

## 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					



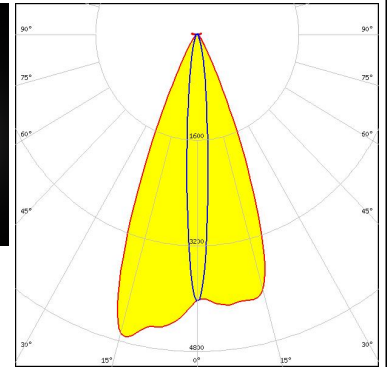


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### 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:

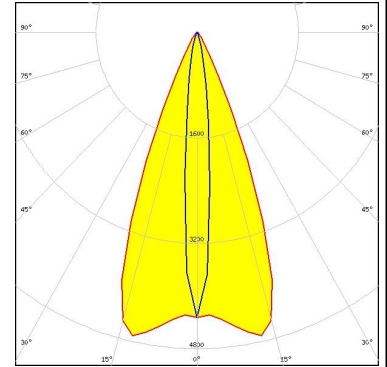


##### CREE → LED

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 NCSxx19A  
 FWHM / FWTM 44.0 + 10.0°  
 Efficiency 87 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:

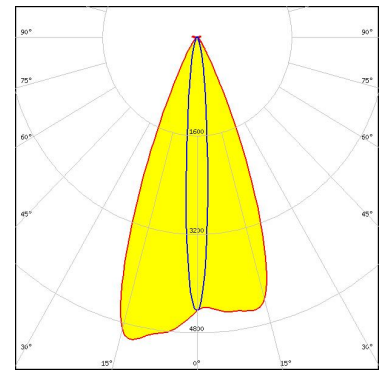
### PHOTOMETRIC DATA (MEASURED):



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:



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:



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



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

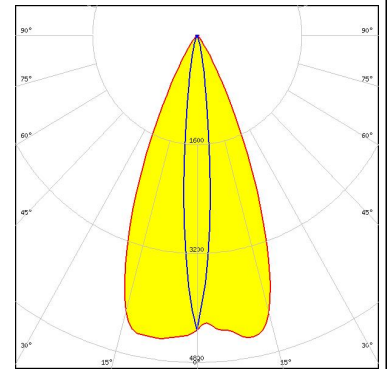
## PHOTOMETRIC DATA (MEASURED):

 SEOL SEMICONDUCTOR	
LED	Z5
FWHM / FWTM	44.0 + 10.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	
<b>SHARP</b>	
LED	Double Dome (GM2BB)
FWHM / FWTM	44.0 + 10.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

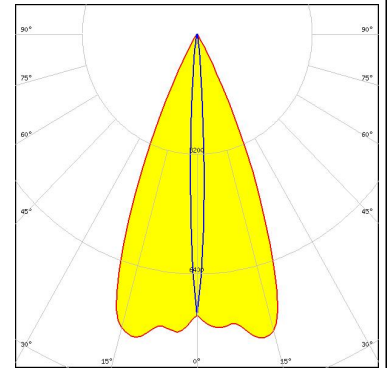
#### PHOTOMETRIC DATA (SIMULATED):



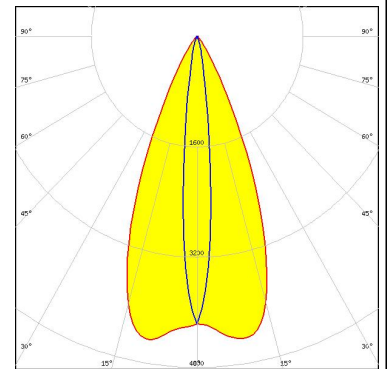
LED XP-G3  
 FWHM / FWTM 46.0 + 10.0° / 64.0 + 24.0°  
 Efficiency 91 %  
 Peak intensity 4.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



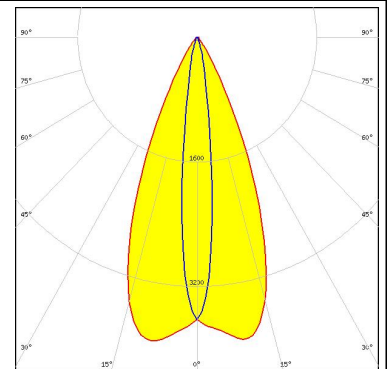
LED XQ-E HI  
 FWHM / FWTM 45.0 + 7.0° / 58.0 + 15.0°  
 Efficiency 94 %  
 Peak intensity 8.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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:

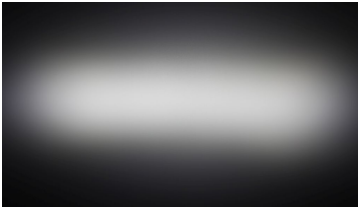


LED NVSW519A  
 FWHM / FWTM 46.0 + 12.0° / 66.0 + 27.0°  
 Efficiency 90 %  
 Peak intensity 3.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):

<p><b>NICHIA</b></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><b>OSRAM</b> 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><b>OSRAM</b> Opto Semiconductors</p> <p>LED: OSLON 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>	



### 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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