

FLARE-MINI-A-PIN

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

SPECIFICATION:

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

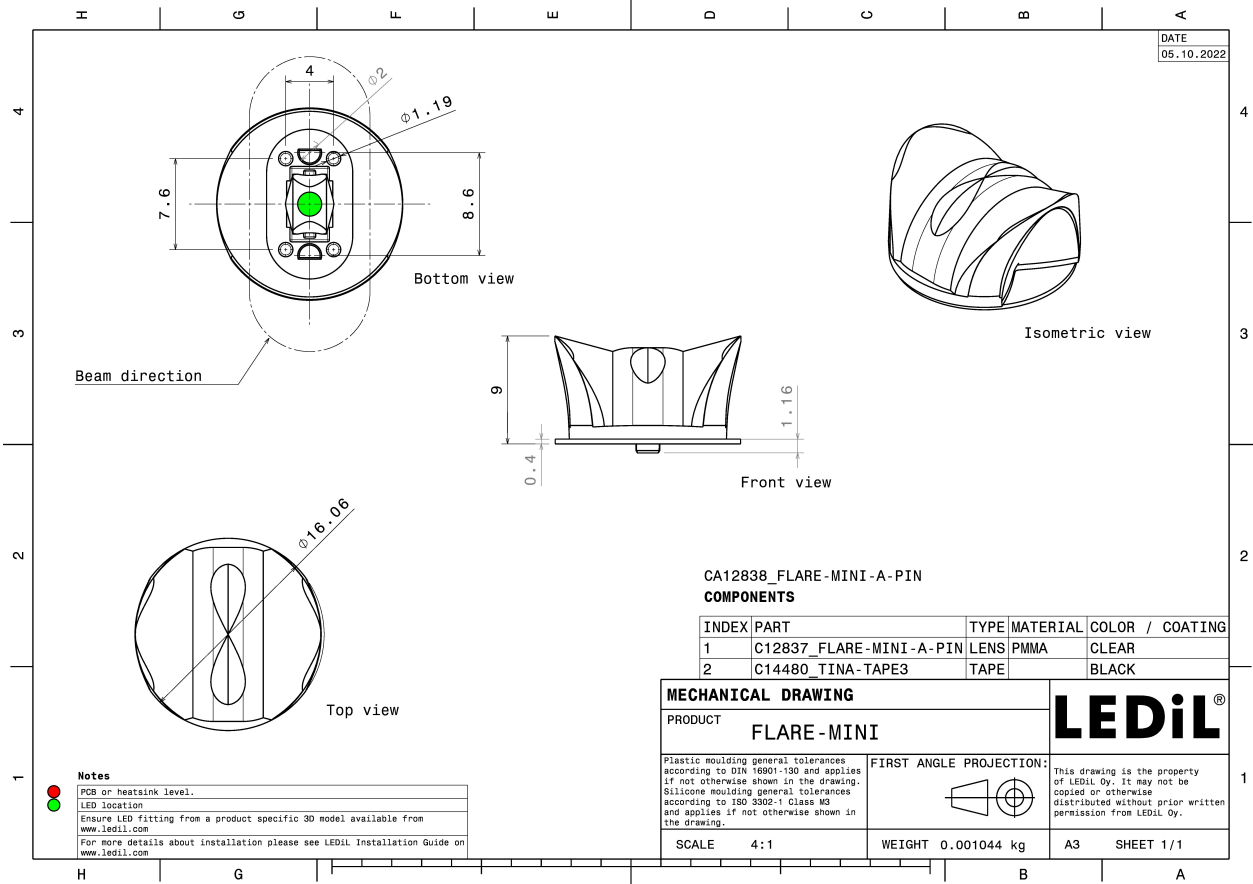
MATERIALS:

