

GABRIELLA-45-S

~9° spot beam with holder and installation tape

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45.0 mm
Height	29.1 mm
Fastening	tape, pin, screw
ROHS compliant	yes ⓘ

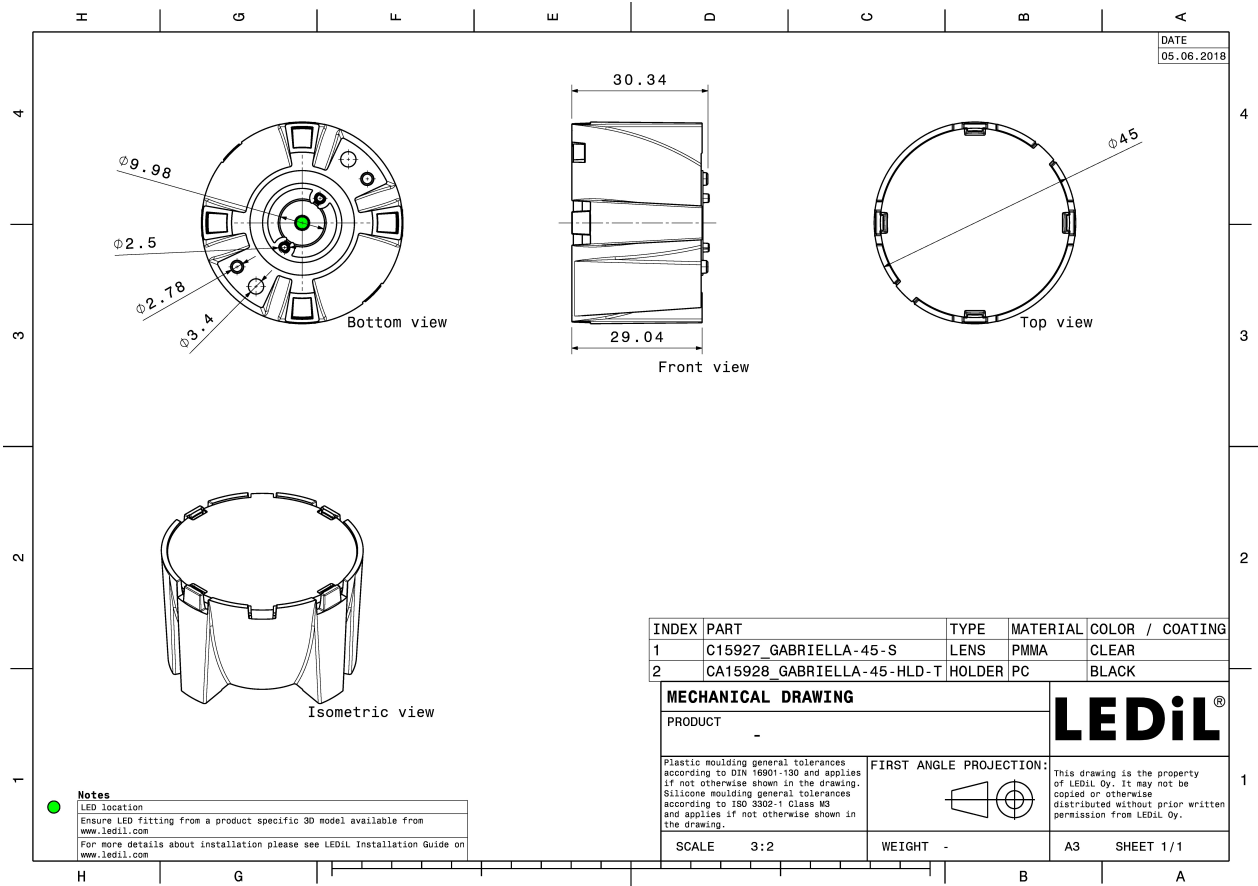
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
GABRIELLA-45-S	Single lens	PMMA	clear	
GABRIELLA-45-HLD-T	Assembly	PC	black	



ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CX15577_GABRIELLA-45-S	Single lens	405		45	0.0
» Box size:					

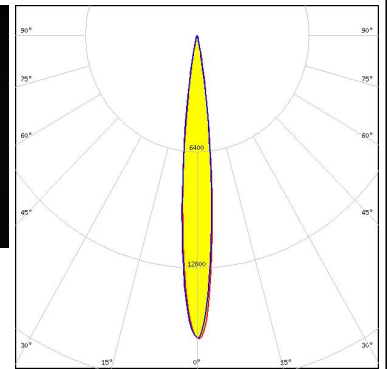
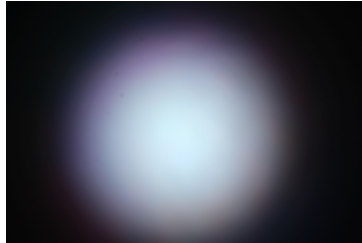


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

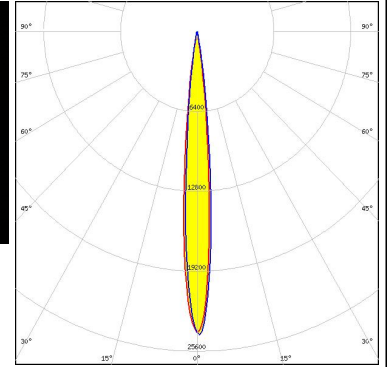
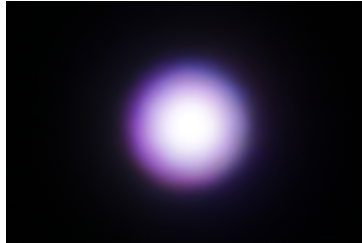
CREE LED

LED XQ-E HD
 FWHM / FWTM 11.0° / 21.0°
 Efficiency 88 %
 Peak intensity 16.8 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:



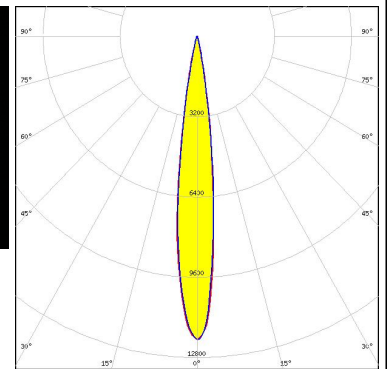
LED ENGIN

LED LZ4-04MDPB
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 91 %
 Peak intensity 24.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



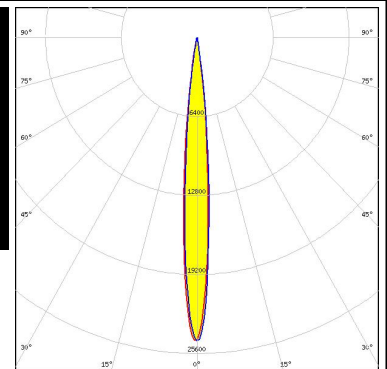
LUMILEDS

LED LUXEON CZ
 FWHM / FWTM 14.0° / 25.0°
 Efficiency 89 %
 Peak intensity 12 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:



LUMINUS

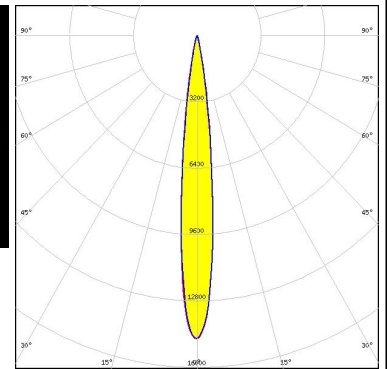
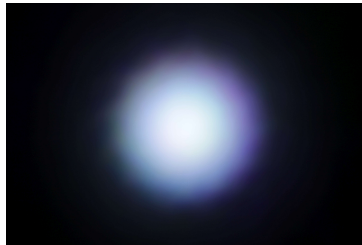
LED SBM-40-RGBW
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 89 %
 Peak intensity 25 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



