

## CLAUDIA-90

~90° wide beam

### SPECIFICATION:

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

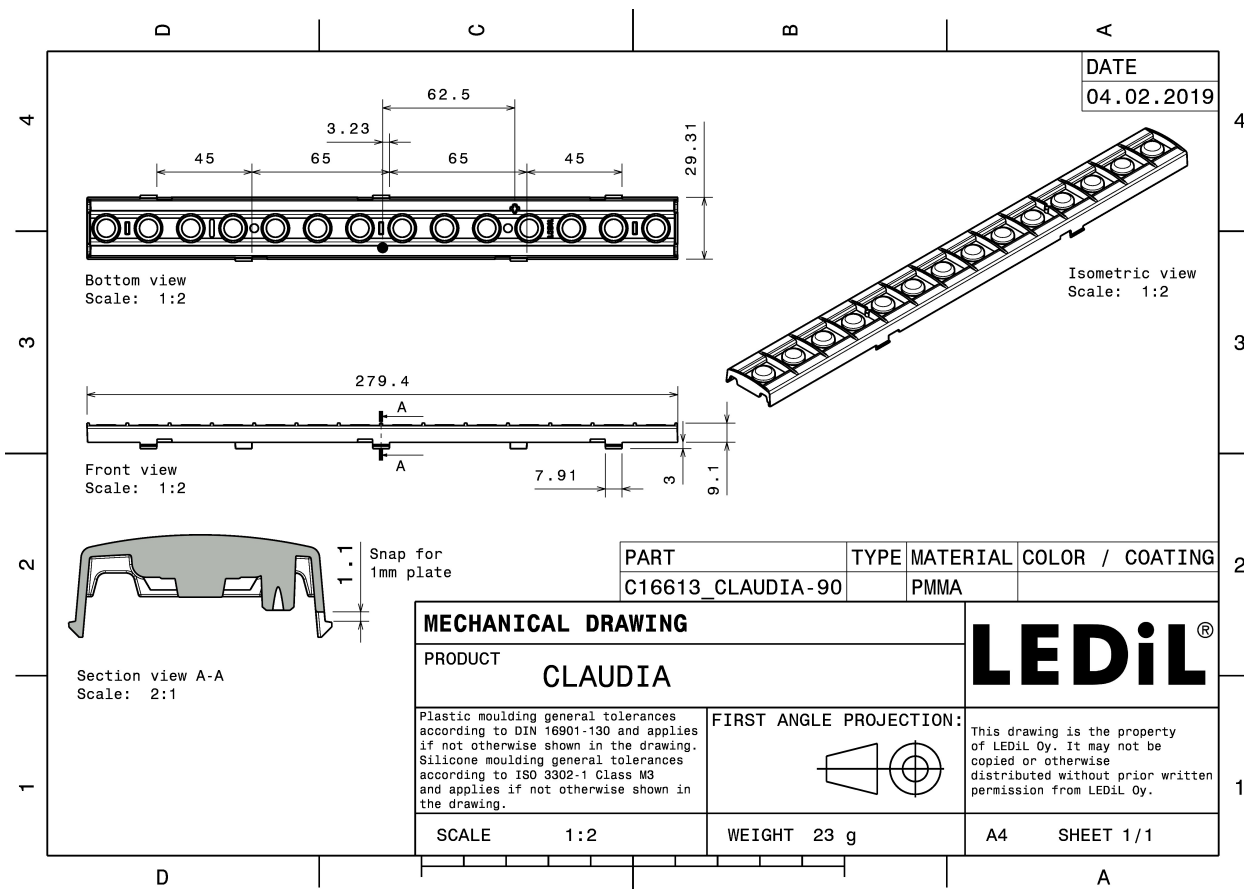
### MATERIALS:

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](http://www.ledil.com/installation_guide)

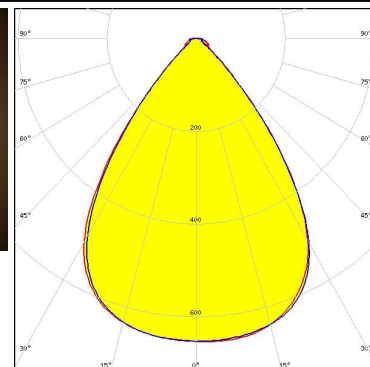
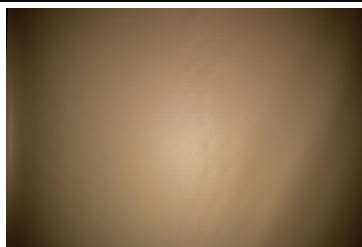
### OPTICAL RESULTS (MEASURED):



