

PRODUCT DATASHEET CA12062_EMILY-D

EMILY-D

~11° diffused spot beam. 14.74 mm high lens.

SPECIFICATION:

Dimensions	Ø 26.0 mm
Height	14.7 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



MATERIALS:

Component EMILY-D SPUTNIK-TAPE **Type** Single lens Tape

Material	Colour	Finish
PMMA	clear	
Acrylic foam	black	

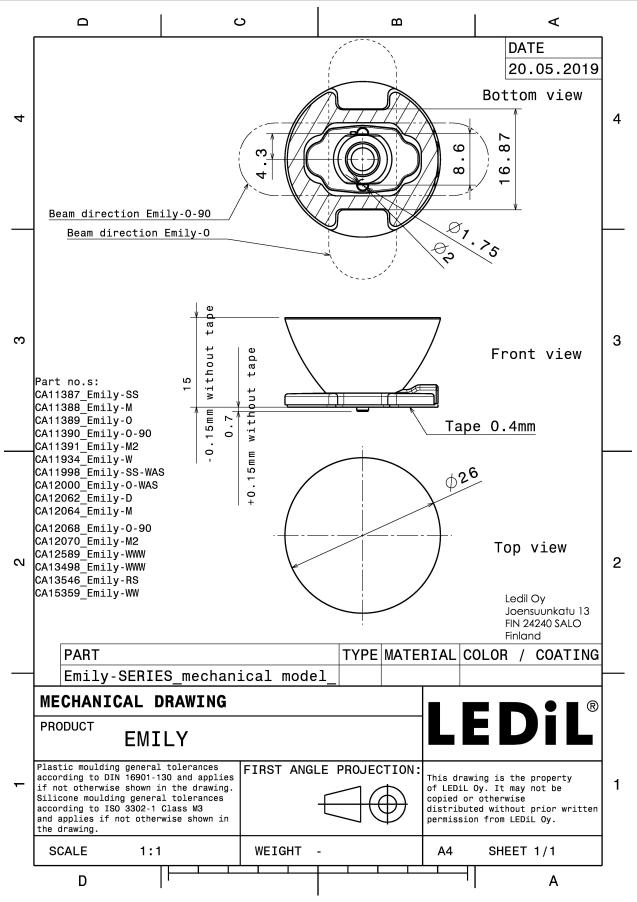
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12062_EMILY-D	Single lens	1690	260	130	10.5
» Box size: 480 x 280 x 300 mm					

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



ODEE A VIET		
		50*
LED	ХВ-Н	
FWHM / FWTM	10.0° / 22.0°	75
Efficiency	89 %	
Peak intensity	17.5 cd/lm	60° 600 600
LEDs/each optic	1	
Light colour	White	ar ar
Required compone		
		30"
		139 ¹ 14800 159
		90*
LED	XD16	75
FWHM / FWTM	8.0° / 18.0°	
Efficiency	92 %	eo. 600
Peak intensity	18.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
		30* <u>15000</u> 30*
		90 ⁴ A 99 ⁰
LED	XHP35 HI	
FWHM / FWTM	11.0° / 22.0°	75
Efficiency	92 %	
Peak intensity	14.5 cd/lm	
LEDs/each optic	1	
Light colour	White	a ¹ a
Light colour Required compone		e
Light colour Required compone		g
		σ. 309 1000
		o. 900 300 300
Required compone	nts:	137 14km 157
Required compone	nts:	197
Required compone	XM-L	197
Required compone	XM-L 14.0° / 27.0°	15 ¹ 14 ¹ / ₁ 00
Required compone	XM-L 14.0° / 27.0° 90 %	15 ¹ 14 ¹ / ₁ 00
Required compone	XM-L 14.0° / 27.0° 90 % 10.1 cd/lm	15 ¹ 14 ¹ / ₁ 00
Required compone	XM-L 14.0° / 27.0° 90 % 10.1 cd/lm 1	15 ¹ 14 ¹ / ₁ 00
Required compone	XM-L 14.0° / 27.0° 90 % 10.1 cd/lm 1 White	197
Required compone	XM-L 14.0° / 27.0° 90 % 10.1 cd/lm 1 White	
Required compone	XM-L 14.0° / 27.0° 90 % 10.1 cd/lm 1 White	
Required compone	XM-L 14.0° / 27.0° 90 % 10.1 cd/lm 1 White	
Required compone	XM-L 14.0° / 27.0° 90 % 10.1 cd/lm 1 White	



