

FLARE-MINI-A-PIN

~100° x 20° oval beam. Assembly with location pins and installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.0 mm
Height	9.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

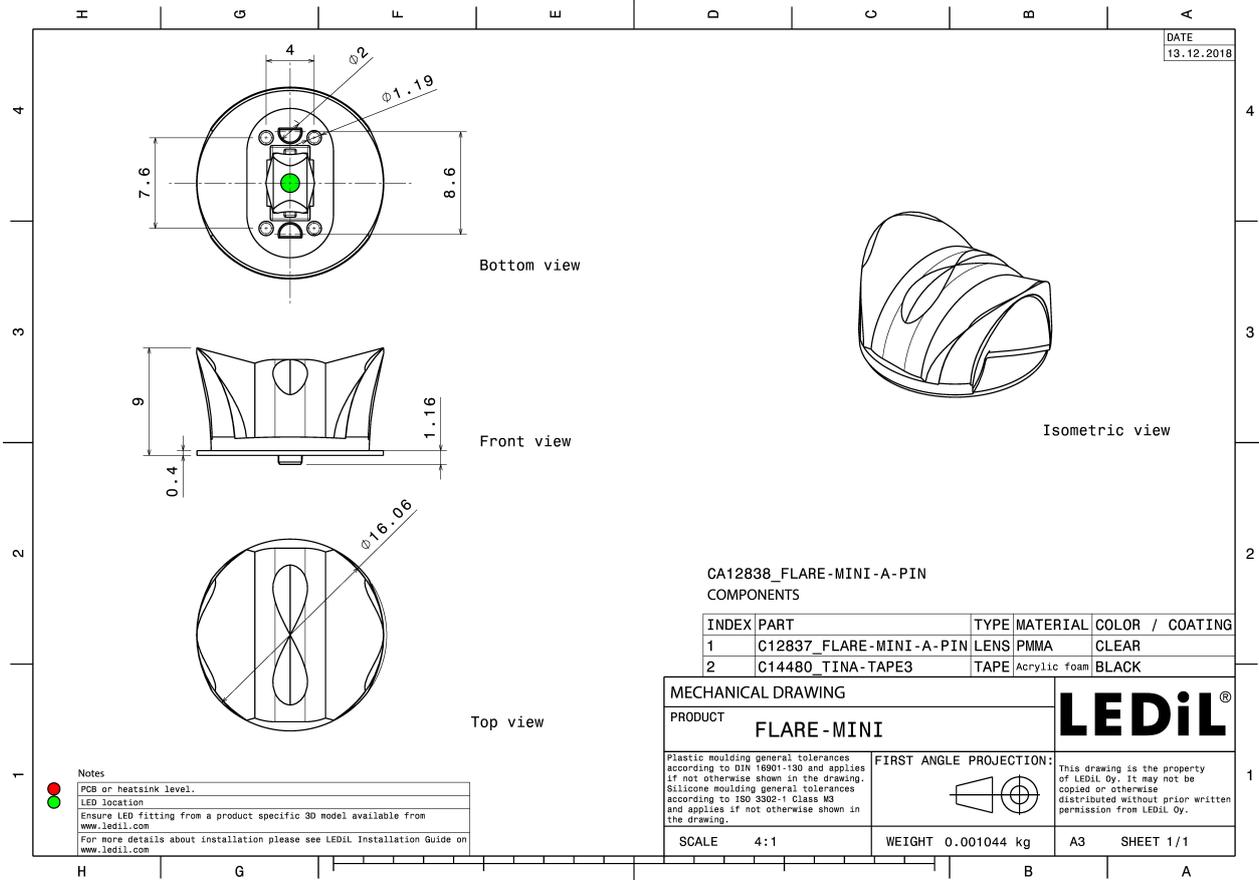
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
FLARE-MINI-A-PIN	Single lens	PMMA	clear	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA12838_FLARE-MINI-A-PIN » Box size: 460 x 250 x 300 mm	Single lens	4600	230	230	7.4