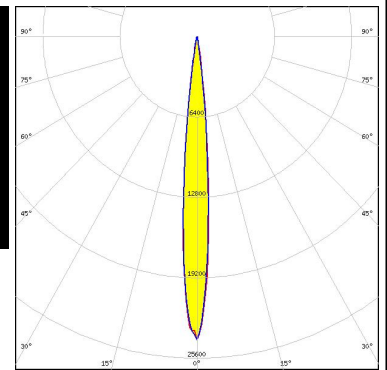
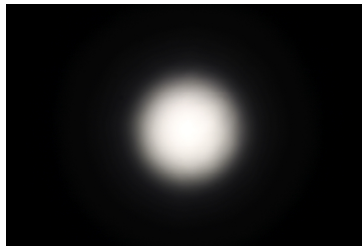
PHOTOMETRIC DATA (MEASURED):



LED NCSxE17A
 FWHM / FWTM 12.0° / 23.0°
 Efficiency 90 %
 Peak intensity 15 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:

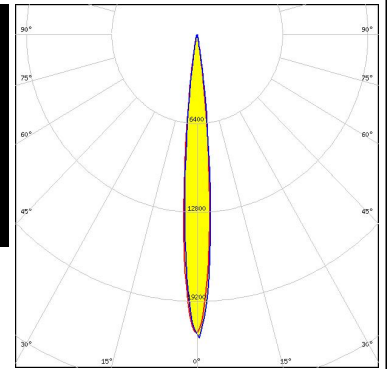
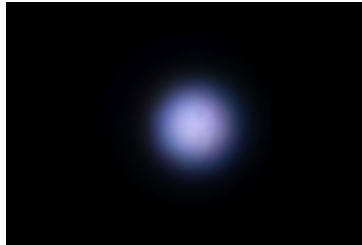


LED NVSW219F
 FWHM / FWTM 10.0° / 17.0°
 Efficiency 89 %
 Peak intensity 24.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



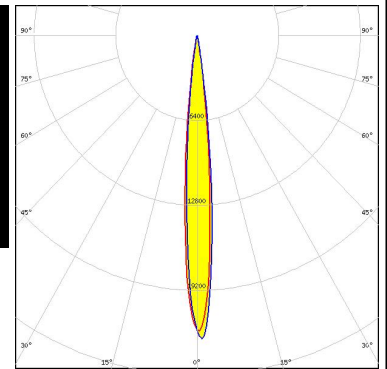
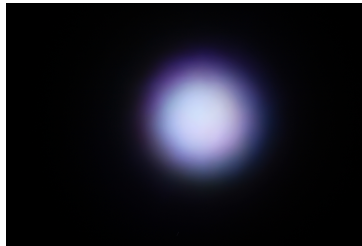
SEOUL SEMICONDUCTOR

LED SPF05F0A
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 89 %
 Peak intensity 21.8 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



SEOUL SEMICONDUCTOR

LED SPF05F0B
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 90 %
 Peak intensity 22.9 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



PHOTOMETRIC DATA (MEASURED):



PHOTOMETRIC DATA (SIMULATED):

<p>CREE → LED</p> <p>LED: XHP50 FWHM / FWTM: 14.0° / 24.0° Efficiency: 89 % Peak intensity: 13.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XHP50.2 FWHM / FWTM: 13.0° / 24.0° Efficiency: 91 % Peak intensity: 14.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XHP70 FWHM / FWTM: 18.0° / 29.0° Efficiency: 87 % Peak intensity: 8.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XM-L RGB FWHM / FWTM: 12.0° / 24.0° Efficiency: 93 % Peak intensity: 15.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

<p>CREE LED</p> <p>LED: XP-L HD FWHM / FWTM: 8.0° / 21.0° Efficiency: 92 % Peak intensity: 23.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSTAR Stage (S2WN) FWHM / FWTM: 8.0° / 16.0° Efficiency: 94 % Peak intensity: 35.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSTAR Stage (S2WP) FWHM / FWTM: 8.0° / 19.0° Efficiency: 93 % Peak intensity: 28.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

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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