

EMILY-O-90

~10° x 45° oval beam. 14.97 mm high lens.
Variant with beam direction rotated 90°.

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-90	Single lens	PMMA	clear	
SPUTNIK-TAPE	Tape	PU tape	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11390_EMILY-O-90	Single lens	1690	260	130	10.6
» Box size: 480 x 280 x 300 mm					



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

PHOTOMETRIC DATA (MEASURED):

CREE

LED XP-E
FWHM / FWTM 49.0 + 9.0° / 59.0 + 24.0°
Efficiency 92 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE

LED XP-G
FWHM / FWTM 44.0 + 10.0° / 58.0 + 24.0°
Efficiency 92 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:





LUMILEDS

LED LUXEON Rebel
FWHM / FWTM 9.0 + 45.0° / 25.0 + 57.0°
Efficiency 87 %
Peak intensity 3.8 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):


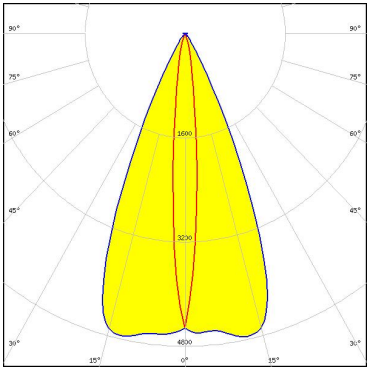

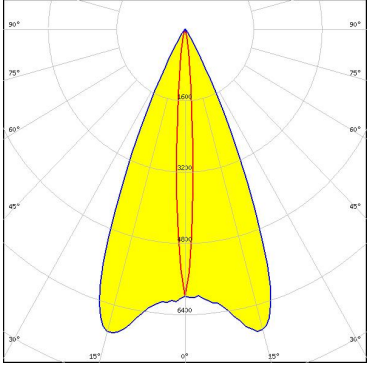
	
LED	NVSxx19A
FWHM / FWTM	44.0 + 12.0°
Efficiency	87 %
LEDs/each optic	1
Light colour	White
Required components:	
<hr/>	
 <small>Opto Semiconductors</small>	
LED	OSLON SSL 150
FWHM / FWTM	44.0 + 12.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	
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 <small>Opto Semiconductors</small>	
LED	OSLON SSL 80
FWHM / FWTM	44.0 + 10.0°
Efficiency	85 %
LEDs/each optic	1
Light colour	White
Required components:	
<hr/>	
 <small>SEOUL SEMICONDUCTOR</small>	
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):

		
LED	NVSxE21A	
FWHM / FWTM	10.0 + 46.0° / 24.0 + 62.0°	
Efficiency	92 %	
Peak intensity	4.8 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
		
LED	OSCONIQ P 3030	
FWHM / FWTM	7.1 + 46.0° / 18.0 + 60.0°	
Efficiency	96 %	
Peak intensity	7 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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