

CLAUDIA-60

60° wide beam

TECHNICAL SPECIFICATIONS:

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



MATERIAL SPECIFICATIONS:

Component CLAUDIA-60 **Type** Linear lens

Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

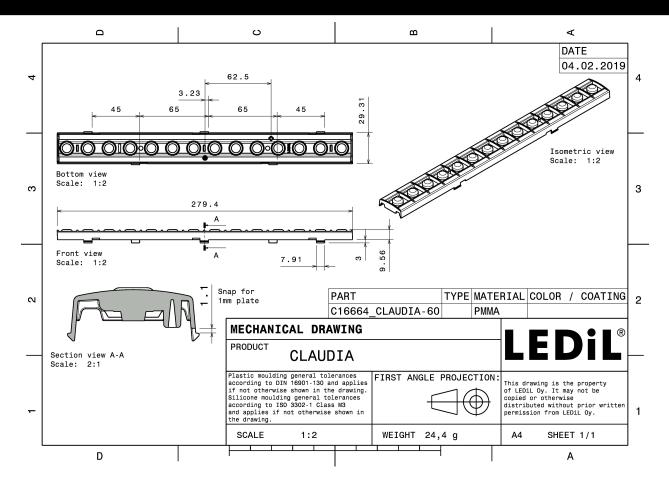
Component C16664_CLAUDIA-60 » Box size: 400 x 300 x 300 mm

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

PRODUCT DATASHEET C16664_CLAUDIA-60

Last update: 14/10/2021Subject to change without prior noticePublished: 05/11/2018LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.1/8

PRODUCT DATASHEET C16664_CLAUDIA-60



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



PHOTOMETRIC DATA (MEASURED):

			90 ⁴ 90 ⁶
LED	J Series 2835		
FWHM / FWTM	54.0° / 76.0°		75"
Efficiency	93 %		
Peak intensity	1.1 cd/lm		60° 60°
LEDs/each optic	2		
Light colour	White		gr
Required compone			200
			34
			30° 1230 30° 30°
COMIL	EDS		50* 50*
LED	LUXEON 3030 2D (Square LES)		
FWHM / FWTM	50.0° / 73.0°		75'
Efficiency	89 %		
Peak intensity	1.2 cd/lm		60° - 60°
LEDs/each optic	2		
Light colour	White		5°
Required compone			
rioquirou compone			
			36* <u>1250</u> 36* 36*
MST Your solu	ions		50* 50*
LED	LinLED 280x26mm 1300lm 840 2C 42V Opt G1	and the second sec	
FWHM / FWTM	55.0° / 73.0°		73.
Efficiency	93 %		
Peak intensity	1.2 cd/lm		60 ²
LEDs/each optic	1		
Light colour	White		43°
Required compone			
			30* 1200 30*
			15° 0° 15°
ØNICHI/			90°
LED FWHM / FWTM	NF2x757G		75
LED FWHM / FWTM			
LED FWHM / FWTM Efficiency	NF2x757G 55.0° / 76.0°		60° - 400 - 60°
LED FWHM / FWTM Efficiency Peak intensity	NF2x757G 55.0° / 76.0° 92 %		25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NF2x757G 55.0° / 76.0° 92 % 1.1 cd/lm 1		6 ¹
LED FWHM / FWTM Efficiency Peak intensity	NF2x757G 55.0° / 76.0° 92 % 1.1 cd/lm 1 White		27 - 79 24 - 60 24 - 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NF2x757G 55.0° / 76.0° 92 % 1.1 cd/lm 1 White		6 ¹
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NF2x757G 55.0° / 76.0° 92 % 1.1 cd/lm 1 White		6 ¹
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NF2x757G 55.0° / 76.0° 92 % 1.1 cd/lm 1 White		6 ¹



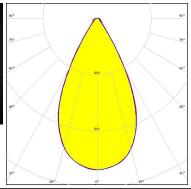
PHOTOMETRIC DATA (MEASURED):

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:







PHOTOMETRIC DATA (SIMULATED):

