

PRODUCT DATASHEET CA12000_EMILY-O-WAS

EMILY-O-WAS

 ${\sim}45^\circ$ x 10° oval beam for wall washing. 14.95 mm high lens.

SPECIFICATION:

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



MATERIALS:

Component EMILY-O-WAS SPUTNIK-TAPE

Туре	
Single lens	
Таре	

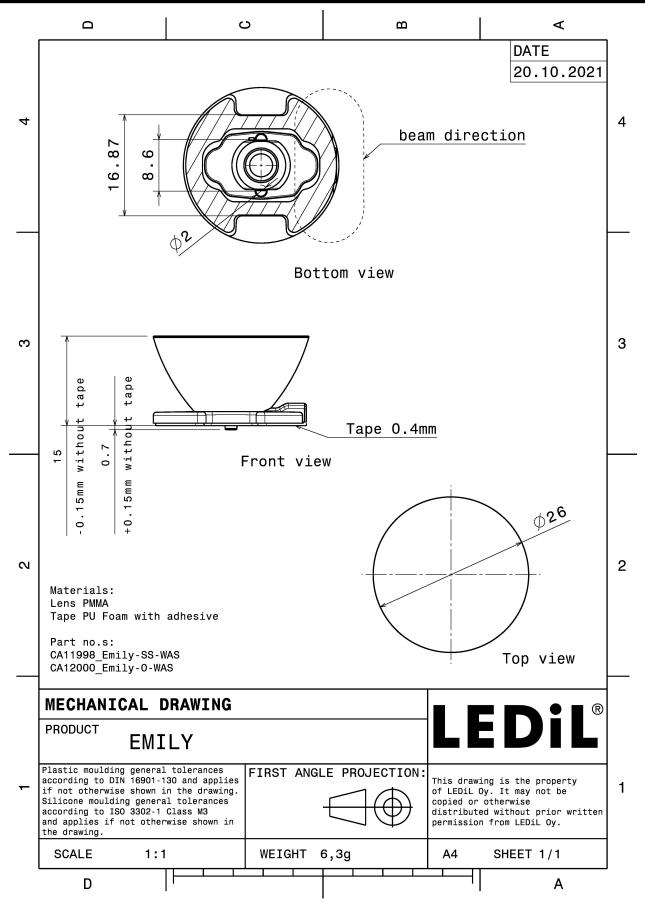
Material	Colour	Finish
PMMA	clear	
Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12000_EMILY-O-WAS	Single lens	1690	260	130	11.6
» Box size: 480 x 280 x 300 mm					



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



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		90* 90
LED FWHM / FWTM Efficiency	XHP35 HD Asymmetric 90 %	00 77
Peak intensity	3.2 cd/lm	
LEDs/each optic	1	
Light colour	White	45° 45'
Required compone	nts:	200 200 200 200 200 200 200 200 200 200
		50 ⁴
LED	XP-E	
FWHM / FWTM	Asymmetric	60° 60°
Efficiency	87 %	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	50°
		90° 90'
	XP-G	90 ⁴
		39°
LED	XP-G	90 ⁴ 90 ⁷
LED FWHM / FWTM Efficiency Peak intensity	XP-G Asymmetric	91 ⁴ 92 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G Asymmetric 87 % 4.2 cd/lm 1	60 60 F
LED FWHM / FWTM Efficiency Peak intensity	XP-G Asymmetric 87 % 4.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G Asymmetric 87 % 4.2 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G Asymmetric 87 % 4.2 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G Asymmetric 87 % 4.2 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G Asymmetric 87 % 4.2 cd/lm 1 White nts: XP-L HI	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G Asymmetric 87 % 4.2 cd/lm 1 White nts: XP-L HI Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE Component LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G Asymmetric 87 % 4.2 cd/lm 1 White nts: XP-L HI Asymmetric 88 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE Component LED FWHM / FWTM Efficiency Peak intensity	XP-G Asymmetric 87 % 4.2 cd/lm 1 White nts: XP-L HI Asymmetric 88 % 5.2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE Compone LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G Asymmetric 87 % 4.2 cd/lm 1 White nts: XP-L HI Asymmetric 88 % 5.2 cd/lm 1 White	



LUMILEDS

LED	LUXEON A
FWHM / FWTM	43.0 + 10.0° / 60.0 + 28.0°
Efficiency	87 %
Peak intensity	3.8 cd/lm
LEDs/each optic	1
Light colour	White
Required componer	its:

<u></u>		
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON Rebel ES 43.0 + 10.0° / 60.0 + 28.0° 87 % 3.7 cd/lm 1 White	6 ¹ 5 ² 6 ¹ 5 ² 5 ²
UMIL	.EDS	34 ⁴ 35 ⁷ 400 35 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON T 43.0 + 9.0° / 63.0 + 24.0° 84 % 4.7 cd/lm 1 White ents:	57 67 57 57 57 57 57 57



