>LED V10 Gen7 FWHM 95.0 + 102.0° Efficiency 94 % Peak intensity 0.390 cd/lm Required components: C14436_JENNY-HLD-A-BLK</p>	
<p> bridgelux</p> <p>LED V10 Gen7 FWHM 95.0 + 102.0° Efficiency 94 % Peak intensity 0.390 cd/lm Required components:</p>	
<p> CREE</p> <p>LED XHP35 HD FWHM 102.0° Efficiency 94 % Peak intensity 0.440 cd/lm Required components:</p>	
<p> CREE</p> <p>LED XHP50.2 FWHM 104.0° Efficiency 94 % Peak intensity 0.500 cd/lm Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

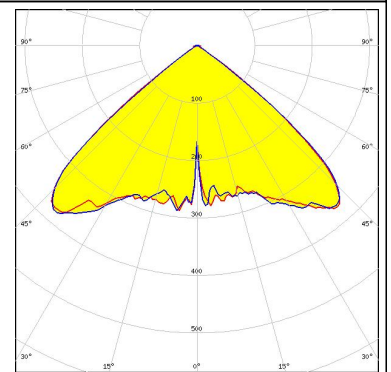
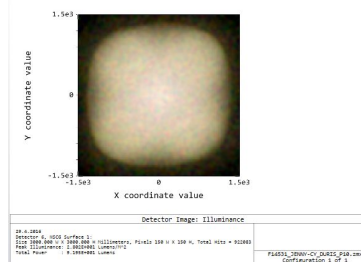
OSRAM
Opto Semiconductors

LED OSCONIQ P 7070
 FWHM 100.0°
 Efficiency 93 %
 Peak intensity 0.540 cd/lm
 Required components:
 C14436_JENNY-HLD-A-BLK



OSRAM
Opto Semiconductors

LED OSCONIQ P 7070
 FWHM 100.0°
 Efficiency 94 %
 Peak intensity 0.550 cd/lm
 Required components:



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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
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