

## GABRIELLA-MIDI-O

~12+40° oval beam with holder and installation tape

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 37.8 mm
Height	24.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

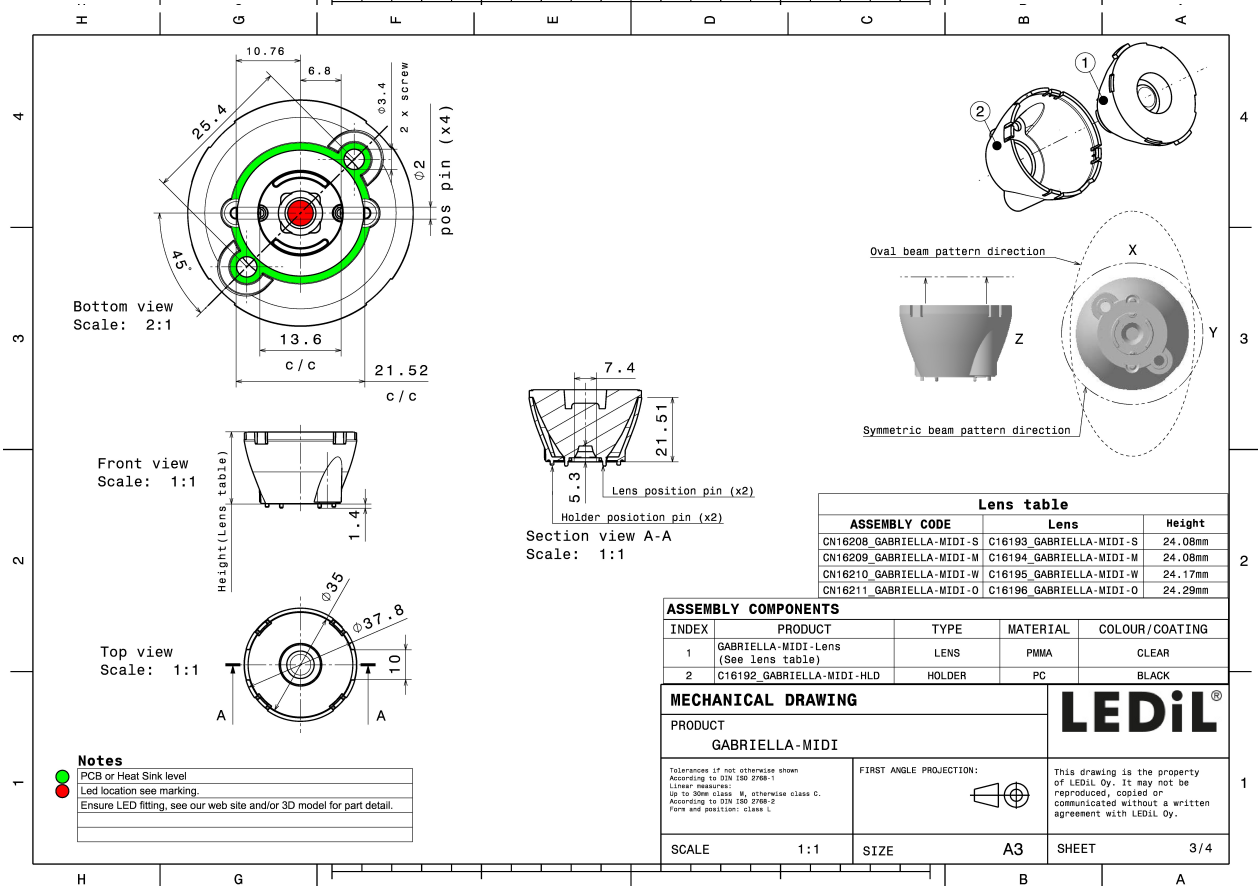
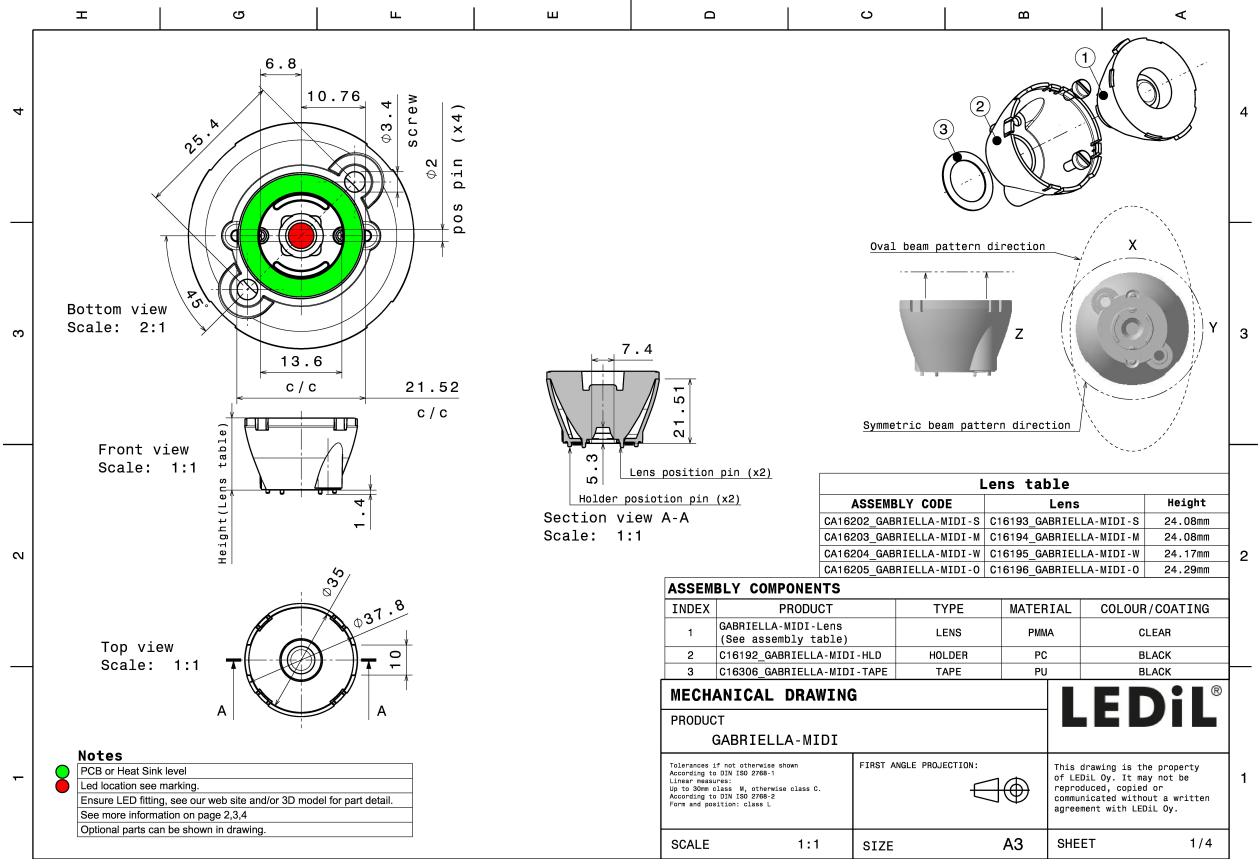