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



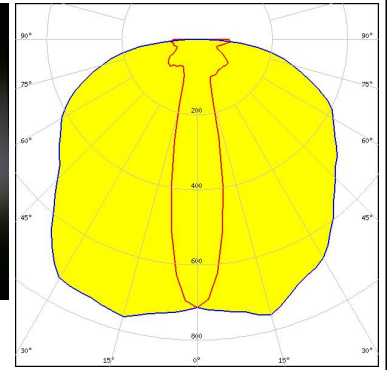


See also our general installation guide: www.ledil.com/installation_guide

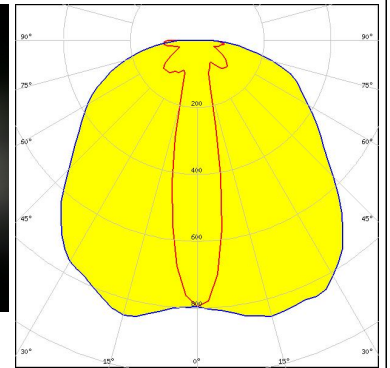
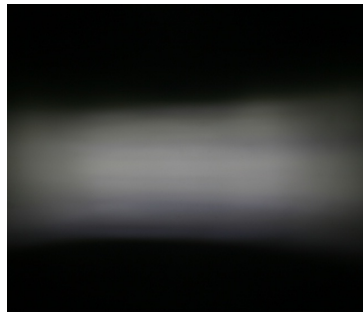
OPTICAL RESULTS (MEASURED):



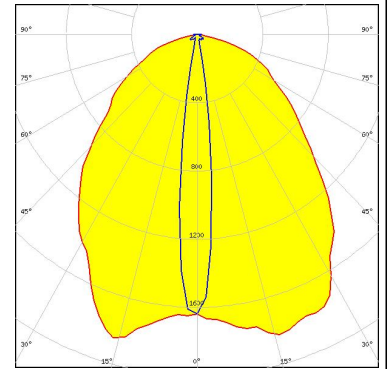
LED XB-D
 FWHM / FWTM 130.0 + 21.0° / 119.0 + 172.0°
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



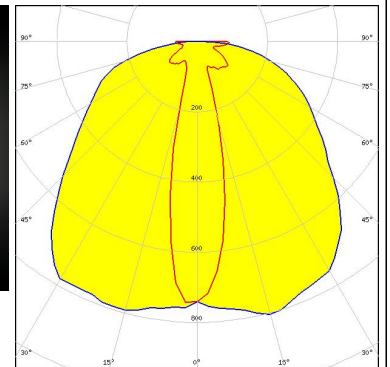
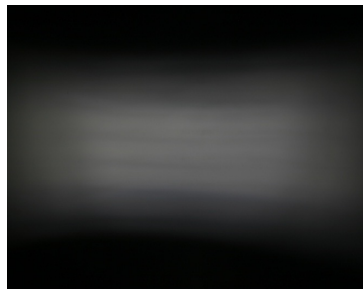
LED XP-E
 FWHM / FWTM 113.0 + 20.0° / 122.0 + 171.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



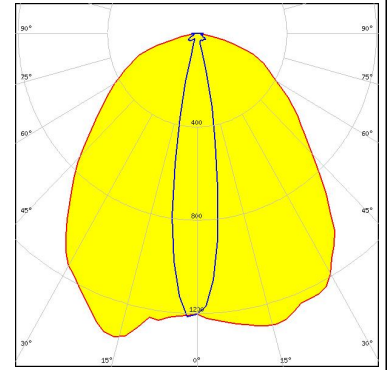
LED XP-G
 FWHM / FWTM 114.0 + 22.0° / 120.0 + 158.0°
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



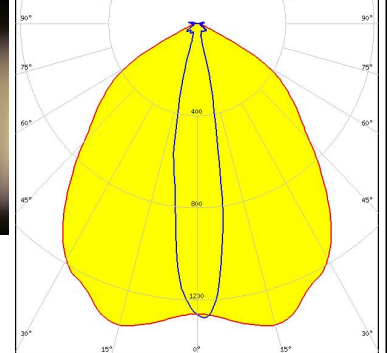
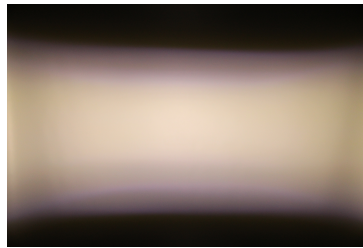
OPTICAL RESULTS (MEASURED):



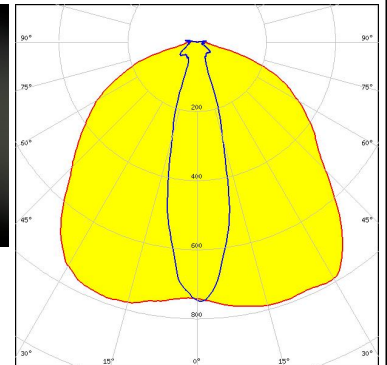
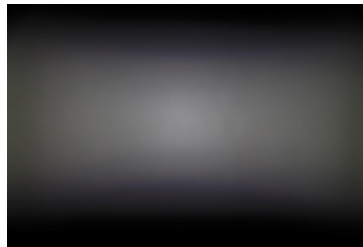
LED XP-G2
 FWHM / FWTM 94.0 + 19.0° / 152.0 + 31.0°
 Efficiency 94 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



