

CLAUDIA-60

60° wide beam

SPECIFICATION:

Dimensions	279.4 x 29.3 mm
Height	9.6 mm
ROHS compliant	yes 🛈





MATERIALS:

Component CLAUDIA-60

Type Linear lens

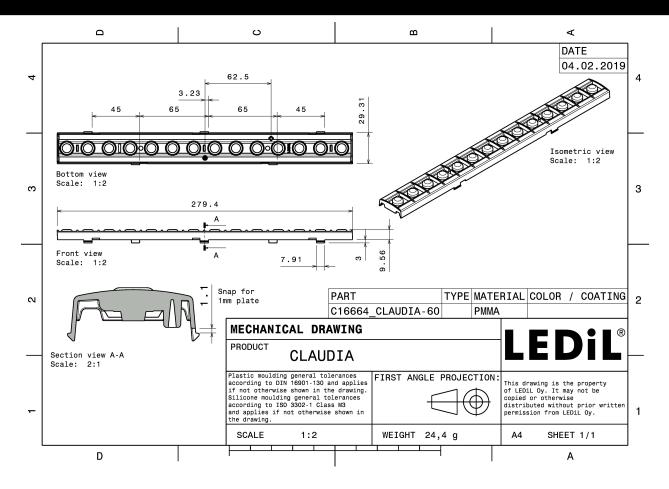
Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

Component C16664_CLAUDIA-60 » Box size: 400 x 300 x 300 mm

Qty in box	MOQ	MPQ	Box weight (kg)
216	96	12	6.4

PRODUCT DATASHEET C16664_CLAUDIA-60



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



OPTICAL RESULTS (MEASURED):

CREE J Series 2835 LED J Series 2835 FWHM / FWTM 54.0° / 76.0° Efficiency 93 % Peak intensity 1.1 cd/lm LEDs/each optic 2 Light colour White Required components: **	90*
LEDJ Series 2835FWHM / FWTM54.0° / 76.0°Efficiency93 %Peak intensity1.1 cd/lmLEDs/each optic2Light colourWhite	
FWHM / FWTM 54.0° / 76.0° Efficiency 93 % Peak intensity 1.1 cd/lm LEDs/each optic 2 Light colour White	
Peak intensity 1.1 cd/lm LEDs/each optic 2 Light colour White	
LEDs/each optic 2 Light colour White	
LEDs/each optic 2 Light colour White	400
Light colour White	
	900 1230 0 ² 125" 30"
	90*
LED LUXEON 3030 2D (Square LES)	
FWHM / FWTM 50.0° / 73.0°	75.
Efficiency 89 %	
Peak intensity 1.2 cd/lm	
LEDs/each optic 2	
Light colour White	
Required components:	800
34- 15 ⁻	1570 0 ¹ 157
MST Vour solutions	90*
LED LinLED 280x26mm 1300lm 840 2C 42V Opt G1	
FWHM / FWTM 55.0° / 73.0°	
Efficiency 93 %	400 60%
Peak intensity 1.2 cd/lm	$/$ / \land \land \land
LEDs/each optic 1	
Light colour White	e2.
Required components:	00 1200 0 ⁴ 25 ⁵
	900
LED NF2x757G	
FWHM / FWTM 55.0° / 76.0°	
Efficiency 92 %	
Peak intensity 1.1 cd/lm	400
LEDs/each optic 1	
Light colour White	
Required components:	100 12° 3°



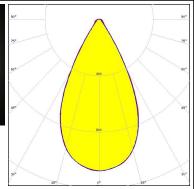
OPTICAL RESULTS (MEASURED):

OSRAM

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

Duris S5 (2 chip) 55.0° / 78.0° 92 % 1.1 cd/lm 2 White ents:







OPTICAL RESULTS (SIMULATED):

