

CLAUDIA-90

~90° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	279.3 x 29.3 mm
Height	8.1 mm
Fastening	clips
ROHS compliant	yes 

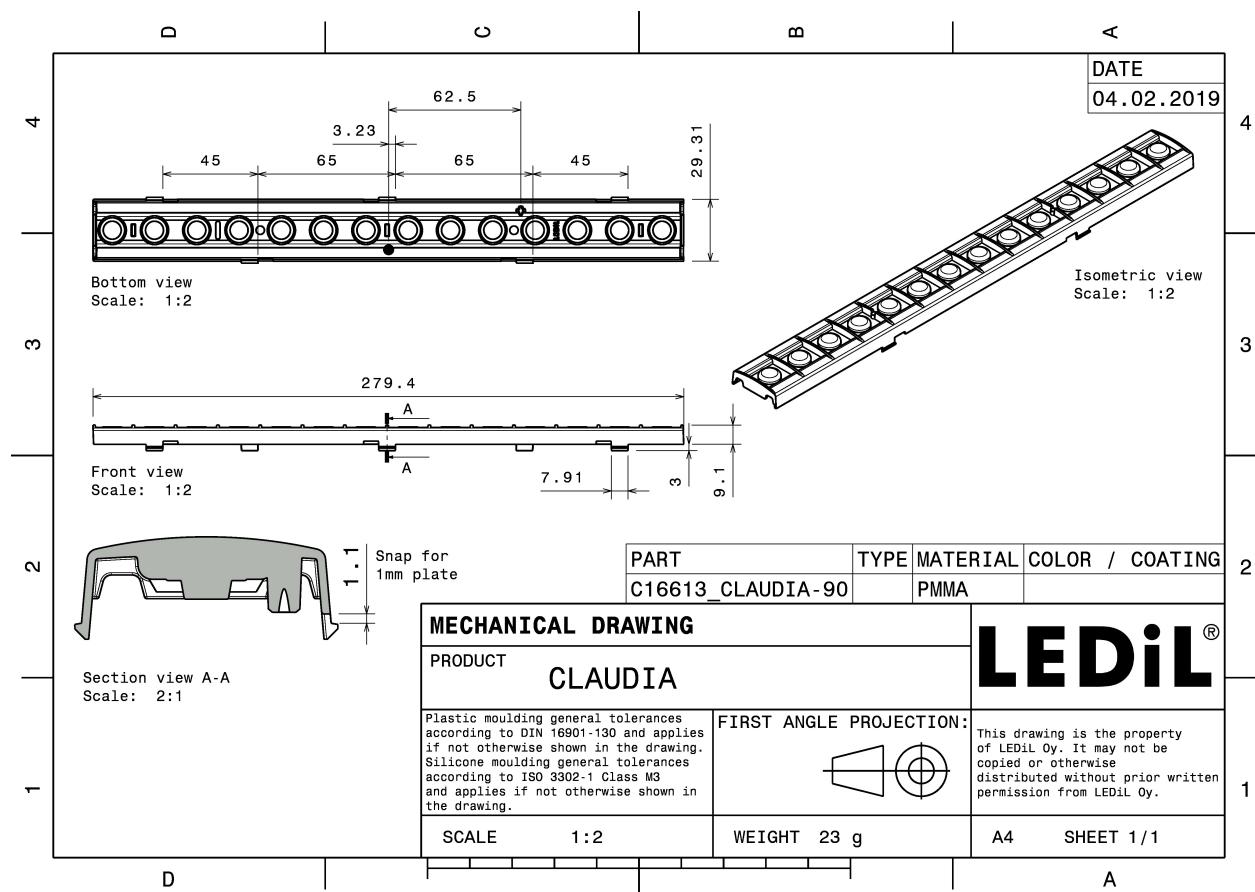


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
CLAUDIA-90	Linear lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16613_CLAUDIA-90 » Box size: 400 x 300 x 300 mm	228	96	12	6.6



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

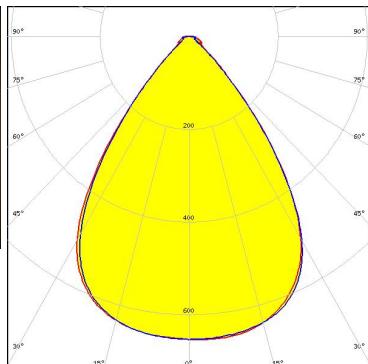
PHOTOMETRIC DATA (MEASURED):