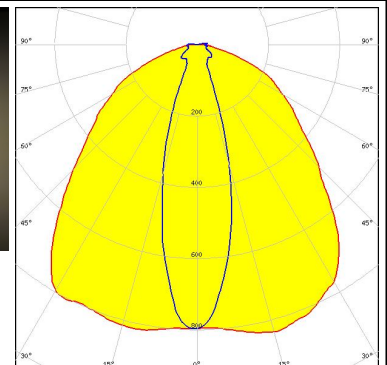
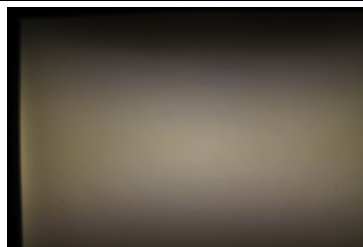
LED XP-G4
 FWHM / FWTM 92.0 + 19.0° / 129.0 + 32.0°
 Efficiency 96 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-L HD
 FWHM / FWTM 109.0 + 26.0° / 152.0 + 43.0°
 Efficiency 91 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



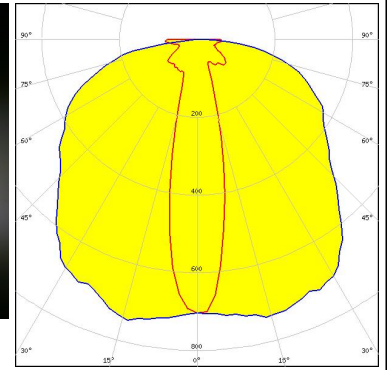
LED XP-L2
 FWHM / FWTM 100.0 + 28.0° / 153.0 + 49.0°
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



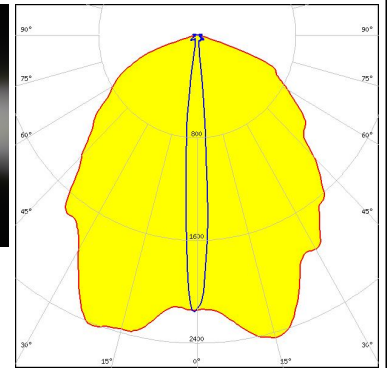
OPTICAL RESULTS (MEASURED):



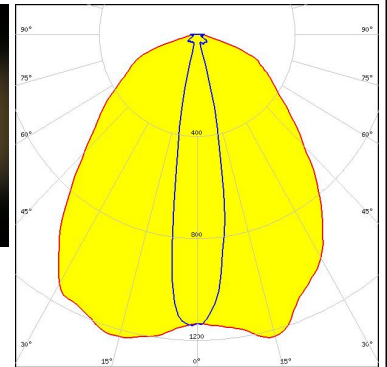
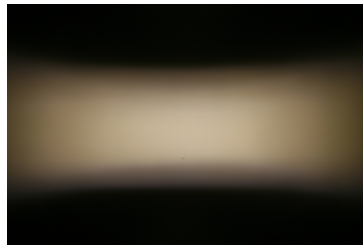
LED XT-E
 FWHM / FWTM 124.0 + 22.0° / 119.0 + 173.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



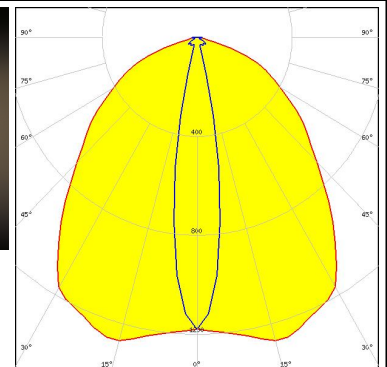
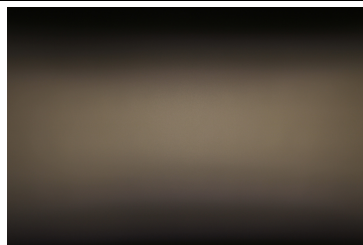
LED LUXEON CZ
 FWHM / FWTM 105.0 + 9.0° / 145.0 + 16.0°
 Efficiency 94 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