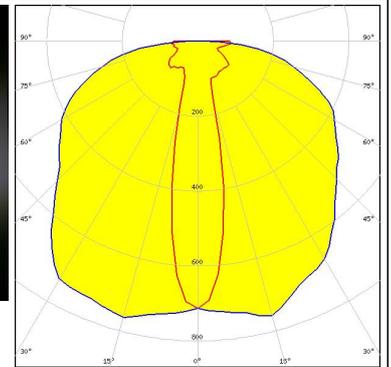


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

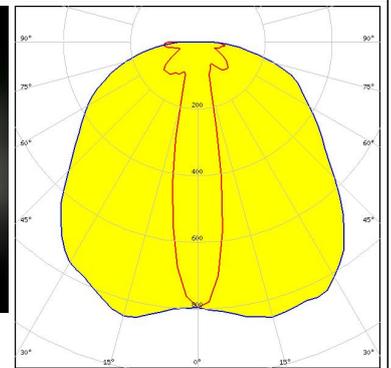
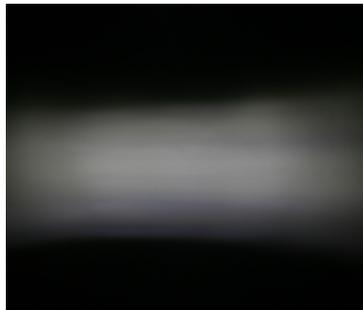
CREE LED

LED XB-D White
 FWHM / FWTM 130.0 + 21.0° / 119.0 + 172.0°
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



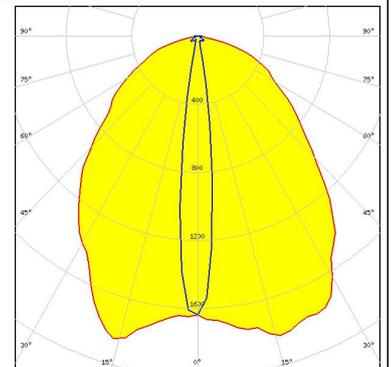
CREE LED

LED XP-E
 FWHM / FWTM 113.0 + 20.0° / 122.0 + 171.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



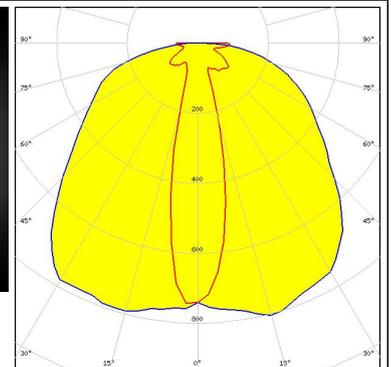
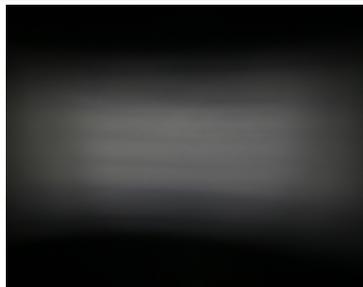
CREE LED

LED XP-E2
 FWHM / FWTM 93.0 + 14.0° / 150.0 + 24.0°
 Efficiency 94 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

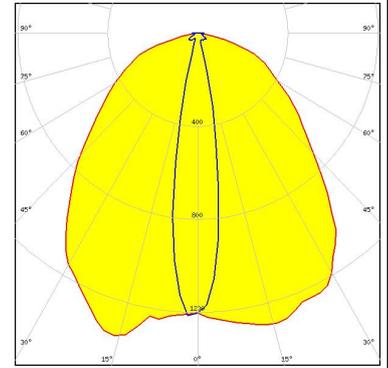
LED XP-G
 FWHM / FWTM 114.0 + 22.0° / 120.0 + 158.0°
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