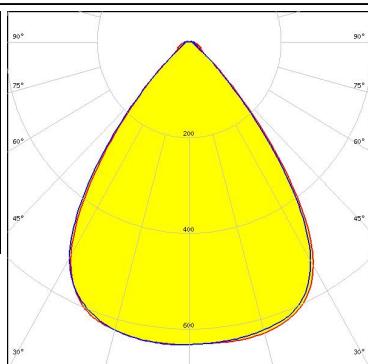
LED J Series 2835
 FWHM / FWTM 72.0° / 99.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:



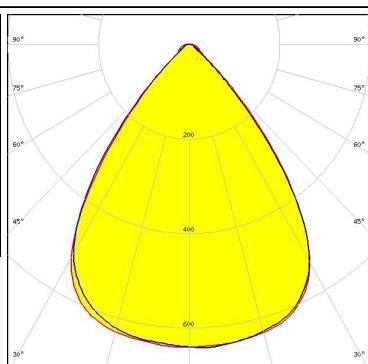
LED LUXEON 3030 2D (Square LES)
 FWHM / FWTM 74.0° / 99.0°
 Efficiency 91 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:



LED LinLED 280x26mm 1300lm 840 2C 42V Opt G1
 FWHM / FWTM 76.5° / 100.0°
 Efficiency 95 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



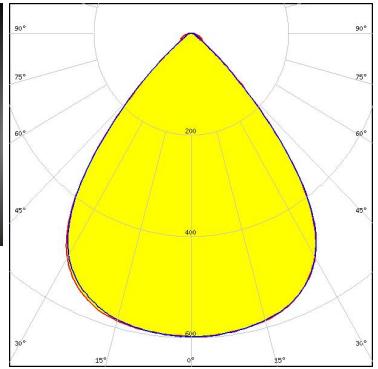
Opto Semiconductors
 LED Duris S5 (2 chip)
 FWHM / FWTM 77.0° / 99.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LM301B
FWHM / FWTM 81.0° / 103.0°
Efficiency 94 %
Peak intensity 0.6 cd/lm
LEDs/each optic 2
Light colour Tunable White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED J Series 2835

FWHM / FWTM 81.0° / 98.0°

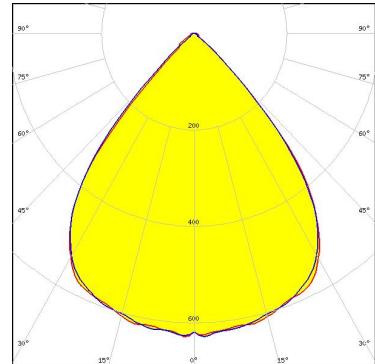
Efficiency 94 %

Peak intensity 0.7 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LED LUXEON 2835 Line

FWHM / FWTM 83.0° / 100.0°

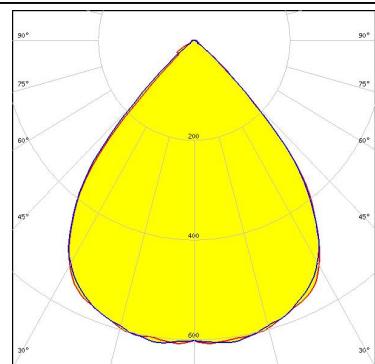
Efficiency 94 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LED NF2x75G

FWHM / FWTM 82.0° / 99.0°

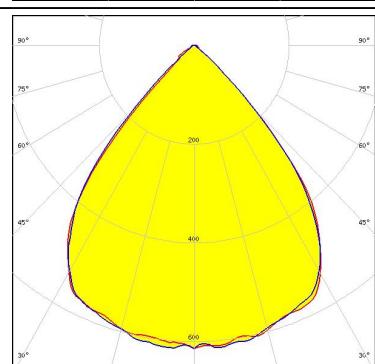
Efficiency 94 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LED NFMW48xA