		50* 50*
LED	J Series 2835	
FWHM / FWTM	45.0° / 67.0°	73* 75*
Efficiency	94 %	400
Peak intensity	1.6 cd/lm	60°
LEDs/each optic	1	
Light colour	u White	45*
Required components:	White	
Required components.		1230
		30° 35° 35°
)S	90* 90*
LED	LUXEON 2835 Line	
FWHM / FWTM	47.0° / 69.0°	73'
Efficiency	94 %	-400
Peak intensity	1.5 cd/lm	60°
LEDs/each optic	1	
Light colour	White	45*
Required components:	Wille	
Required components.		1230
		30°
		30 1500 30 15° 0° 15°
ØΝΙCΗΙΛ		
	NFMW48xA	
	NFMW48xA 54.0° / 74.0°	
LED		
LED FWHM / FWTM Efficiency	54.0° / 74.0°	
LED FWHM / FWTM Efficiency Peak intensity	54.0° / 74.0° 93 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	54.0° / 74.0° 93 % 1.2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity	54.0° / 74.0° 93 % 1.2 cd/lm 1	150 100 10° 10° 10° 10° 10° 10° 10° 10° 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	54.0° / 74.0° 93 % 1.2 cd/lm 1	150 100 10° 10° 10° 10° 10° 10° 10° 10° 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	54.0° / 74.0° 93 % 1.2 cd/lm 1	150 100 10° 10° 10° 10° 10° 10° 10° 10° 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	54.0° / 74.0° 93 % 1.2 cd/lm 1	25 25 25 25 25 25 25 25 25 25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 74.0° 93 % 1.2 cd/lm 1	150 100 10° 10° 10° 10° 10° 10° 10° 10° 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	54.0° / 74.0° 93 % 1.2 cd/lm 1	150 100 10° 10° 10° 10° 10° 10° 10° 10° 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 74.0° 93 % 1.2 cd/lm 1	Bay Bay Bay
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 74.0° 93 % 1.2 cd/lm 1 White	22 23 24 24 25 26 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 74.0° 93 % 1.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	54.0° / 74.0° 93 % 1.2 cd/lm 1 White Duris E 2835 48.0° / 69.0° 94 %	22 23 24 24 25 26 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 74.0° 93 % 1.2 cd/lm 1 White Duris E 2835 48.0° / 69.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	54.0° / 74.0° 93 % 1.2 cd/lm 1 White Duris E 2835 48.0° / 69.0° 94 % 1.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Corb Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	54.0° / 74.0° 93 % 1.2 cd/lm 1 White Duris E 2835 48.0° / 69.0° 94 % 1.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Corb Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	54.0° / 74.0° 93 % 1.2 cd/lm 1 White Duris E 2835 48.0° / 69.0° 94 % 1.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 74.0° 93 % 1.2 cd/lm 1 White Duris E 2835 48.0° / 69.0° 94 % 1.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 74.0° 93 % 1.2 cd/lm 1 White Duris E 2835 48.0° / 69.0° 94 % 1.5 cd/lm 1	



OPTICAL RESULTS (SIMULATED):

OSRAM		90° 90°
Opto Semiconductors	Duris S8	
FWHM / FWTM	55.0° / 74.0°	75°
Efficiency	92 %	
Peak intensity	1.2 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	5° 5°
Required components:	wine	
required components.		
		1200
		15° 0° 15° 36°
SAMSUN	IG	90°
LED	LM28xB Series	
FWHM / FWTM	54.0° / 73.0°	
Efficiency	93 %	400
Peak intensity	1.3 cd/lm	
LEDs/each optic	2	
Light colour	White	95 ² 8%0
Required components:		
		304 320 340
0.0.0.0.0.0		
SAMSUN	IG	90* 90*
LED	LM28xB Series	
FWHM / FWTM	44.0° / 66.0°	73°
Efficiency	94 %	60° 60°
Peak intensity	1.7 cd/lm	
LEDs/each optic	1	
Light colour	White	95°
Required components:		
		1230
		229
		- 129
		100 100 100
		34 ⁴ 15 ⁹ 6 ⁴ 15 ⁴ 36
SAMSUN		200 200 200 200 200 200 200 200 200 200
LED	LM28xB Series	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM	LM28xB Series 68.0° / 86.0°	25 26 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency	LM28xB Series 68.0° / 86.0° 84 %	61- 22- 24- 25- 26- 25- 25- 25- 25- 25- 25- 25- 25- 25- 25
LED FWHM / FWTM Efficiency Peak intensity	LM28xB Series 68.0° / 86.0° 84 % 0.6 cd/lm	50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LM28xB Series 68.0° / 86.0° 84 % 0.6 cd/lm 4	200 - 200 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 68.0° / 86.0° 84 % 0.6 cd/lm	gr 200 200 200 200 200 200 200 200 200 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LM28xB Series 68.0° / 86.0° 84 % 0.6 cd/lm 4	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 68.0° / 86.0° 84 % 0.6 cd/lm 4	5130 5130 514 515 515 515 515 515 515 515
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 68.0° / 86.0° 84 % 0.6 cd/lm 4	500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 68.0° / 86.0° 84 % 0.6 cd/lm 4	



OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR		<u>90*</u> <u>90*</u>
LED	SEOUL DC 3528	75*
FWHM / FWTM	49.0° / 70.0°	
Efficiency	94 %	60* 60*
Peak intensity	1.5 cd/lm	
LEDs/each optic	1	
Light colour	White	9° (1
Required components:		200 Jan 100 Jan 100



PRODUCT DATASHEET C16664_CLAUDIA-60

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

Shipping locations Salo, Finland Hong Kong, China

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