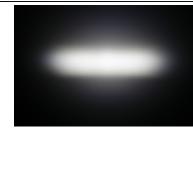
	EDS	304
LED	LUXEON TX	
FWHM / FWTM	Asymmetric	23
Efficiency	86 %	
Peak intensity	5.1 cd/lm	
LEDs/each optic	1	
Light colour	White	s.
Required compone		
Required compone	ans.	
		30 th 30 th 00 th 00 th 00 th
ØNICHI/		
LED	NVSxx19A	
FWHM / FWTM	43.0 + 12.0° / 61.0 + 34.0°	
Efficiency	85 %	
Peak intensity	3.1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
		90°
LED	NVSxx19B/NVSxx19C	22
LED FWHM / FWTM	NVSxx19B/NVSxx19C Asymmetric	9°
LED FWHM / FWTM Efficiency	NVSxx19B/NVSxx19C Asymmetric 91 %	80° 20°
LED FWHM / FWTM Efficiency Peak intensity	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm	90° 72 90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm 1	90° 72 05 05 05
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm 1 White	8. 8. 2. 3.
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm 1 White	904 72 905 905 906 906 906 906 906 906 906 906 906 906
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm 1 White	95° 72° 95° 95° 95° 95° 95° 95° 95° 95° 95° 95
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm 1 White ents: OSLON SSL 150 42.0 + 8.0° / 55.0 + 21.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm 1 White ents: OSLON SSL 150 42.0 + 8.0° / 55.0 + 21.0° 87 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm 1 White ents: OSLON SSL 150 42.0 + 8.0° / 55.0 + 21.0° 87 % 5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm 1 White ents: OSLON SSL 150 42.0 + 8.0° / 55.0 + 21.0° 87 % 5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm 1 White ents: OSLON SSL 150 42.0 + 8.0° / 55.0 + 21.0° 87 % 5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm 1 White ents: OSLON SSL 150 42.0 + 8.0° / 55.0 + 21.0° 87 % 5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 91 % 4.5 cd/lm 1 White ents: OSLON SSL 150 42.0 + 8.0° / 55.0 + 21.0° 87 % 5 cd/lm 1 White	

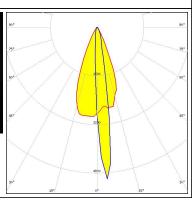


OSRAM Opto Semiconductors

SEOUL

- stout semiconoucror LED 25 FWHM / FWTM As Efficiency 85 Peak intensity 5 LEDs/each optic 1 Light colour W Required components:
- Z5M1/Z5M2 Asymmetric 85 % 5 cd/lm 1 White ts:







CREE LED	XP-E2 Asymmetric 95 % 6.8 cd/lm 1 White	22, 0, 22, 9/ 20, 0, 22, 9/ 6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G3 Asymmetric 91 % 4.6 cd/lm 1 White	20 27 27 27 27 27 27 27 27 27 27
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-L HD Asymmetric 92 % 4.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-L2 Asymmetric 90 % 3.5 cd/lm 1 White	90 90 90 90 90 90 90 90 90 90



CREE LED	XT-E Asymmetric 92 % 5.4 cd/lm 1 White	30° 30° 40° 40° 40° 40° 40° 40° 40° 4
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 Asymmetric 90 % 5.3 cd/lm 1 White	34 35 37 36 30 30 30 37 37 37 37 37 37 37 37 37 37
WHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Z ES Asymmetric 95 % 6.8 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NV4WB35AM Asymmetric 92 % 3.9 cd/lm 1 White	



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WICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSW319B Asymmetric 92 % 4.5 cd/lm 1 White	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
Ø NICHIΛ		90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSW519A Asymmetric 90 % 4 cd/lm 1 White	27
Ø NICHIΛ		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSxE21A Asymmetric 90 % 5 cd/lm 1 White	90° 90° 90° 90° 90° 90° 90° 90° 90° 90°
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ P 3030 Asymmetric 94 % 6.7 cd/lm 1 White	30°



OSRAM Opto Semiconductors		94
LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	44.0 + 9.0° / 62.0 + 25.0°	
Efficiency	93 %	
Peak intensity	5.6 cd/lm	
LEDs/each optic	1	
Light colour	White	g. <u>320</u> s
Required components	:	
		90° 10° 10° 30°
OSRAM Opto Semiconductors		90 ⁴ 99
LED	OSLON Square EC	
FWHM / FWTM	Asymmetric	75
Efficiency	92 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	87
Required components	:	
		304
		15 ⁵
SAMSU	NG	50° 50'
LED	LH351C	
FWHM / FWTM	Asymmetric	
Efficiency	93 %	60 ¹
Peak intensity	4.4 cd/lm	
LEDs/each optic	1	
Light colour	White	er de
Required components	:	
		30* 30



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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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LEDiL Oy

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