

## GABRIELLA-45-M

~25° medium beam with holder

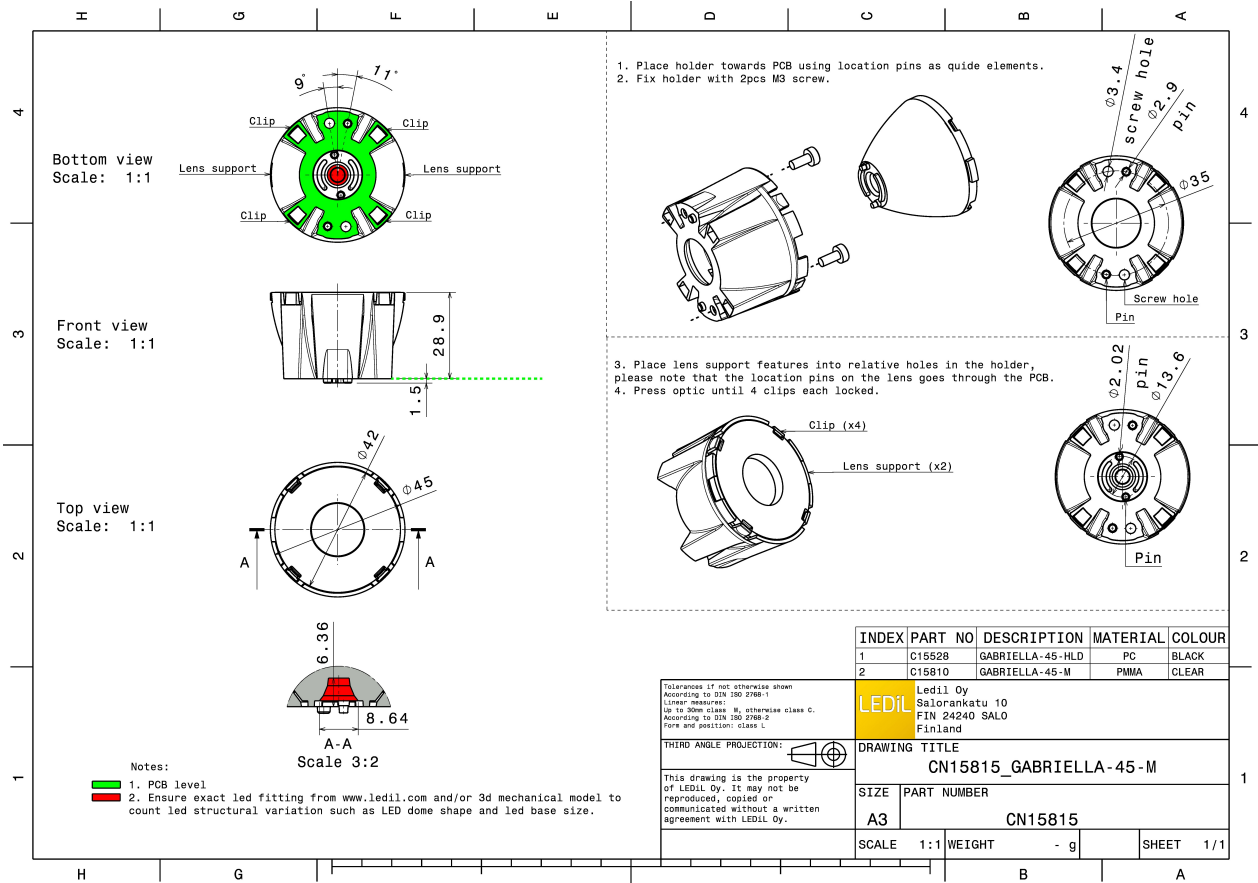
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45 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:

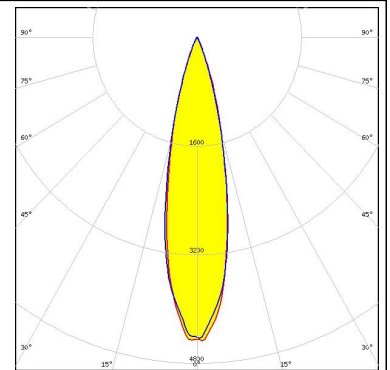
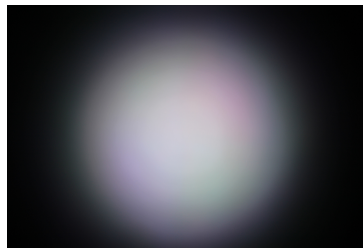
Component	Type	Material	Colour
GABRIELLA-45-M	Lens	PMMA	clear
GABRIELLA-45-HLD	Holder	PC	black



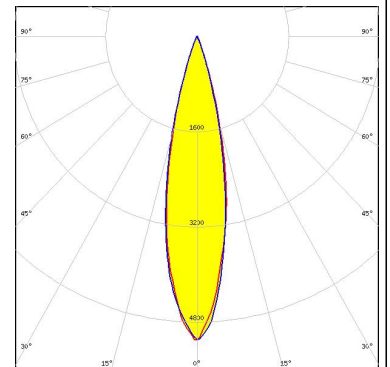
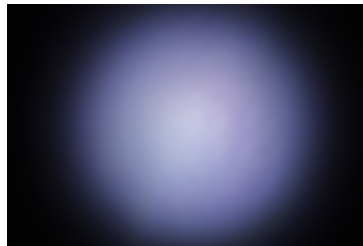
#### PHOTOMETRIC DATA (MEASURED):