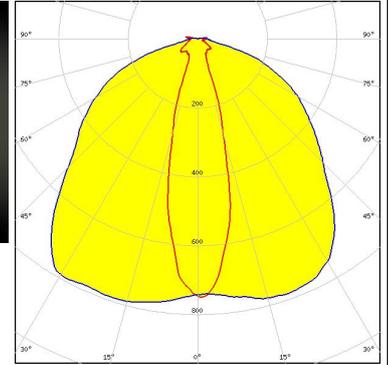
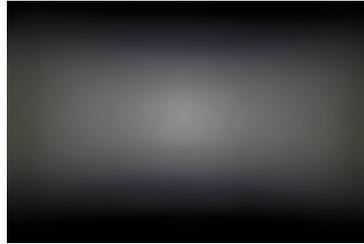
CREE LED

LED XP-G2
 FWHM / FWTM 94.0 + 19.0° / 152.0 + 31.0°
 Efficiency 94 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



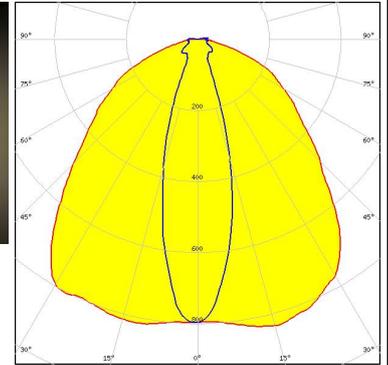
CREE LED

LED XP-L HD
 FWHM / FWTM 113.0 + 25.0° / 42.0 + 152.0°
 Efficiency 90 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



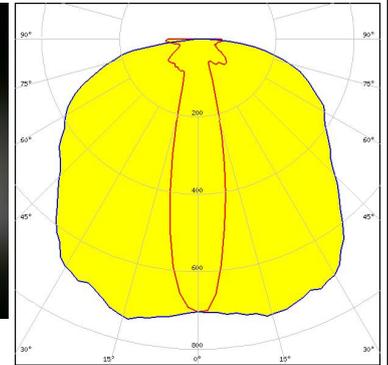
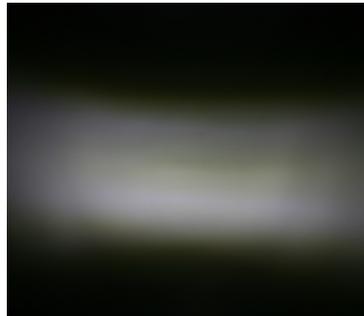
CREE LED

LED XP-L2
 FWHM / FWTM 100.0 + 28.0° / 153.0 + 49.0°
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

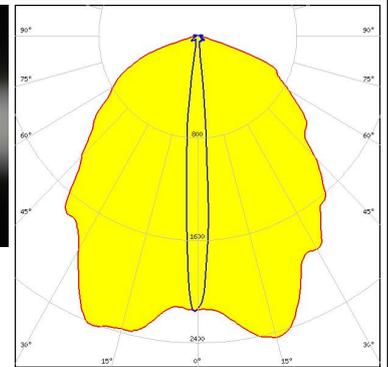
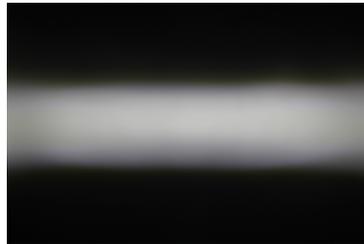
LED XT-E
 FWHM / FWTM 124.0 + 22.0° / 119.0 + 173.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

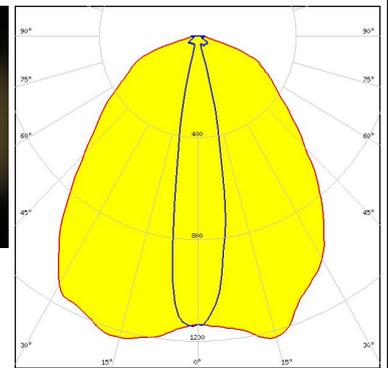
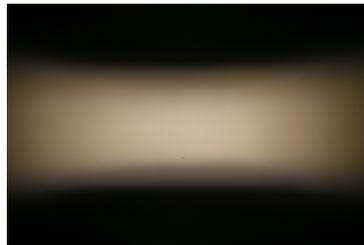
LUMILEDS