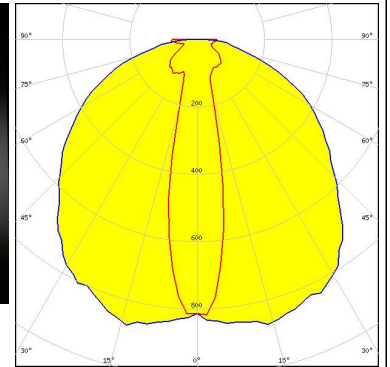
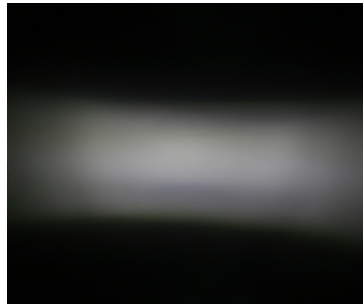
LED LUXEON TX
 FWHM / FWTM 93.0 + 19.0° / 145.0 + 31.0°
 Efficiency 94 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



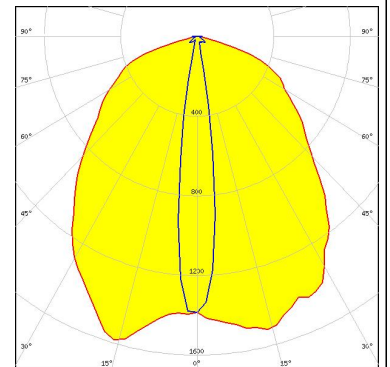
OPTICAL RESULTS (MEASURED):



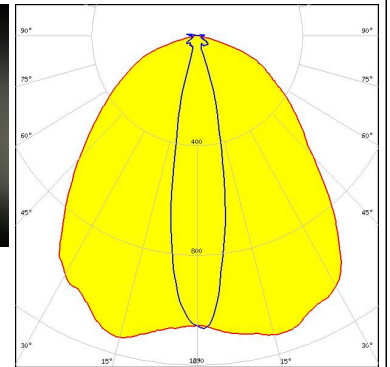
LED NCSxx19A
 FWHM / FWTM 112.0 + 20.0° / 104.0 + 167.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



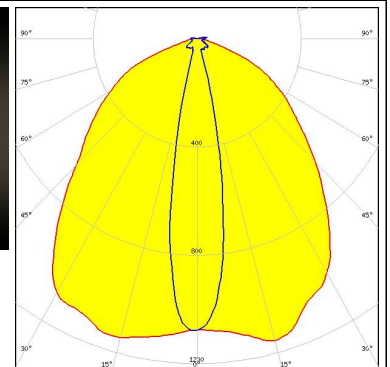
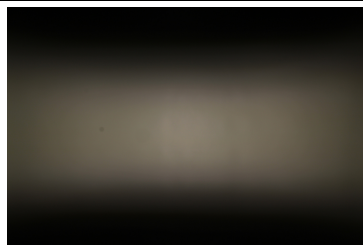
LED NCSxx19B
 FWHM / FWTM 95.0 + 15.0° / 151.0 + 27.0°
 Efficiency 94 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSW219F
 FWHM / FWTM 99.0 + 21.0° / 149.0 + 35.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 101.0 + 20.0° / 145.0 + 32.0°
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

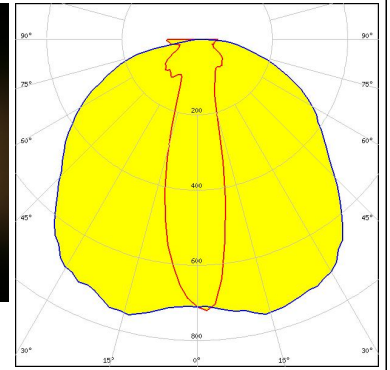


OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

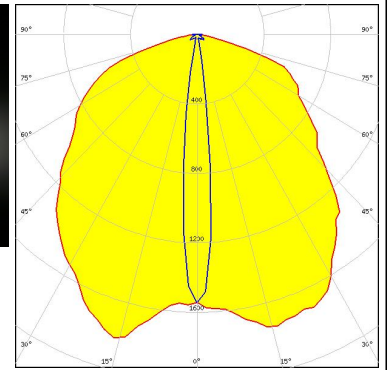
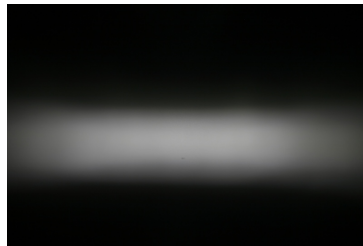
LED OSLON Square PC
 FWHM / FWTM 116.0 + 22.0° / 114.0 + 172.0°
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