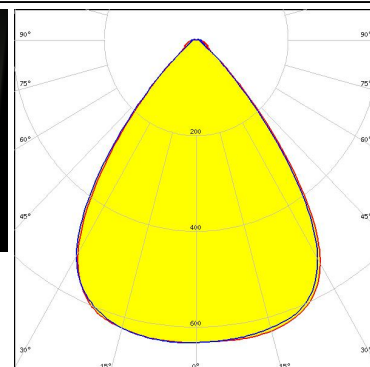
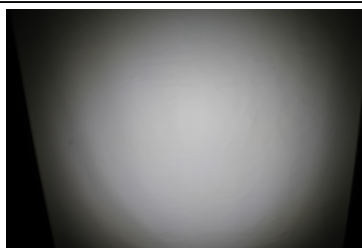
LED J Series 2835  
FWHM / FWTM 72.0° / 99.0°  
Efficiency 94 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 2  
Light colour White  
Required components:



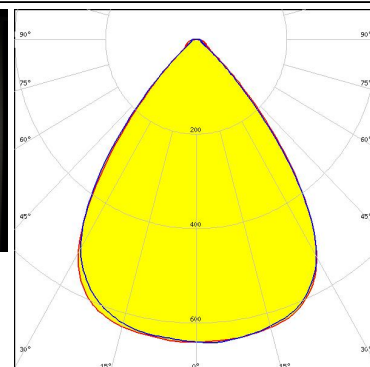
LED LUXEON 3030 2D (Square LES)  
FWHM / FWTM 74.0° / 99.0°  
Efficiency 91 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 2  
Light colour White  
Required components:



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:



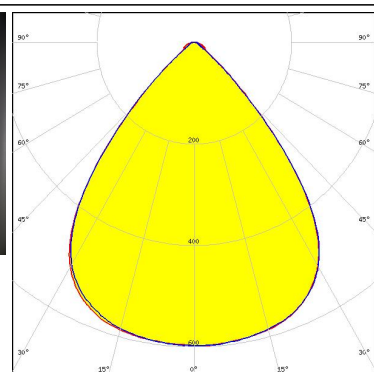
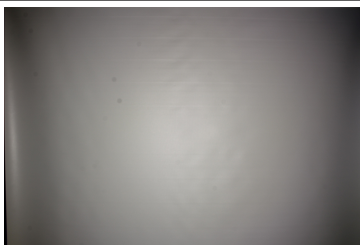
LED Duris S5 (2 chip)  
FWHM / FWTM 77.0° / 99.0°  
Efficiency 94 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 2  
Light colour White  
Required components:



## OPTICAL RESULTS (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:

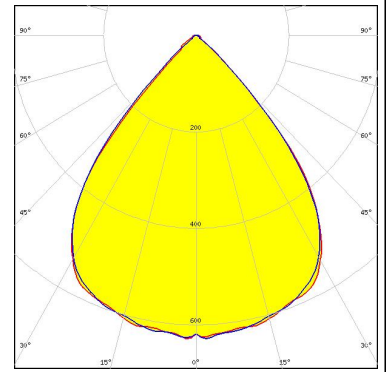




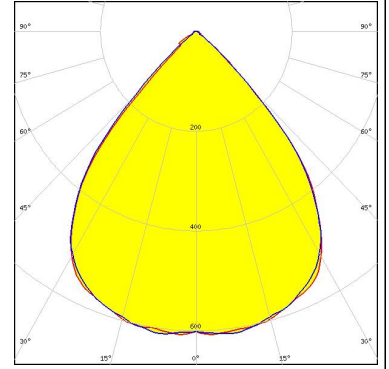
### OPTICAL RESULTS (SIMULATED):



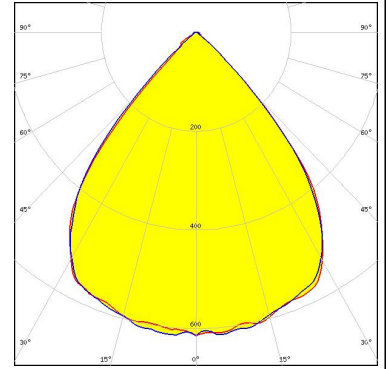
LED J Series 2835  
FWHM / FWTM 81.0° / 98.0°  
Efficiency 94 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