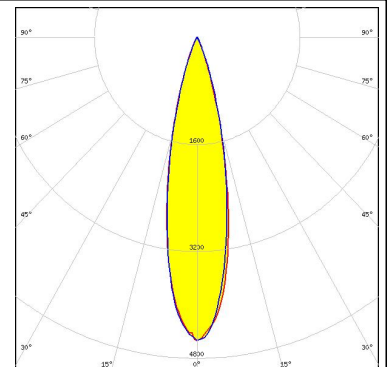
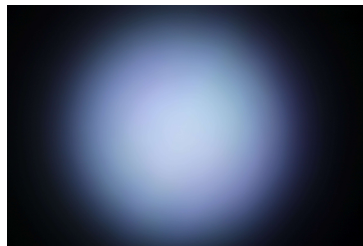
LED LUXEON CZ RGBW  
 FWHM 23.0°  
 Efficiency 89 %  
 Peak intensity 4.500 cd/lm  
 Required components:



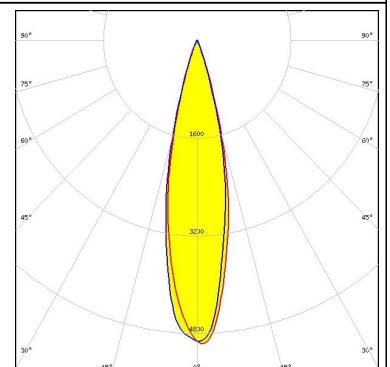
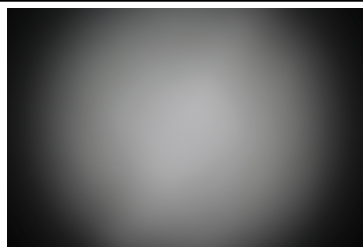
LED SBM-40-RGBW  
 FWHM 23.0°  
 Efficiency 89 %  
 Peak intensity 5.100 cd/lm  
 Required components:



LED DMC E17A RGBW  
 FWHM 24.0°  
 Efficiency 90 %  
 Peak intensity 4.600 cd/lm  
 Required components:



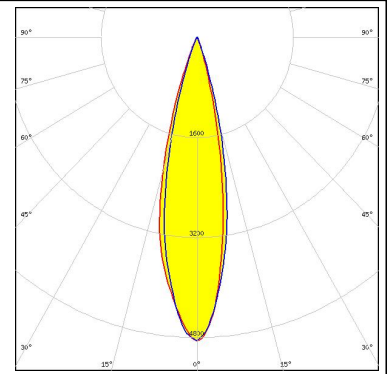
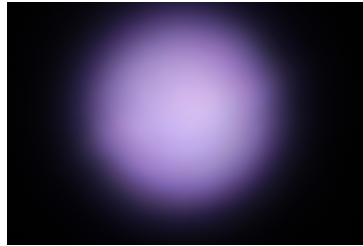
LED Oslon Square EC  
 FWHM 24.0°  
 Efficiency 88 %  
 Peak intensity 5.000 cd/lm  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

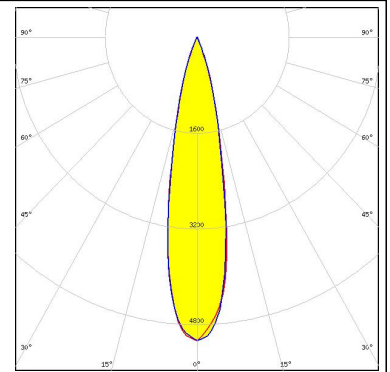
LED Ostar-SMT RGB  
FWHM 24.0°  
Efficiency 90 %  
Peak intensity 4.900 cd/lm  
Required components:



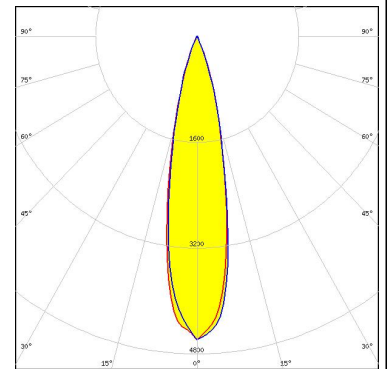
#### PHOTOMETRIC DATA (SIMULATED):



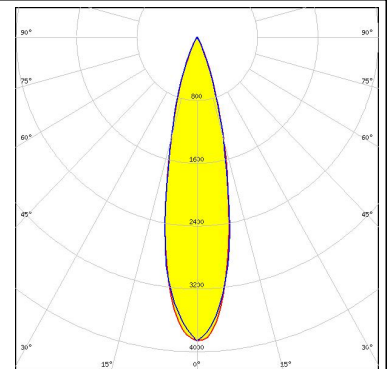
LED XHP50.2  
FWHM 22.0°  
Efficiency 89 %  
Peak intensity 5.100 cd/lm  
Required components:



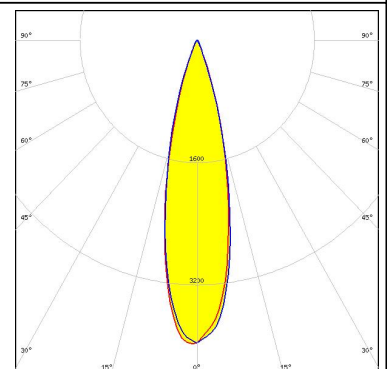
LED XM-L RGB  
FWHM 23.0°  
Efficiency 85 %  
Peak intensity 4.500 cd/lm  
Required components:



LED LUXEON C RGBW  
FWHM 24.0°  
Efficiency 86 %  
Peak intensity 4.000 cd/lm  
Required components:



LED OSTAR Stage (S2WP)  
FWHM 25.0°  
Efficiency 86 %  
Peak intensity 4.000 cd/lm  
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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