

EMILY-O

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

TECHNICAL SPECIFICATIONS:

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

MATERIAL SPECIFICATIONS:

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					



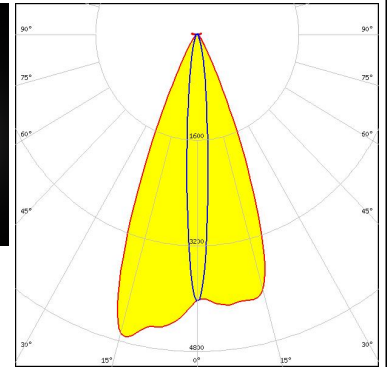


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (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:

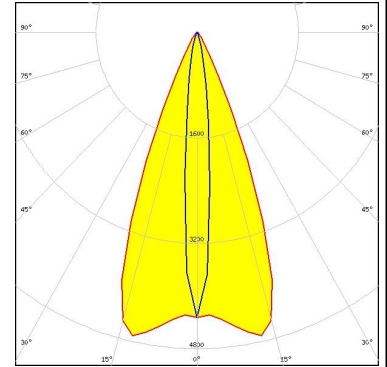


CREE LED

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

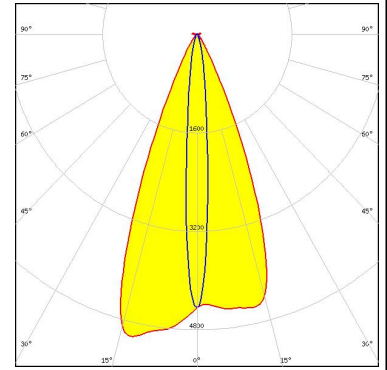
LED NVSxx19A
FWHM / FWTM 45.0 + 13.0° / 62.0 + 28.0°
Efficiency 87 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED OSLOM 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 OSLOM SSL 150
FWHM / FWTM 44.0 + 12.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

OSRAM

Opto Semiconductors

LED OSLOM 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:

PHOTOMETRIC DATA (MEASURED):

SHARP

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

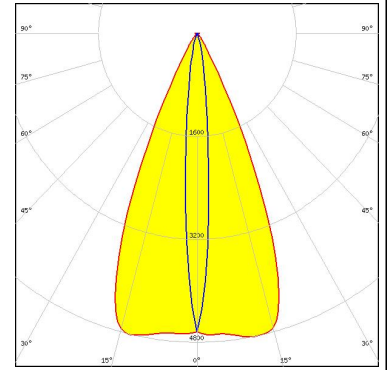
PHOTOMETRIC DATA (SIMULATED):

<p>CREE → LED</p> <p>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:</p>	
<p>CREE → LED</p> <p>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:</p>	
<p>NICHIA</p> <p>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:</p>	
<p>NICHIA</p> <p>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:</p>	

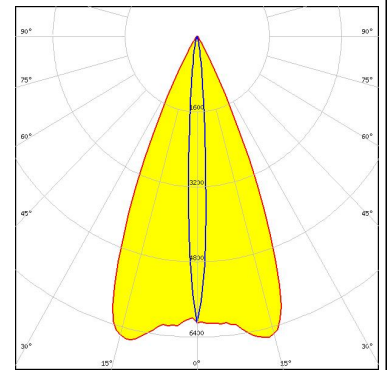
PHOTOMETRIC DATA (SIMULATED):



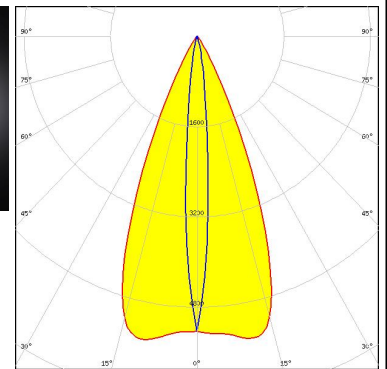
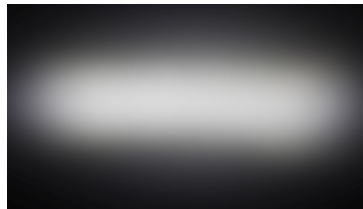
LED NVSxE21A
FWHM / FWTM 48.0 + 10.0° / 62.0 + 24.0°
Efficiency 91 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 3030
FWHM / FWTM 46.0 + 6.6° / 60.0 + 18.0°
Efficiency 93 %
Peak intensity 6.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 45.0 + 9.0° / 62.0 + 21.0°
Efficiency 94 %
Peak intensity 5.5 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:

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