		90* 90*
LED	XM-L2	
FWHM / FWTM	14.0° / 27.0°	75*
Efficiency	90 %	3200
Peak intensity	10.2 cd/lm	60 ¹
LEDs/each optic	1	
Light colour	White	95* 6130 65*
Required componen		
		9609
		30-
		15° of 25°
		90* 90*
LED	XP-E2	
FWHM / FWTM	8.0° / 18.0°	75° 75°
Efficiency	87 %	60 ⁴
Peak intensity	27.3 cd/lm	$\mathbf{K} \longrightarrow (1) \longrightarrow 7$
LEDs/each optic	1	
Light colour	White	g* 63*
Required componen	its:	LECON
		300
		15% 0% 15%
		89°
LED	XP-G2	8°- 97- 97- 97- 97- 97- 97- 97- 97- 97- 97
	XP-G2 10.0° / 20.0°	32. 35. 90. 90. 132. 60.
LED FWHM / FWTM Efficiency	XP-G2 10.0° / 20.0° 90 %	101 000 001 101 000 000 101 000 000 101 000 101 000 101 00 101 00 100 1
LED FWHM / FWTM Efficiency Peak intensity	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm	80 80 80 80 80 80 80 80 80 80 80 80 80 8
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1	77 57 50 60 60 60 60 60 60 60 75
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1 White	2. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1 White	77 77 77 77 77
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1 White	77 77 77 77 77
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1 White	77 77 77 77 77
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1 White	77 77 77 77 77
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1 White tts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1 White tts:	34. 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1 White tts: XP-G3	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1 White tts: XP-G3 11.0° / 24.0°	30. 30. 30. 30. 1000 10. 30. 1000 60. 60. 60. 60.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1 White tts: XP-G3 11.0° / 24.0° 94 %	99 ⁴ 99
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen Required componen LED FWHM / FWTM Efficiency Peak intensity	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1 White tts: XP-G3 11.0° / 24.0° 94 % 13 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1 White Its: XP-G3 11.0° / 24.0° 94 % 13 cd/lm 1	
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	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1 White tts: XP-G3 11.0° / 24.0° 94 % 13 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	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1 White tts: XP-G3 11.0° / 24.0° 94 % 13 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	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1 White tts: XP-G3 11.0° / 24.0° 94 % 13 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	XP-G2 10.0° / 20.0° 90 % 20.8 cd/lm 1 White tts: XP-G3 11.0° / 24.0° 94 % 13 cd/lm 1 White	



		90° 90°
LED	XP-L HD	
FWHM / FWTM	13.0° / 26.0°	73.
Efficiency	90 %	3200
Peak intensity	10.2 cd/lm	60.0
LEDs/each optic	1	
Light colour	White	93 ⁴ 6430
Required compone		
		125 00 329
		90* 90*
LED	XP-L HI	75*
FWHM / FWTM	9.0° / 19.0°	
Efficiency	87 %	5403 5403 5403
Peak intensity	20 cd/lm	
LEDs/each optic	1	
Light colour	White	95 ² (12800) 43*
Required compone	nts:	
		36-
		1357 0, 35*
LED	TT-E	
FWHM / FWTM	9.0°	
Efficiency	%	
Peak intensity	14 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
UMIL	EDS	
LED	LUXEON A	
FWHM / FWTM	11.0°	
Efficiency	91 %	
LEDs/each optic	1	
Light colour	White	
Required compone		



UMIL	EDS	99°
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone	LUXEON Rebel ES 10.0° 91 % 1 White nts:	22, 6, 12, 25, 25, 25, 25, 25, 25, 25, 25, 25, 2
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NS9x383 14.0° / 30.0° 90 % 7.9 cd/lm 1 White	34. 60. 61. 62. 60. 60. 60. 60. 60. 60. 60. 60
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON Square EC 9.0° / 20.0° 86 % 20.1 cd/lm 1 White nts:	
SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LH351B 12.0° / 25.0° 88 % 14 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20



SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LH351Z 10.0° / 21.0° 88 % 20 cd/lm 1 White	
seoul SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z5M1/Z5M2 10.0° / 20.0° 94 % 18.2 cd/lm 1 White nts:	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z8Y22P 11.0° / 24.0° 93 % 11.3 cd/lm 1 White nts:	



CREE LED	XM-L HVW 14.0° / 27.0° % 1 White	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
		90* 90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G2 HE 12.0° / 24.0° 95 % 15.2 cd/lm 1 White	75 77 77 77 77 77 77 77 77 77 77 77 77 7
<i>(</i>)		135 ¹ 0 ⁰ 25°
EUMILEC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2X 12.0° / 24.0° 96 % 14.7 cd/lm 1 White	201 201 201 201 201 201 201 201
)5	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2Z 10.0° / 22.0° 96 % 18.9 cd/lm 1 White	9° 79 60 60 60 60 60 60 60 60 60 60 60 60 60



	DS		50*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON MZ 14.0° / 28.0° 95 % 10.7 cd/lm 1 White		25 60 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
	DS		50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Z ES 9.0° / 18.0° 96 % 28.4 cd/lm 1 White		77 600 600 600 600 600 600 600 600
<i>N</i>			36 ⁴ 15 ⁵ 0 ⁶ 15 ⁵
WICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NCSxE17A 16.0° / 34.0° 89 % 6.3 cd/lm 4 White	300,0 → Coordinate value	.0
			30° 650 15° 0° 15°
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NCSxE17A 10.0° / 20.0° 93 % 21.8 cd/lm 1 White		5° 66° 5° 60°



ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSxE21A 10.0° / 22.0° 94 % 18.6 cd/lm 1 White	20 00 12 0 21 00 0 22 0 23 0 25
OSRAM Opto Semiconductors		90° 90°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ C 2424 10.0° / 18.0° 96 % 24.8 cd/lm 1 White	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON Square CSSRM2/CSSRM3 9.9° / 20.0° 94 % 22.5 cd/lm 1 White	50
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	SFH 4725AS 11.0° / 22.0° 95 % 1 IR	20° 4° 10° 20° 9° 20° 9°



SEOUL SEOUL SEMICONDUCTOR		90 ⁴ A 90 ⁴
LED	Z5M4	71 71
FWHM / FWTM	12.0° / 24.0°	27
Efficiency	96 %	
Peak intensity	15.1 cd/lm	600
LEDs/each optic	1	
Light colour	White	erer
Required component	S:	
		15° 15° 15° 15°



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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