

GABRIELLA-45-M

~25° medium beam with holder

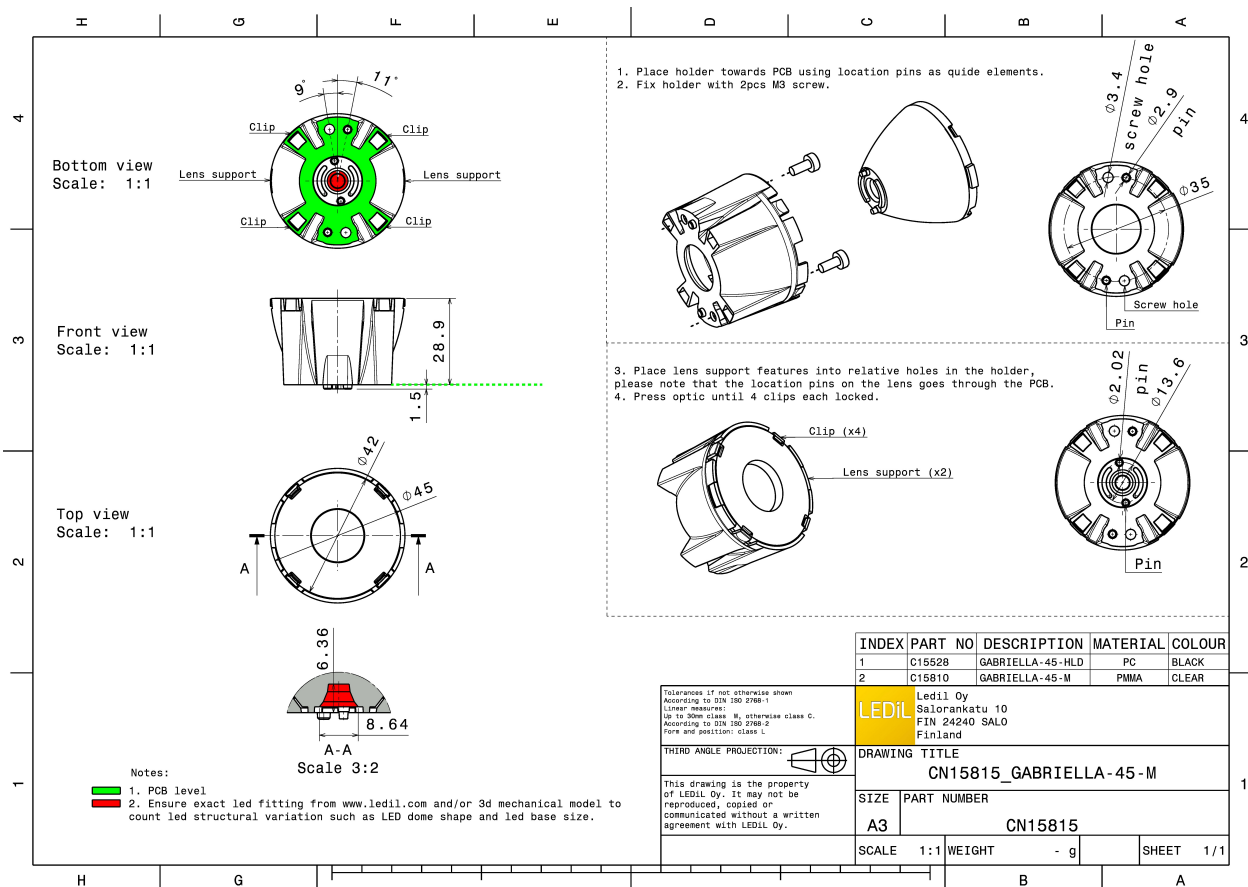
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45.0 mm
Height	28.9 mm
Fastening	screw
Colour	black
Box size	
Box weight	0 kg
Quantity in Box	405 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