		50° 30°
LED	J Series 2835	
FWHM / FWTM	45.0° / 67.0°	73.
Efficiency	94 %	
Peak intensity	1.6 cd/lm	50°
LEDs/each optic	1	
Light colour	' White	45*
Required components:	Wilde	
required components.		1200
		30° 30° 35°
)S	90° 90°
LED	LUXEON 2835 Line	
FWHM / FWTM	47.0° / 69.0°	73'
Efficiency	94 %	
Peak intensity	1.5 cd/lm	69* 64*
LEDs/each optic	1	
Light colour	White	gr
Required components:		
rioquirou componento.		1200
		36° 1500 30° 30°
		15 0 15
Μ ΝΙCΗΙΛ		90* 90* 90*
	NFMW48xA	99°
LED	NFMW48xA 54.0° / 74.0°	
LED FWHM / FWTM	54.0° / 74.0°	
LED FWHM / FWTM Efficiency	54.0° / 74.0° 93 %	25° 0° 15° 59° 75° 75° 75° 75° 75° 75° 75° 75
LED FWHM / FWTM Efficiency Peak intensity	54.0° / 74.0° 93 % 1.2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	54.0° / 74.0° 93 % 1.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	54.0° / 74.0° 93 % 1.2 cd/lm	97 97 97 90 90 97
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	54.0° / 74.0° 93 % 1.2 cd/lm 1	97 97 97 90 90 97
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	54.0° / 74.0° 93 % 1.2 cd/lm 1	99 ⁴ 99 ⁴ 73 ⁵ 600 600
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	54.0° / 74.0° 93 % 1.2 cd/lm 1	97 97 97 90 90 97
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 74.0° 93 % 1.2 cd/lm 1	99 ⁴ 99 ⁴ 73 ⁵ 600 600
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	54.0° / 74.0° 93 % 1.2 cd/lm 1	57 57 60 60 77 80 80 77 80 80 77 80 90 77 80 90 80 90 80 90 80 90 80 90 80 90 80 90 80 90 80 90 80 90 80 90 80 90 80 90 80 90 90 90 90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 74.0° 93 % 1.2 cd/lm 1	30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 74.0° 93 % 1.2 cd/lm 1 White	27 27 27 27 27 27 27 27 27 27
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 74.0° 93 % 1.2 cd/lm 1 White	30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30* 30*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	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: OSRAM 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 %	
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	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SOSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	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: COSRAM Opto 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: COSRAM Opto 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: COSRAM Opto 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	



PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors		90° 90°
Opto Semiconductors	Duris S8	
FWHM / FWTM	55.0° / 74.0°	75* 75*
Efficiency	92 %	
Peak intensity	1.2 cd/lm	60 ⁴
LEDs/each optic	1	
Light colour	White	9°
Required components:		800
		310
		15° 0° 15°
SAMSUN	IG	90 ⁴ 90 ⁴
LED	LM28xB Series	210
FWHM / FWTM	68.0° / 86.0°	
Efficiency	84 %	60° 60°
Peak intensity	0.6 cd/lm	
LEDs/each optic	4	
Light colour	White	e
Required components:		400
		36* 34*
1		15° 40 15°
CUNCIN		159 6% 159
SAMSUN		55° 66 15°
LED	LM28xB Series	25° db 15°
LED FWHM / FWTM	LM28xB Series 54.0° / 73.0°	25° 660 15° 25° 55° 55°
LED FWHM / FWTM Efficiency	LM28xB Series 54.0° / 73.0° 93 %	55° 66° 15° 99° 99° 99° 99° 99° 99° 99°
LED FWHM / FWTM Efficiency Peak intensity	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm	55° 66 15° 99° 95° 99° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm 2	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm 2	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm 2	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm 2	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm 2 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm 2 White	200 20 200 20 200 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm 2 White	200 20 200 20 200 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm 2 White IG LM28xB Series	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm 2 White LM28xB Series 44.0° / 66.0°	2 - 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm 2 White LM28xB Series 44.0° / 66.0° 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm 2 White LM28xB Series 44.0° / 66.0° 94 % 1.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm 2 White LM28xB Series 44.0° / 66.0° 94 % 1.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm 2 White LM28xB Series 44.0° / 66.0° 94 % 1.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm 2 White LM28xB Series 44.0° / 66.0° 94 % 1.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm 2 White LM28xB Series 44.0° / 66.0° 94 % 1.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 54.0° / 73.0° 93 % 1.3 cd/lm 2 White LM28xB Series 44.0° / 66.0° 94 % 1.7 cd/lm 1	



PHOTOMETRIC DATA (SIMULATED):

SEOUL SEMICONDUCTOR		90 ⁴ 92 ⁵
LED	SEOUL DC 3528	75
FWHM / FWTM	49.0° / 70.0°	
Efficiency	94 %	601
Peak intensity	1.5 cd/lm	
LEDs/each optic	1	
Light colour	White	er
Required components:		200 20 ⁴ 20 ⁴ 20 ⁴



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:

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