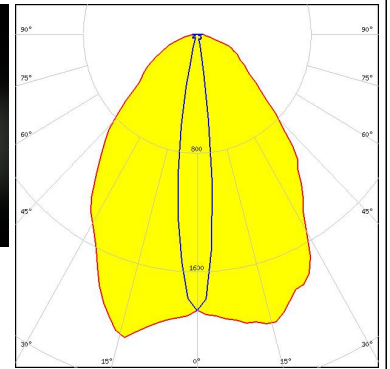
LED OSLON SSL 150
 FWHM / FWTM 106.0 + 11.0° / 22.0 + 152.0°
 Efficiency 93 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

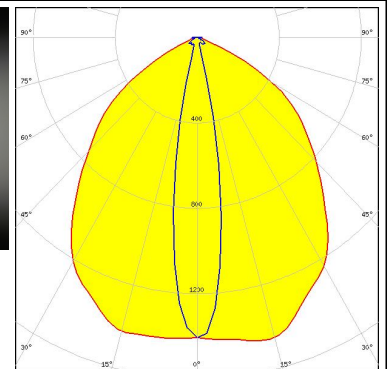
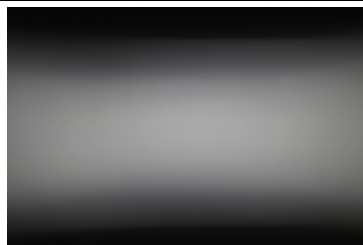
Opto Semiconductors

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:



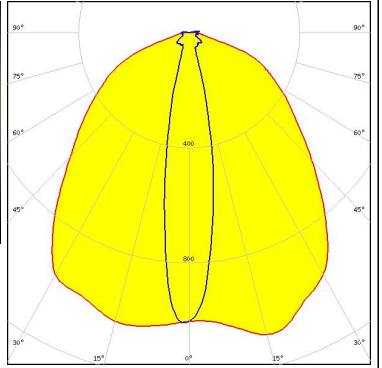


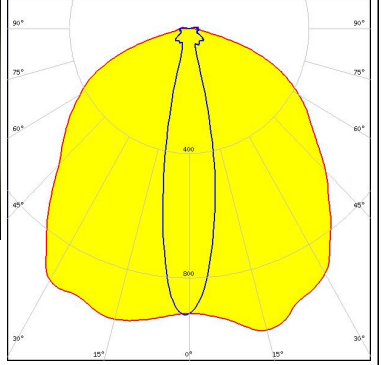


SAMSUNG

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:



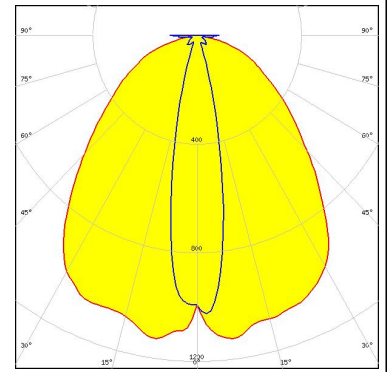
OPTICAL RESULTS (MEASURED):

<p> SEOL SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM 102.0 + 20.0° / 149.0 + 37.0°</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> SEOL SEMICONDUCTOR</p> <p>LED Z8Y22P</p> <p>FWHM / FWTM 115.0 + 21.0° / 154.0 + 34.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

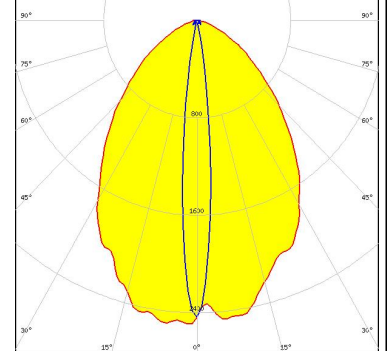
OPTICAL RESULTS (SIMULATED):



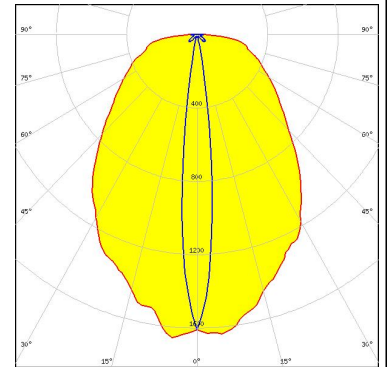
LED XP-G3
FWHM / FWTM 93.0 + 20.0° / 150.0 + 37.0°
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



