

EMILY-O

~45° x 10° oval beam. 14.97 mm high lens.

SPECIFICATION:

Dimensions	Ø 26.0 mm
Height	15 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish
EMILY-O	Single lens	PMMA	clear	
SPUTNIK-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11389_EMILY-O	Single lens	1690	260	130	10.3
» Box size: 480 x 280 x 300 mm					



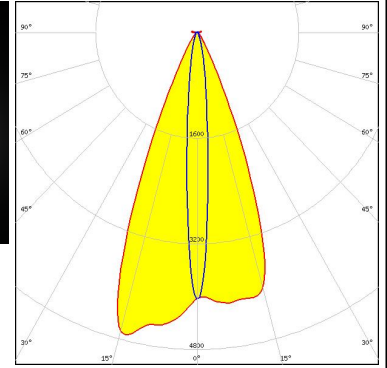
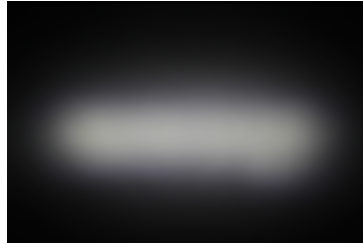


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE → LED

LED XD16
 FWHM / FWTM 43.0 + 9.0° / 60.0 + 27.0°
 Efficiency 92 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

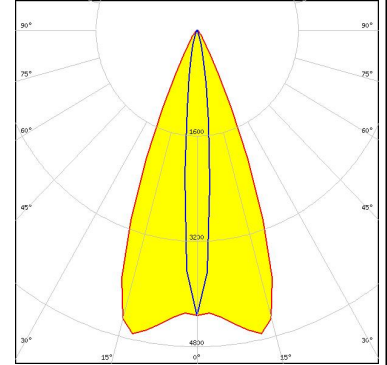


CREE → LED

LED XP-E
 FWHM / FWTM 44.0 + 9.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour White
 Required components:

CREE → LED

LED XP-G
 FWHM / FWTM 44.0 + 10.0° / 58.0 + 24.0°
 Efficiency 92 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

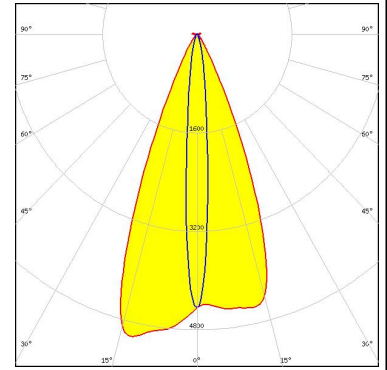
LED NVSxx19A
 FWHM / FWTM 45.0 + 13.0° / 62.0 + 28.0°
 Efficiency 87 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

LED OSLON Square EC
FWHM / FWTM 43.0 + 9.0° / 60.0 + 25.0°
Efficiency 93 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 44.0 + 10.0°
Efficiency 85 %
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z5
FWHM / FWTM 44.0 + 10.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

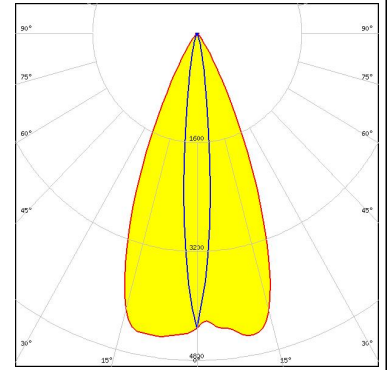
SHARP

LED Double Dome (GM2BB)
FWHM / FWTM 44.0 + 10.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

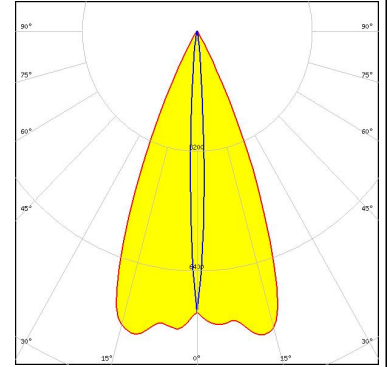
OPTICAL RESULTS (SIMULATED):