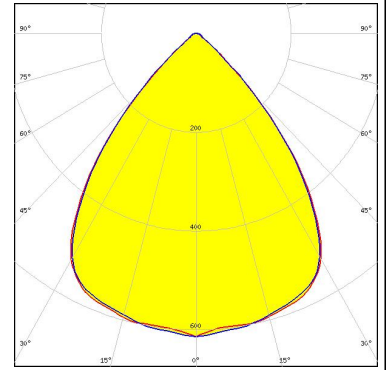
LED LUXEON 2835 Line  
FWHM / FWTM 83.0° / 100.0°  
Efficiency 94 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NF2x757G  
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:

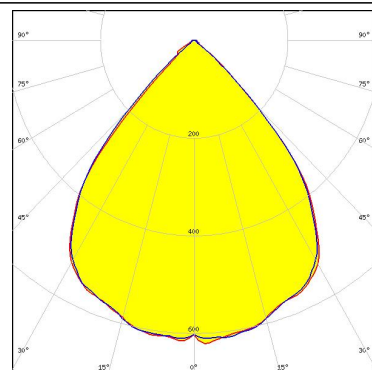


#### OPTICAL RESULTS (SIMULATED):

##### OSRAM

Opto Semiconductors

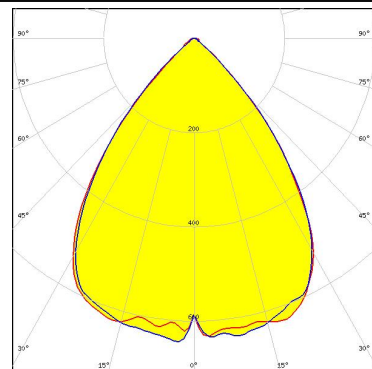
LED Duris E 2835  
FWHM / FWTM 83.0° / 100.0°  
Efficiency 94 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

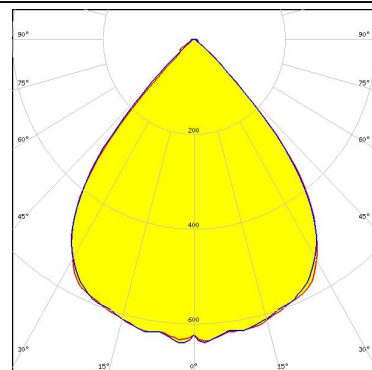
Opto Semiconductors

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:



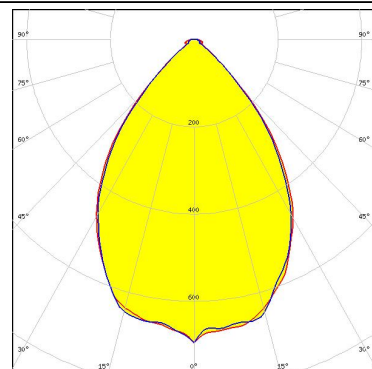
##### SAMSUNG

LED LM28xB Series  
FWHM / FWTM 81.0° / 98.0°  
Efficiency 94 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### SAMSUNG

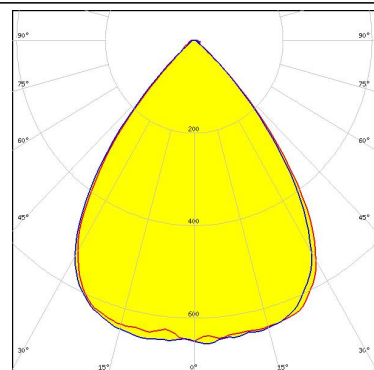
LED LM28xB Series  
FWHM / FWTM 73.0° / 102.0°  
Efficiency 92 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 4  
Light colour White  
Required components:



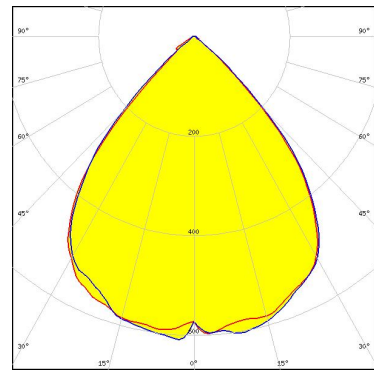
### OPTICAL RESULTS (SIMULATED):

#### 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:



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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