

PRODUCT DATASHEET CA13498_EMILY-WWW

EMILY-WWW

 ${\sim}60^\circ$ wide beam. 13.43 mm high lens. Modified version to fit CREE XM-L LEDs.

SPECIFICATION:

Dimensions	Ø 26.0 mm
Height	13.4 mm
Fastening	tape
ROHS compliant	yes 🛈



MATERIALS:

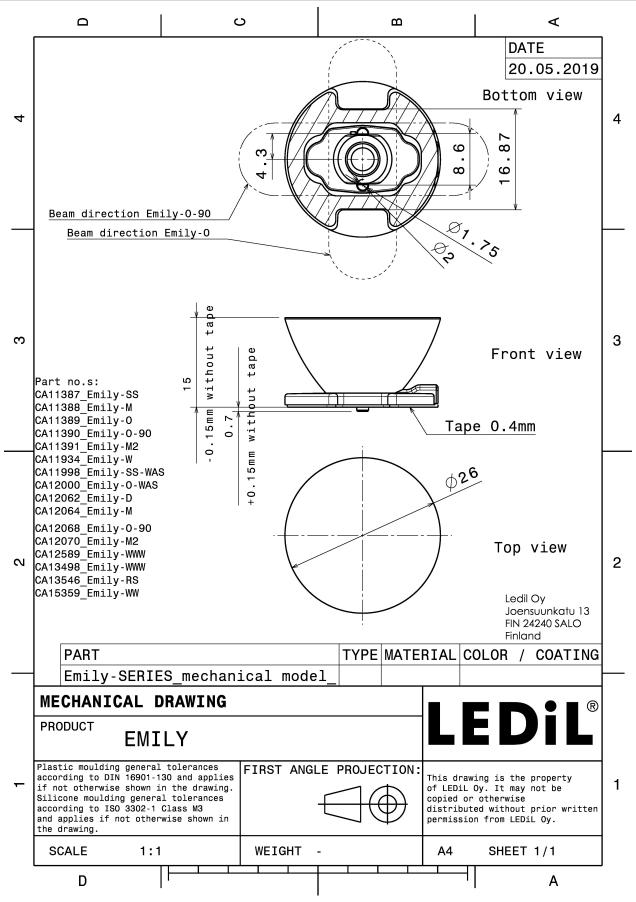
Component	Туре	Material	Colour	Finish
EMILY-WWW	Single lens	PMMA	clear	
SPUTNIK-TAPE	Таре	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13498_EMILY-WWW	Single lens	1690	260	130	8.9
» Box size: 480 x 280 x 300 mm					



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



OPTICAL RESULTS (MEASURED):

	1	50 ⁺
LED	- XHP35 HD	
FWHM / FWTM	70.0° / 101.0°	75"
Efficiency	84 %	200
Peak intensity	0.7 cd/lm	60°
LEDs/each optic	1	
Light colour	' White	400 63*
Required componer		\mathbb{N}
	10.	
		660
		36° 15° 0° 35° 36°
	1	90* 50*
LED	XM-L	
FWHM / FWTM	70.0° / 98.0°	75
Efficiency	90 %	200 Aug
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	400
Light colour	White	45*
Required componer	nts:	
		30"
		15° 0° 15°
		90 ⁺ 90 ⁺
	XM-L2	90 ³
		<u>30'</u> 75' 75'
LED	XM-L2	904 250 260 260 260 260 260
LED FWHM / FWTM	XM-L2 70.0° / 102.0°	500 500 500 500 500 500 500 500 500 500
LED FWHM / FWTM Efficiency	XM-L2 70.0° / 102.0° 88 %	99* 94* 79* 69* 60* 60*
LED FWHM / FWTM Efficiency Peak intensity	XM-L2 70.0° / 102.0° 88 % 0.7 cd/lm	99* 92* 73* 200 90* 60* 60* 65*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XM-L2 70.0° / 102.0° 88 % 0.7 cd/m 1 White	95°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XM-L2 70.0° / 102.0° 88 % 0.7 cd/m 1 White	60 60 60 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XM-L2 70.0° / 102.0° 88 % 0.7 cd/m 1 White	99 ⁴ 99 ⁴ 99 ⁴ 99 ⁴ 80 ⁶ 80 ⁶ 80 ⁶
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XM-L2 70.0° / 102.0° 88 % 0.7 cd/m 1 White	200 201 201 201 201 201 201 201
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	XM-L2 70.0° / 102.0° 88 % 0.7 cd/lm 1 White hts:	25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	XM-L2 70.0° / 102.0° 88 % 0.7 cd/m 1 White hts:	200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	XM-L2 70.0° / 102.0° 88 % 0.7 cd/lm 1 White hts:	200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component CREE LED LED FWHM / FWTM	XM-L2 70.0° / 102.0° 88 % 0.7 cd/lm 1 White hts: XP-G3 64.0° / 96.0°	30, 30, 30, 32, 90, 30, 33, 90, 90, 33, 90, 90, 33, 90, 90, 33, 90, 90, 33, 90, 90, 33, 90, 90,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM / FWTM Efficiency	XM-L2 70.0° / 102.0° 88 % 0.7 cd/lm 1 White hts: XP-G3 64.0° / 96.0° 93 %	30, 30, 30, 32, 90, 30, 33, 90, 90, 33, 90, 90, 33, 90, 90, 33, 90, 90, 33, 90, 90, 33, 90, 90,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM / FWTM Efficiency Peak intensity	XM-L2 70.0° / 102.0° 88 % 0.7 cd/lm 1 White hts: XP-G3 64.0° / 96.0° 93 % 0.8 cd/lm	30. 30. 33. 30. 33. 30. 33. 30.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XM-L2 70.0° / 102.0° 88 % 0.7 cd/lm 1 White hts: XP-G3 64.0° / 96.0° 93 % 0.8 cd/lm 1	30. 30. 33. 30. 33. 30. 33. 30.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component ELED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XM-L2 70.0° / 102.0° 88 % 0.7 cd/lm 1 White hts: XP-G3 64.0° / 96.0° 93 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XM-L2 70.0° / 102.0° 88 % 0.7 cd/lm 1 White hts: XP-G3 64.0° / 96.0° 93 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component ELED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XM-L2 70.0° / 102.0° 88 % 0.7 cd/lm 1 White hts: XP-G3 64.0° / 96.0° 93 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component ELED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XM-L2 70.0° / 102.0° 88 % 0.7 cd/lm 1 White hts: XP-G3 64.0° / 96.0° 93 % 0.8 cd/lm 1 White	