LED LUXEON CZ
 FWHM / FWTM 105.0 + 9.0° / 145.0 + 16.0°
 Efficiency 94 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



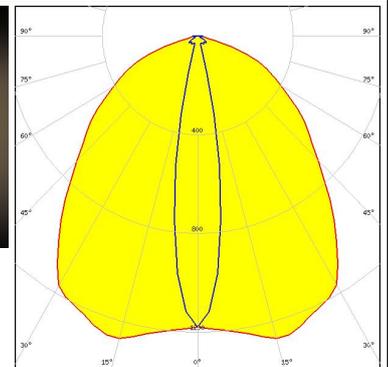
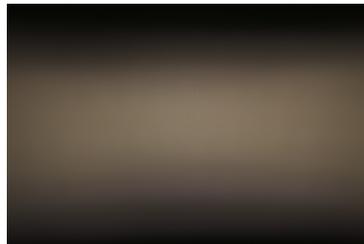
LUMILEDS

LED LUXEON T
 FWHM / FWTM 95.0 + 19.0° / 30.0 + 148.0°
 Efficiency 93 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



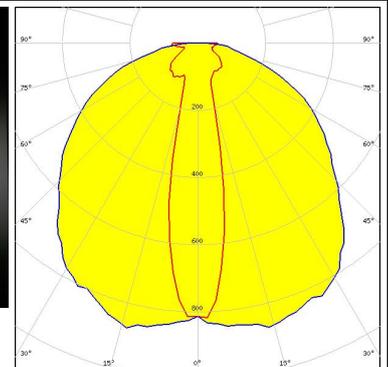
LUMILEDS

LED LUXEON TX
 FWHM / FWTM 93.0 + 19.0° / 145.0 + 31.0°
 Efficiency 94 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

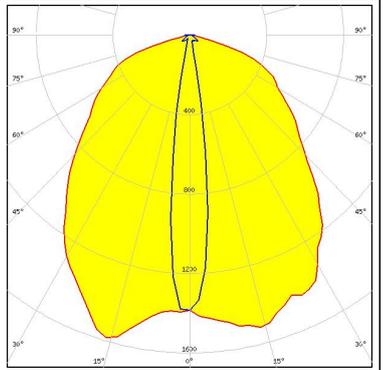
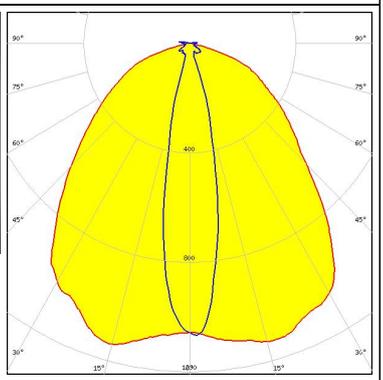
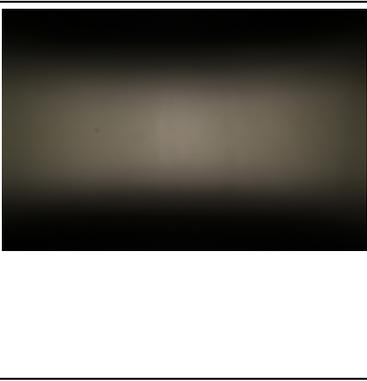
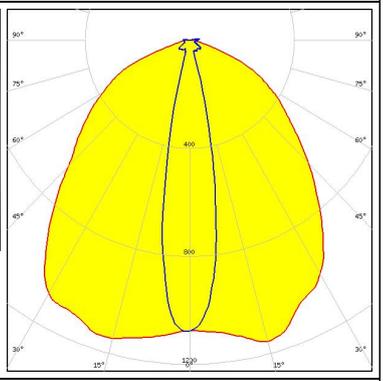
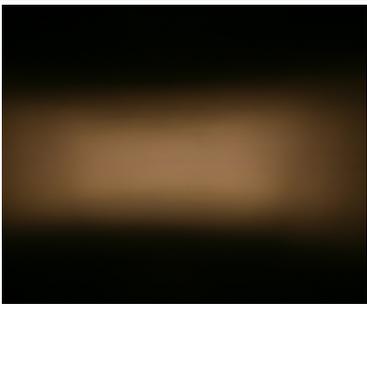
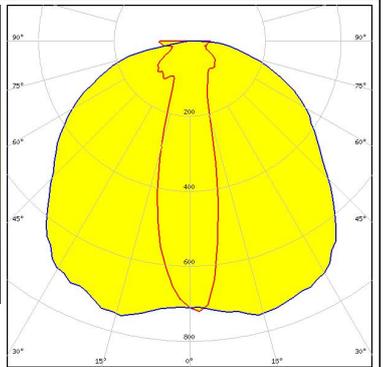


