

CLAUDIA-60

60° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions

279.4 x 29.3 mm

Height

Fastening

ROHS compliant

ves 🛈

9.6 mm

MATERIAL SPECIFICATIONS:

Component CLAUDIA-60 **Type** Linear lens



PRODUCT DATASHEET

C16664_CLAUDIA-60

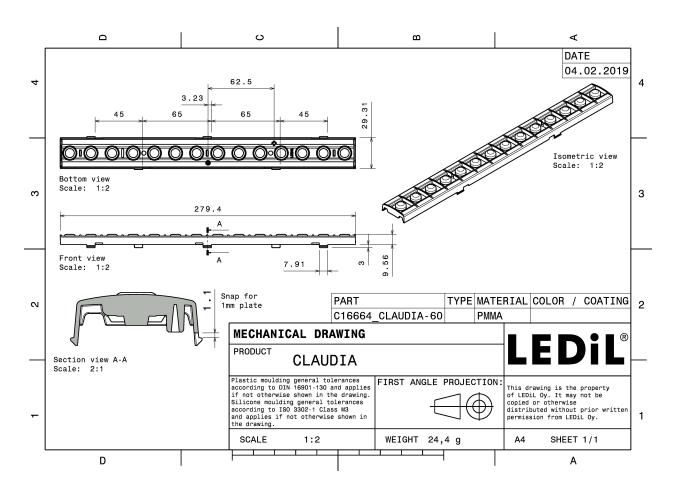
Material PMMA **Colour** clear Finish

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







PHOTOMETRIC DATA (MEASURED):

CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	J Series 2835 54.0° 93 % 1.1 cd/lm 2 White	20° 12° 0° 12° 20° 0° 0° 20° 0° 20° 0° 20° 0° 20° 0°
ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON 3030 2D (Square LES) 50.0° 89 % 1.2 cd/lm 2 White	90° 90° 72° 72° 60° 600 60° 60° 60° 60° 60° 60° 60°
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	



PHOTOMETRIC DATA (SIMULATED):

CREE ≑		50°
LED	J Series 2835	
FWHM	45.0°	75*
Efficiency	94 %	- 400
		60° 60°
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required component	S.	1230
		30° 30° 36°
)S	50° 50°
LED	LUXEON 2835 Line	
FWHM	47.0°	75*
Efficiency	94 %	400
Peak intensity	1.5 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	45* 45*
Required component		
	3.	1200
		30° 1000 30° 30° 15°
ØΝΙCΗΙΛ		30° 100 10° 10° 10° 10° 10° 10° 10° 10° 1
		90° 10° 10° 30°
LED	NF2x757G	99° 99° 99° 99° 99° 99° 99° 99°
LED FWHM	47.0°	50° 10° 10° 50° 50° 50° 50° 50° 50° 50° 50° 50° 5
LED FWHM Efficiency	47.0° 94 %	
LED FWHM Efficiency Peak intensity	47.0° 94 % 1.6 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic	47.0° 94 % 1.6 cd/lm 1	50° 50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	47.0° 94 % 1.6 cd/lm 1 White	99° 10° 10° 10° 10° 10° 10° 10° 10
LED FWHM Efficiency Peak intensity LEDs/each optic	47.0° 94 % 1.6 cd/lm 1 White	20 100 20 30 100 20 30 100 20 30 100 20 30 100 20
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	47.0° 94 % 1.6 cd/lm 1 White	30° 30° 30° 90° 30° 30° 90° 40° 90° 90° 40° 90° 90° 40° 90° 90° 40° 90° 90° 40° 90° 90° 40° 90° 90° 40° 90° 90° 40° 90° 90° 40° 90° 90° 40° 90° 90° 40° 90° 90° 40° 90° 90° 40° 90° 90° 40° 90° 100° 10° 90° 100° 10° 90° 100° 10° 90° 100° 10° 90° 100° 10° 90° 100° 10° 10°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	47.0° 94 % 1.6 cd/lm 1 White	35° 35° 35° 35° 40° 35° 35° 60° 60° 60° 60° 60° 10° 10° 5°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	47.0° 94 % 1.6 cd/lm 1 White	12. 0, 12. 10. 10. 0. 2. 0.0 0. 2. 0.0 0. 2. 0.0 0. 2. 0.0 0. 2. 0.0 0. 2. 0.0 0. 2. 0.0 0.
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	47.0° 94 % 1.6 cd/lm 1 White	30° 10° 30° 30° 10° 10°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	47.0° 94 % 1.6 cd/lm 1 White s:	30. 120. 30. 30. 120. 30. 30. 120. 30. 30. 120. 30. 30. 120. 30. 30. 120. 30.
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	47.0° 94 % 1.6 cd/lm 1 White s:	32. 32. 34. 35. 36. 36. 37. 40. 38. 36. 38. 36.
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	47.0° 94 % 1.6 cd/lm 1 White s: NFMW48xA 54.0°	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	47.0° 94 % 1.6 cd/lm 1 White S: NFMW48xA 54.0° 93 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	47.0° 94 % 1.6 cd/lm 1 White s: NFMW48xA 54.0° 93 % 1.2 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM Efficiency Peak intensity LEDs/each optic	47.0° 94 % 1.6 cd/lm 1 White S: NFMW48xA 54.0° 93 % 1.2 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic Light colour	47.0° 94 % 1.6 cd/lm 1 White S: NFMW48xA 54.0° 93 % 1.2 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM Efficiency Peak intensity LEDs/each optic	47.0° 94 % 1.6 cd/lm 1 White S: NFMW48xA 54.0° 93 % 1.2 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic Light colour	47.0° 94 % 1.6 cd/lm 1 White S: NFMW48xA 54.0° 93 % 1.2 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic Light colour	47.0° 94 % 1.6 cd/lm 1 White S: NFMW48xA 54.0° 93 % 1.2 cd/lm 1 White	



