

PRODUCT DATASHEET C16507_LILIAN-ON

LILIAN-ON

~10° + 80° beam for wall grazing

SPECIFICATION:

Dimensions	286.4 x 27.0 mm
Height	14.8 mm
ROHS compliant	yes 🛈



MATERIALS:

Component LILIAN-ON

Type Linear lens

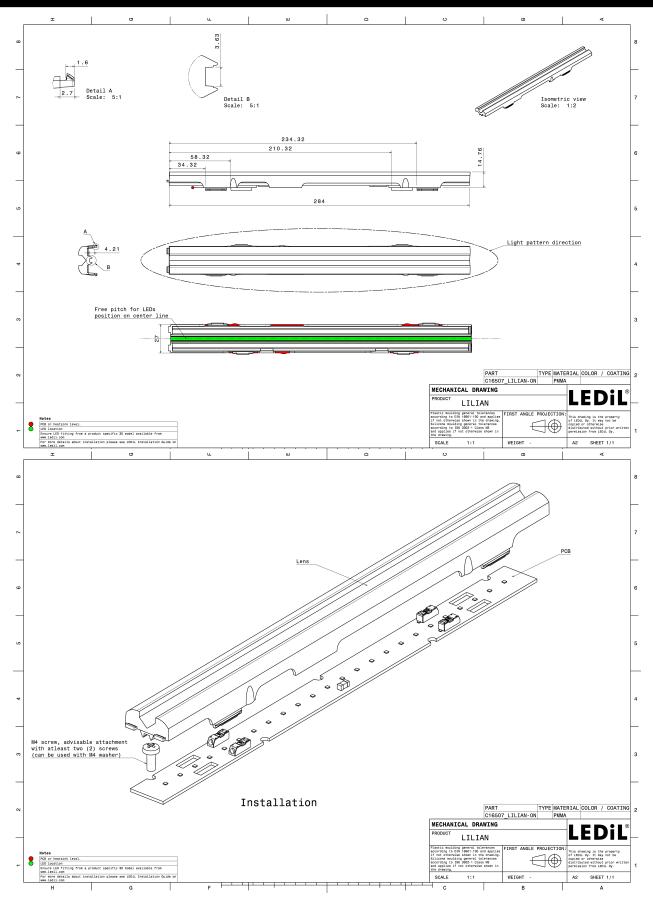
Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

Component	
C16507_LILIAN-ON	
» Box size: 400 x 300 x 160 mm	

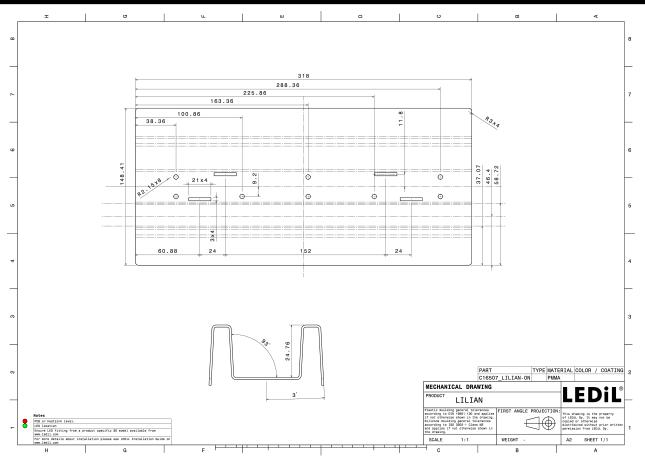
Qty in box	MOQ	MPQ	Box weight (kg)
84	84	14	4.3

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

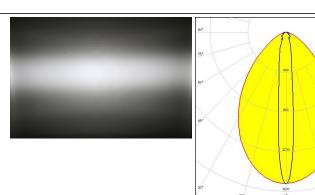


OPTICAL RESULTS (MEASURED):

ΜΝΙCΗΙΛ

LED
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour
Required compone

NCSxE17A 76.0 + 12.0° / 125.0 + 41.0° 80 % 1.5 cd/lm 1 White ents:





		90°
LED	XD16	<u>7</u>
FWHM / FWTM	64.0 + 12.0° / 117.0 + 46.0°	73.
Efficiency	87 %	
Peak intensity	1.2 cd/lm	60 ⁺
LEDs/each optic	1 White	454
Light colour Required components:	White	
Required components.		
		30° 15° 0° 15°
		90° 90°
LED	XM-L	
FWHM / FWTM	76.0 + 18.0° / 118.0 + 54.0°	73*
Efficiency	86 %	
Peak intensity	1.1 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	RGBW	45*
Required components:	Kebw	
Required components.		
		36° 1200 36° 36°
1		15° 0° 15°
CREE ÷		90° 90 ¹ 90°
	XP.E	
LED	XP-E 57.0 + 11.0° / 106.0 + 34.0°	
LED FWHM / FWTM	57.0 + 11.0° / 106.0 + 34.0°	
LED FWHM / FWTM Efficiency	57.0 + 11.0° / 106.0 + 34.0° 88 %	
LED FWHM / FWTM Efficiency Peak intensity	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm	9° 9° 9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm 1	9° 9° 9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm 1	9° 9° 9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm 1	9° 9° 9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm 1	94 94 94 95 95
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm 1	9° 9° 9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm 1 White XP-G	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm 1 White XP-G 66.0 + 11.0° / 112.0 + 36.0°	No. No. No. No.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm 1 White XP-G 66.0 + 11.0° / 112.0 + 36.0° 87 %	No. No. No. No.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE ED FWHM / FWTM Efficiency Peak intensity	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm 1 White XP-G 66.0 + 11.0° / 112.0 + 36.0° 87 % 1.6 cd/lm	No. No. No. No.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm 1 White XP-G 66.0 + 11.0° / 112.0 + 36.0° 87 % 1.6 cd/lm 1	No. No. No. No.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm 1 White XP-G 66.0 + 11.0° / 112.0 + 36.0° 87 % 1.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm 1 White XP-G 66.0 + 11.0° / 112.0 + 36.0° 87 % 1.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm 1 White XP-G 66.0 + 11.0° / 112.0 + 36.0° 87 % 1.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	57.0 + 11.0° / 106.0 + 34.0° 88 % 2.1 cd/lm 1 White XP-G 66.0 + 11.0° / 112.0 + 36.0° 87 % 1.6 cd/lm 1	



		90° 90°
LED	XP-G2	
FWHM / FWTM	70.0 + 12.0° / 115.0 + 40.0°	77.
Efficiency	88 %	400
Peak intensity	1.6 cd/lm	60 ¹
LEDs/each optic	1	
Light colour	White	43. 43.
Required components:		
		30* 30*
	5	90* 90*
LED	LUXEON 2835 Line	73. 75.
FWHM / FWTM	72.0 + 12.0° / 118.0 + 32.0°	
Efficiency	90 %	50° 60°
Peak intensity	2 cd/lm	
LEDs/each optic		
Light colour	RGBW	
Required components:		
		1000
		30° 15° 0° 15°
)S	90° 90°
LED		
	LUXEON 3030 2D (Square LES)	
FWHM / FWTM	LUXEON 3030 2D (Square LES) 72.0 + 18.0° / 118.0 + 58.0°	75
		3 ¹
FWHM / FWTM Efficiency	72.0 + 18.0° / 118.0 + 58.0°	60 ¹
FWHM / FWTM Efficiency Peak intensity	72.0 + 18.0° / 118.0 + 58.0° 87 %	60°
FWHM / FWTM Efficiency	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm	di. 64. 32. 23.
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1	a . a . a . a .
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1	g g g g g g g g g g g g g g g g g g g
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1	g g g g
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1	3. 5. 60 60 72 72 72
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1 White	30. 30. 30. 30. 30. 400 60. 400 60.
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1 White UXEON 5050 Round LES	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1 White UXEON 5050 Round LES 70.0 + 18.0° / 118.0 + 58.0°	21. 21. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1 White	21. 21. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1 White UXEON 5050 Round LES 70.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm	21. 21. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: With Components: Composed State Composed State	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1 White UXEON 5050 Round LES 70.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: EVALUATED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1 White UXEON 5050 Round LES 70.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm	21. 21. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1 White UXEON 5050 Round LES 70.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: EVALUATED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1 White UXEON 5050 Round LES 70.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WIM / EVTM Efficiency Peak intensity LEDs/each optic Light colour	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1 White UXEON 5050 Round LES 70.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WIM / EVTM Efficiency Peak intensity LEDs/each optic Light colour	72.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1 White UXEON 5050 Round LES 70.0 + 18.0° / 118.0 + 58.0° 87 % 1 cd/lm 1	



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON CZ 72.0 + 9.0° / 118.0 + 31.0° 91 % 2.4 cd/lm 1 RGBW	5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NF2x757G 76.0 + 16.0° / 118.0 + 32.0° 87 % 1.7 cd/lm 1 White	39* 59* 59* 59* 50* 50* 50* 50* 50* 50* 50* 50
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NFSx757G 68.0 + 12.0° / 114.0 + 30.0° 88 % 2.1 cd/lm 1 White	50 50 50 50 50 50 50 50 50 50 50 50 50 5
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Duris S5 (Single chip) 66.0 + 12.0° / 114.0 + 47.0° 87 % 1.4 cd/lm 1 White	







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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

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc. 228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

Local sales and technical support www.ledil.com/ where_to_buy

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