NICHIA

LED NCSxx19A
 FWHM / FWTM 112.0 + 20.0° / 104.0 + 167.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

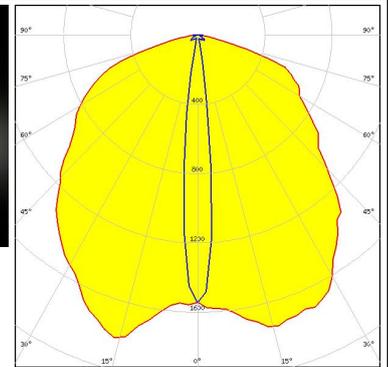
<p>NICHIA</p> <p>LED NCSxx19B</p> <p>FWHM / FWTM 95.0 + 15.0° / 151.0 + 27.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NVSW219F</p> <p>FWHM / FWTM 99.0 + 21.0° / 149.0 + 35.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C</p> <p>FWHM / FWTM 101.0 + 20.0° / 145.0 + 32.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM Square PC</p> <p>FWHM / FWTM 116.0 + 22.0° / 114.0 + 172.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

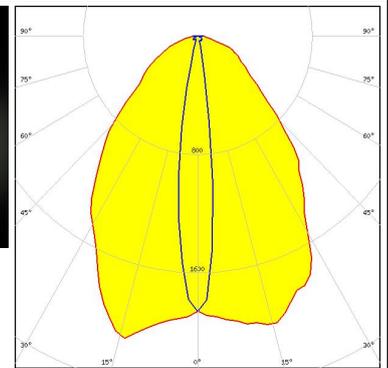
LED OSLON SSL 150
 FWHM / FWTM 106.0 + 11.0° / 22.0 + 152.0°
 Efficiency 93 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

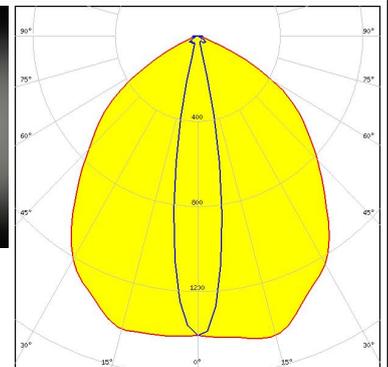
Opto Semiconductors

LED OSLON SSL 80
 FWHM / FWTM 84.0 + 12.0° / 23.0 + 144.0°
 Efficiency 93 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



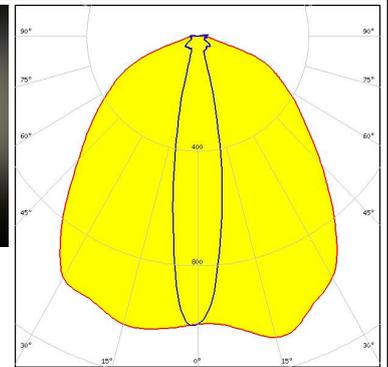
SAMSUNG

LED LH351Z
 FWHM / FWTM 95.0 + 19.0° / 133.0 + 31.0°
 Efficiency 94 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M3
 FWHM / FWTM 102.0 + 20.0° / 149.0 + 37.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