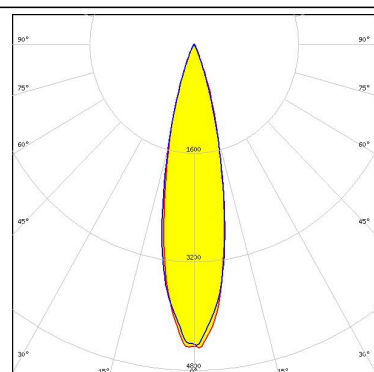
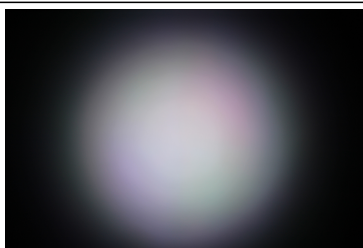
Component	Type	Material	Colour
GABRIELLA-45-M	Single lens	PMMA	clear
GABRIELLA-45-HLD	Holder	PC	black



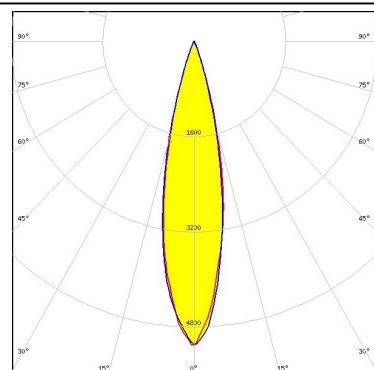
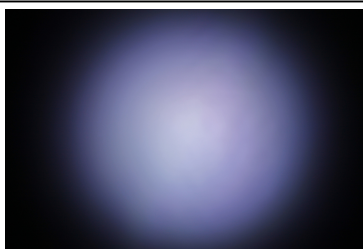
PHOTOMETRIC DATA (MEASURED):



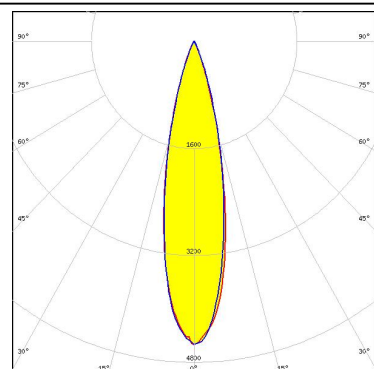
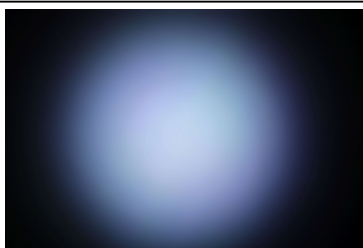
LED LUXEON CZ
FWHM 23.0°
Efficiency 89 %
Peak intensity 4.500 cd/lm
LEDs/each optic 4
Light colour RGBW
Required components:



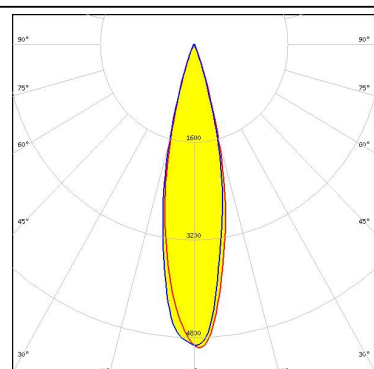
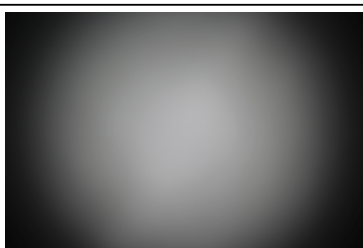
LED SBM-40-RGBW
FWHM 23.0°
Efficiency 89 %
Peak intensity 5.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NCSxE17A
FWHM 24.0°
Efficiency 90 %
Peak intensity 4.600 cd/lm
LEDs/each optic 4
Light colour RGBW
Required components:



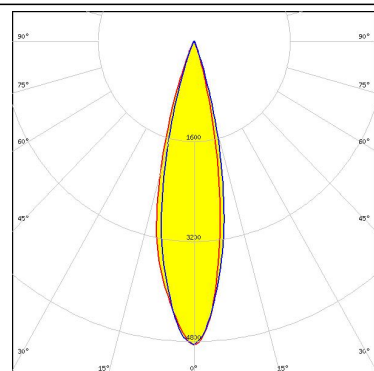
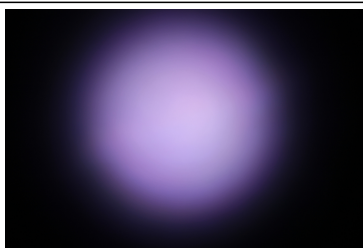
LED OSLOM Square EC
FWHM 24.0°
Efficiency 88 %
Peak intensity 5.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

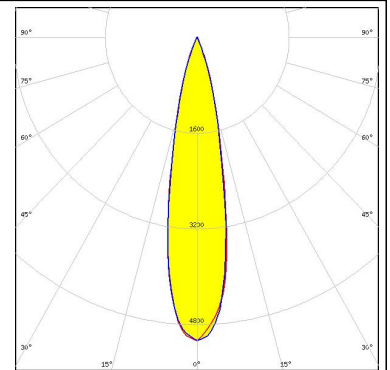
LED Ostar-SMT RGB
FWHM 24.0°
Efficiency 90 %
Peak intensity 4.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



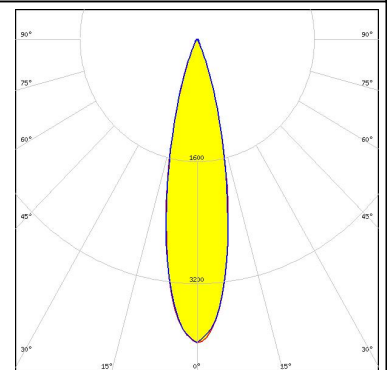
PHOTOMETRIC DATA (SIMULATED):



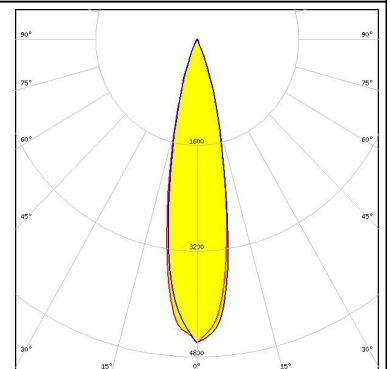
LED XHP50.2
FWHM 22.0°
Efficiency 89 %
Peak intensity 5.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



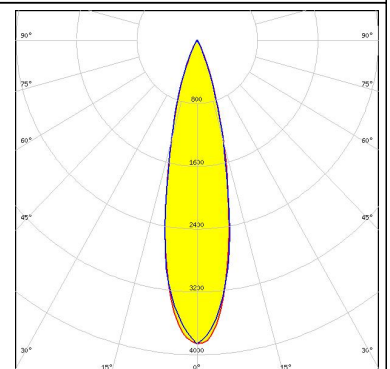
LED XHP70.2
FWHM 24.0°
Efficiency 87 %
Peak intensity 3.980 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XM-L RGB
FWHM 23.0°
Efficiency 85 %
Peak intensity 4.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



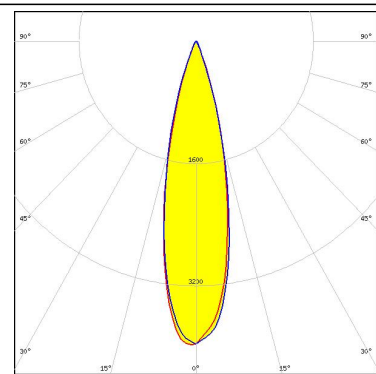
LED LUXEON C
FWHM 24.0°
Efficiency 86 %
Peak intensity 4.000 cd/lm
LEDs/each optic 4
Light colour RGBW
Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSTAR Stage (S2WP)
FWHM	25.0°
Efficiency	86 %
Peak intensity	4.000 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:

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

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