PHOTOMETRIC DATA (SIMULATED):

OCDAM		
OSRAM		90° 90°
Opto Semiconductors	Duris E 2835	
	48.0°	75°
	40.0 94 %	400
		60 ⁴ 60*
-	1.5 cd/lm	
	1	
•	White	
Required components:		
		1200
		30° 15° 1600 15° 30°
SAMSUN	G	90° 90°
	LM28xB Series	
	LM28XB Series 54.0°	75°
	93 %	
,	93 % 1.3 cd/lm	60° 60°
-	2	
		Gr
•	White	
Required components:		
		1200
		300 300 300
1		
SAMSIIN	G	90°
SAMSUN		
LED	LM28xB Series	
LED FWHM	LM28xB Series 44.0°	
LED FWHM - Efficiency	LM28xB Series 44.0° 94 %	201 7 27 99* 99* 99* 99* 99* 99* 400 99*
LED FWHM Efficiency Peak intensity	LM28xB Series 44.0° 94 % 1.7 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic	LM28xB Series 44.0° 94 % 1.7 cd/lm 1	29. 60. 60.
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 44.0° 94 % 1.7 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic	LM28xB Series 44.0° 94 % 1.7 cd/lm 1 White	29. 40. 00.
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 44.0° 94 % 1.7 cd/lm 1 White	29. 60. 60.
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 44.0° 94 % 1.7 cd/lm 1 White	29. 40. 00.
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 44.0° 94 % 1.7 cd/lm 1 White	29. 60. 60.
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LM28xB Series 44.0° 94 % 1.7 cd/lm 1 White	77. 400 604 606 77 72 72 72 72 72 72 72 72 72 72 72 72
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LM28xB Series 44.0° 94 % 1.7 cd/lm 1 White	77. 400 604 606 77 72 72 72 72 72 72 72 72 72 72 72 72
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LM28xB Series 44.0° 94 % 1.7 cd/lm 1 White 5 SEOUL DC 3528	77. 400 604 606 77 72 72 72 72 72 72 72 72 72 72 72 72
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components: stout semiconductor LED FWHM	LM28xB Series 44.0° 94 % 1.7 cd/lm 1 White SEOUL DC 3528 49.0°	Ma Ma Ma 100 Ma 100 <
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components: seous semiconductor LED FWHM Efficiency	LM28xB Series 44.0° 94 % 1.7 cd/lm 1 White SEOUL DC 3528 49.0° 94 %	Ma Ma Ma 100 Ma 100 <
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components: second semiconductor LED FWHM Efficiency Peak intensity	LM28xB Series 44.0° 94 % 1.7 cd/lm 1 White SEOUL DC 3528 49.0° 94 % 1.5 cd/lm	30, 30, 30, 30, 10, 10, 30, 10,0 6, 6, 10,0 6, 6, 0,0 6, 6, 0,0 6, 10,0 12,3 5, 10,0 12,3 5, 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components: SECUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic	LM28xB Series 44.0° 94 % 1.7 cd/lm 1 White SEOUL DC 3528 49.0° 94 % 1.5 cd/lm 1	Ma Ma Ma 100 Ma 100 <
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components: stous semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 44.0° 94 % 1.7 cd/lm 1 White SEOUL DC 3528 49.0° 94 % 1.5 cd/lm 1 White	Ma Ma Ma 100 Ma 100 <
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components: stout semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic	LM28xB Series 44.0° 94 % 1.7 cd/lm 1 White SEOUL DC 3528 49.0° 94 % 1.5 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*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components: stout stanconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 44.0° 94 % 1.7 cd/lm 1 White SEOUL DC 3528 49.0° 94 % 1.5 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required components: stout stanconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LM28xB Series 44.0° 94 % 1.7 cd/lm 1 White SEOUL DC 3528 49.0° 94 % 1.5 cd/lm 1 White	



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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