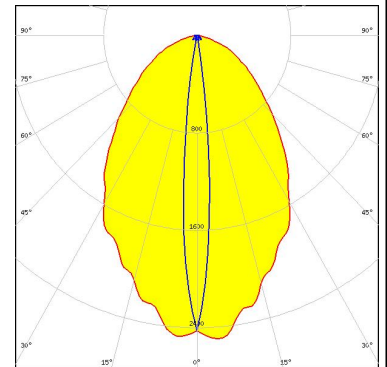
LED XQ-E HD
FWHM / FWTM 78.0 + 11.0° / 131.0 + 21.0°
Efficiency 95 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:



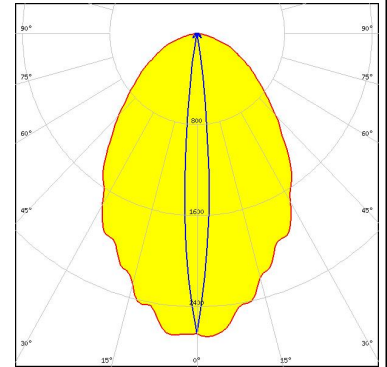
OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON H50-2</p> <p>FWHM / FWTM: 18.0 + 86.0° / 31.0 + 137.0°</p> <p>Efficiency: 93 %</p> <p>Peak intensity: 1.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON Rubix</p> <p>FWHM / FWTM: 79.0 + 10.0° / 142.0 + 18.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 2.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: Green</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON Rubix</p> <p>FWHM / FWTM: 80.0 + 10.0° / 142.0 + 18.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 2.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: Blue</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON Rubix</p> <p>FWHM / FWTM: 79.0 + 10.0° / 143.0 + 18.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 2.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

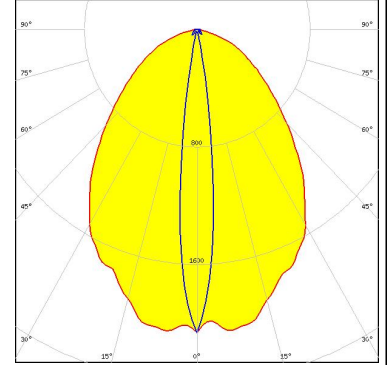
LUMILEDS

LED LUXEON Rubix
 FWHM / FWTM 76.0 + 10.0° / 140.0 + 18.0°
 Efficiency 96 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour Red
 Required components:



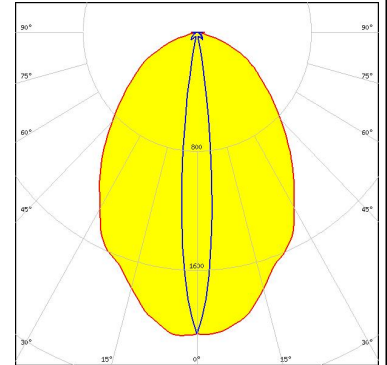
LUMILEDS

LED LUXEON Z ES
 FWHM / FWTM 84.0 + 13.0° / 141.0 + 22.0°
 Efficiency 95 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



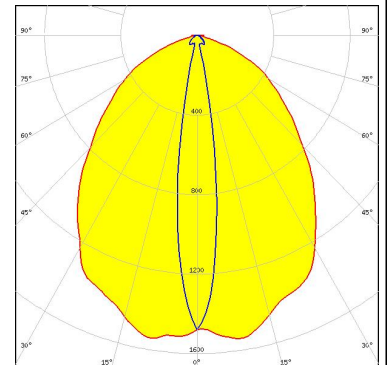
NICHIA

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:



NICHIA

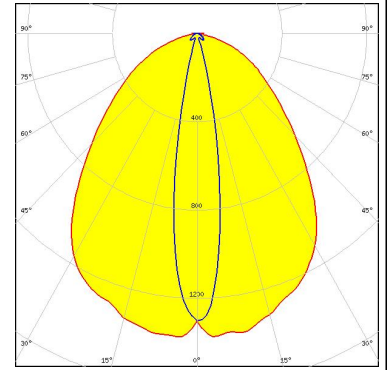
LED NVSxE21A
 FWHM / FWTM 91.0 + 16.0° / 143.0 + 27.0°
 Efficiency 94 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (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:



SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
FWHM / FWTM 91.0 + 20.0° / 141.0 + 30.0°
Efficiency 95 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