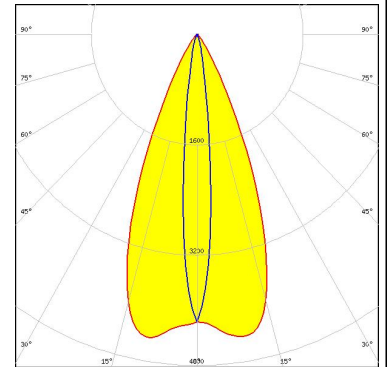
LED XP-G3
 FWHM / FWTM 46.0 + 10.0° / 64.0 + 24.0°
 Efficiency 91 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



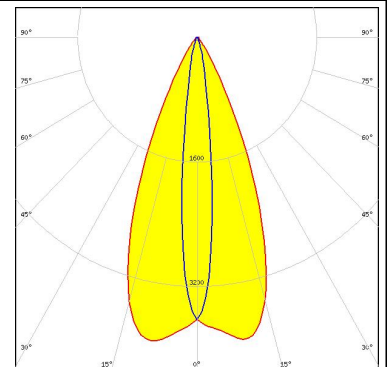
LED XQ-E HI
 FWHM / FWTM 45.0 + 7.0° / 58.0 + 15.0°
 Efficiency 94 %
 Peak intensity 8.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



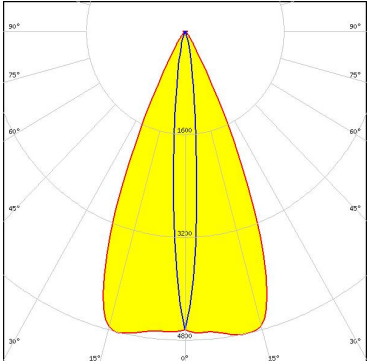
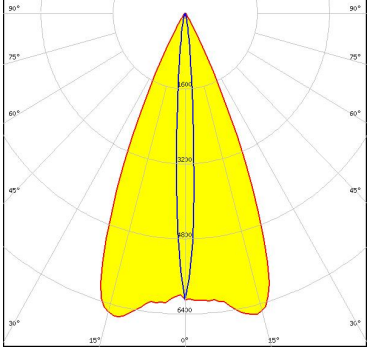
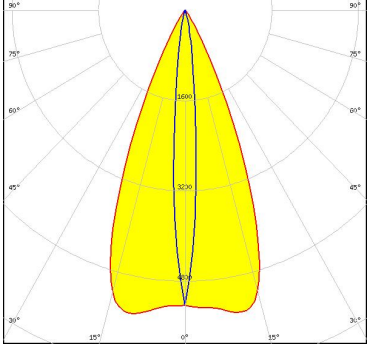
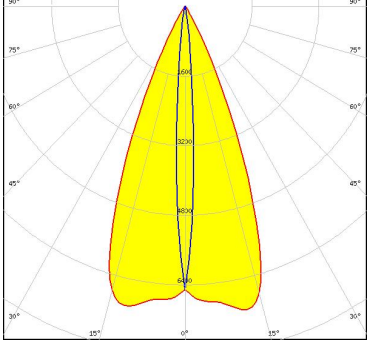
LED NVSW319B
 FWHM / FWTM 46.0 + 12.0° / 66.0 + 24.0°
 Efficiency 92 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

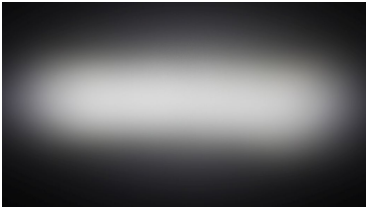


LED NVSW519A
 FWHM / FWTM 46.0 + 12.0° / 66.0 + 27.0°
 Efficiency 90 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NVSxE21A</p> <p>FWHM / FWTM: 48.0 + 10.0° / 62.0 + 24.0°</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 4.8 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: OSCONIQ P 3030</p> <p>FWHM / FWTM: 46.0 + 6.6° / 60.0 + 18.0°</p> <p>Efficiency: 93 %</p> <p>Peak intensity: 6.6 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: OSOLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM: 45.0 + 9.0° / 62.0 + 21.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 5.5 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: OSOLON SSL 150</p> <p>FWHM / FWTM: 44.0 + 8.0° / 60.0 + 16.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 7.1 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	



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:

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