OPTICAL RESULTS (MEASURED):

IED XP-L HD FWHM / FWTM 66.0° / 103.0° Efficiency 83 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components: **	90
FWHM / FWTM 66.0° / 103.0° Efficiency 83 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components: ************************************	20 40 50
FWHM / FWTM 66.0° / 103.0° Efficiency 83 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components: ************************************	20 40 40 40 40 40 40 40 40 40 40 40 40 40
Efficiency 83 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:	60
Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:	
LEDs/each optic 1 Light colour White Required components:	65
Light colour White Required components:	30,
Required components:	3.5
	36
	36
	30
	5
	90*
LED XP-L HI	25'
FWHM / FWTM 67.0° / 93.0°	
Efficiency 88 %	60'
Peak intensity 0.8 cd/lm	$ \land $
LEDs/each optic 1	
Light colour White	65
Required components:	\mathbb{K}
	- X
20° sig	30
	90
LED NVSW219F	
FWHM / FWTM 71.0° / 100.0°	75'
Efficiency 91 %	
Peak intensity 0.7 cd/lm	60.
LEDs/each optic 1	
Light colour White	1 20
Required components:	
	IT
	J.
	50 361
	57 367
	5' 36'
SEQUESEMENDADUCTOR LED Z8Y22P	12°
SEOUL SEMICONDUCTOR LED Z8Y22P FWHM / FWTM 58.0° / 90.0°	<u>5.</u> <u>5.</u> <u>6.</u>
SEQUE SEMICONDUCTOR LED Z8Y22P FWHM / FWTM 58.0° / 90.0° Efficiency 88 %	5°
SEQUENCIES SEQUESTION LED Z8Y22P FWHM / FWTM 58.0° / 90.0° Efficiency 88 % Peak intensity 0.9 cd/lm	5
SEQUENCE SERVICE OF THE SECOND CTOR LED Z8Y22P FWHM / FWTM 58.0° / 90.0° Efficiency 88 % Peak intensity 0.9 cd/lm LEDs/each optic 1	27 30 30 30 30 40 40
SEQUE SEMECONDUCTOR LED Z8Y22P FWHM / FWTM 58.0° / 90.0° Efficiency 88 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White	
SEQUENCE SERVICE OF THE SECOND CTOR LED Z8Y22P FWHM / FWTM 58.0° / 90.0° Efficiency 88 % Peak intensity 0.9 cd/lm LEDs/each optic 1	5-
SEQUE SEMECONDUCTOR LED Z8Y22P FWHM / FWTM 58.0° / 90.0° Efficiency 88 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White	5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5
SEQUE SEMECONDUCTOR LED Z8Y22P FWHM / FWTM 58.0° / 90.0° Efficiency 88 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White	25 25 25 25 25 25 25 25 25



OPTICAL RESULTS (SIMULATED):

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-L2 74.0° / 102.0° 94 % 0.7 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
)S	90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON MZ 64.0° / 91.0° 96 % 1 cd/lm 1 White	102, 104, 172, 30, 1000 62, 900 64, 900 10, 20, 20, 20, 20, 20, 20, 20, 20, 20, 2
Μ ΝΙCΗΙΛ		90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NV4WB35AM 66.0° / 92.0° 96 % 0.9 cd/lm 1 White	30. 10. 10. 10. 10. 10. 10. 10. 1



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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