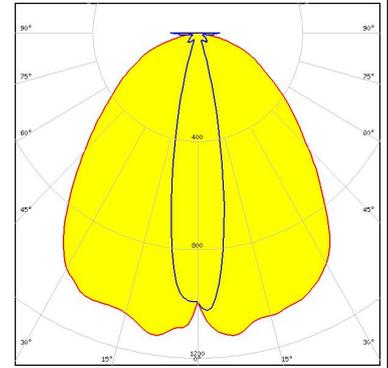
PHOTOMETRIC DATA (MEASURED):



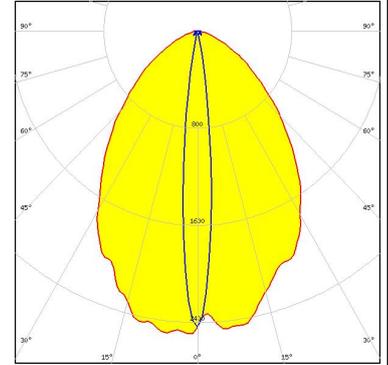
PHOTOMETRIC DATA (SIMULATED):



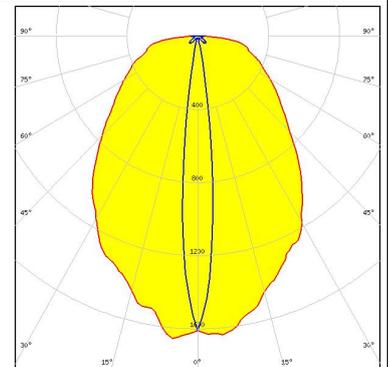
LED XP-G3
FWHM / FWTM 93.0 + 20.0° / 150.0 + 37.0°
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



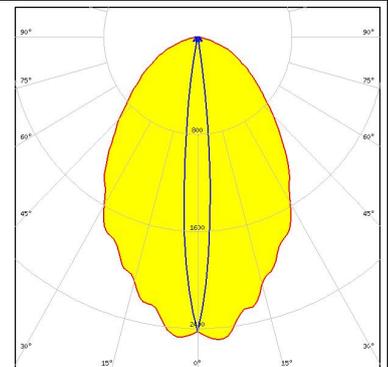
LED XQ-E HD
FWHM / FWTM 78.0 + 11.0° / 131.0 + 21.0°
Efficiency 95 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON C
FWHM / FWTM 11.0 + 84.0° / 21.0 + 168.0°
Efficiency 92 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON CZ
FWHM / FWTM 75.0 + 10.0° / 139.0 + 19.0°
Efficiency 95 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour Red
Required components:



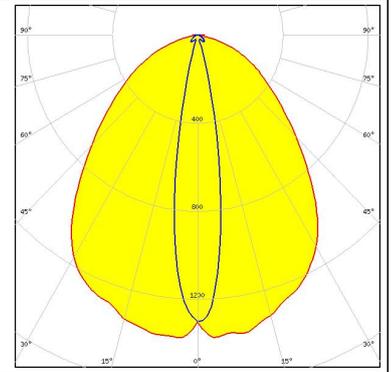
PHOTOMETRIC DATA (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON H50-2 FWHM / FWTM: 18.0 + 86.0° / 31.0 + 137.0° Efficiency: 93 % Peak intensity: 1.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON Rubix (white) FWHM / FWTM: 74.0 + 10.0° / 140.0 + 18.0° Efficiency: 96 % Peak intensity: 2.6 cd/lm LEDs/each optic: 1 Light colour: Red Required components:</p>	
<p>NICHIA</p> <p>LED: NCSxE17A FWHM / FWTM: 79.0 + 12.0° / 140.0 + 22.0° Efficiency: 95 % Peak intensity: 2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxE21A FWHM / FWTM: 91.0 + 16.0° / 143.0 + 27.0° Efficiency: 94 % Peak intensity: 1.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	89.0 + 18.0° / 145.0 + 31.0°
Efficiency	94 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
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.

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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

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