FWHM / FWTM 80.0° / 102.0°

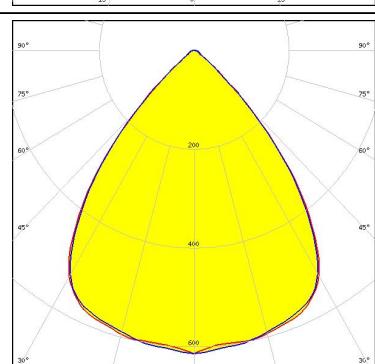
Efficiency 94 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour White

Required components:



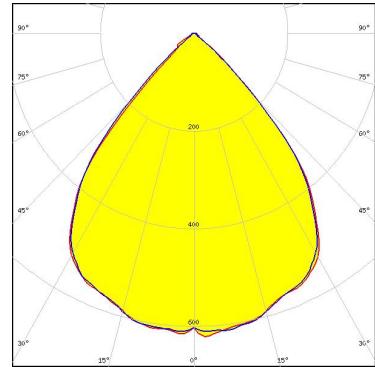
PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED	Duris E 2835
FWHM / FWTM	83.0° / 100.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

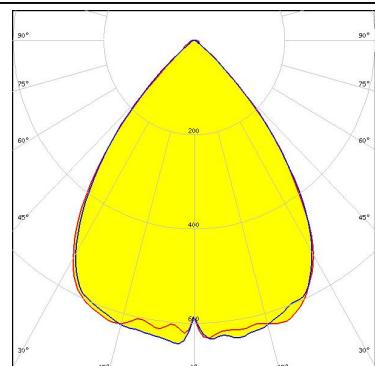


OSRAM

Opto Semiconductors

LED	Duris S8
FWHM / FWTM	78.0° / 100.0°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White

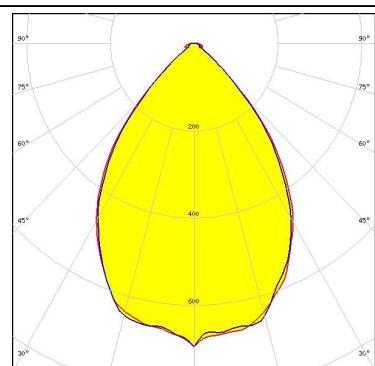
Required components:



SAMSUNG

LED	LM28xB Series
FWHM / FWTM	73.0° / 102.0°
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White

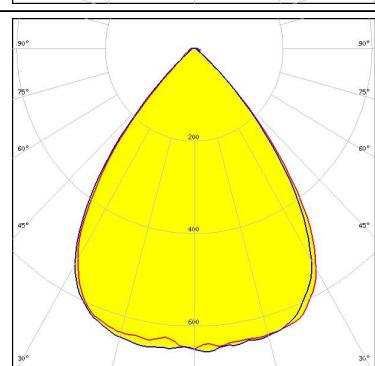
Required components:



SAMSUNG

LED	LM28xB Series
FWHM / FWTM	77.0° / 98.0°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	2
Light colour	White

Required components:



PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED LM28xB Series

FWHM / FWTM 81.0° / 98.0°

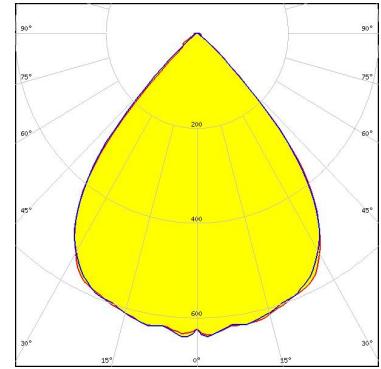
Efficiency 94 %

Peak intensity 0.7 cd/lm

LEDs/each optic 1

Light colour White

Required components:



 SEOUL SEMICONDUCTOR

LED SEOUL DC 3528

FWHM / FWTM 82.0° / 100.0°

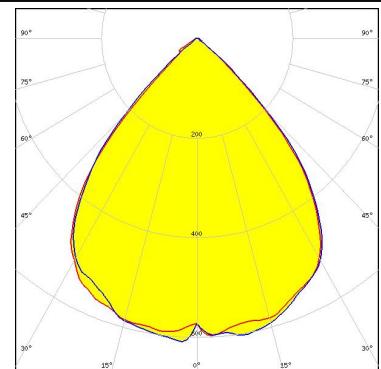
Efficiency 94 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour White

Required components:



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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