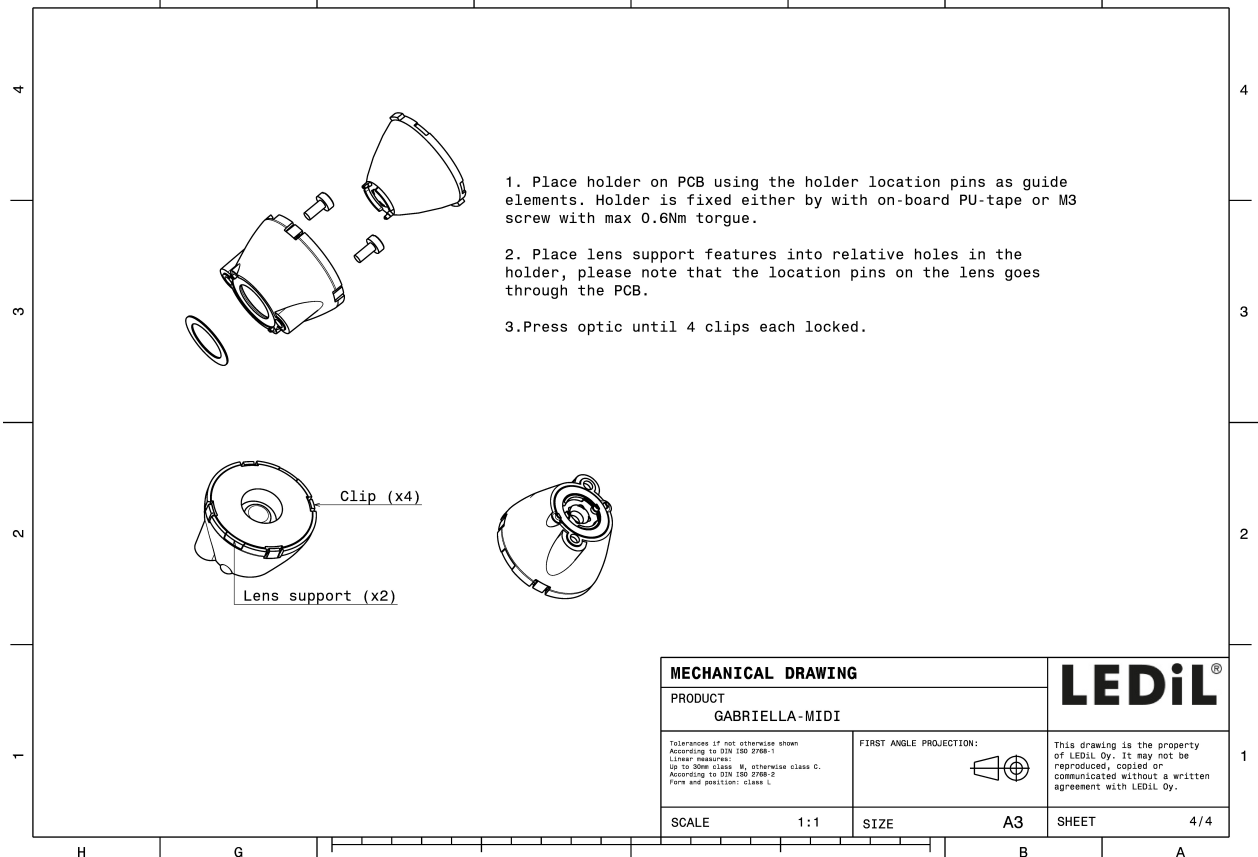
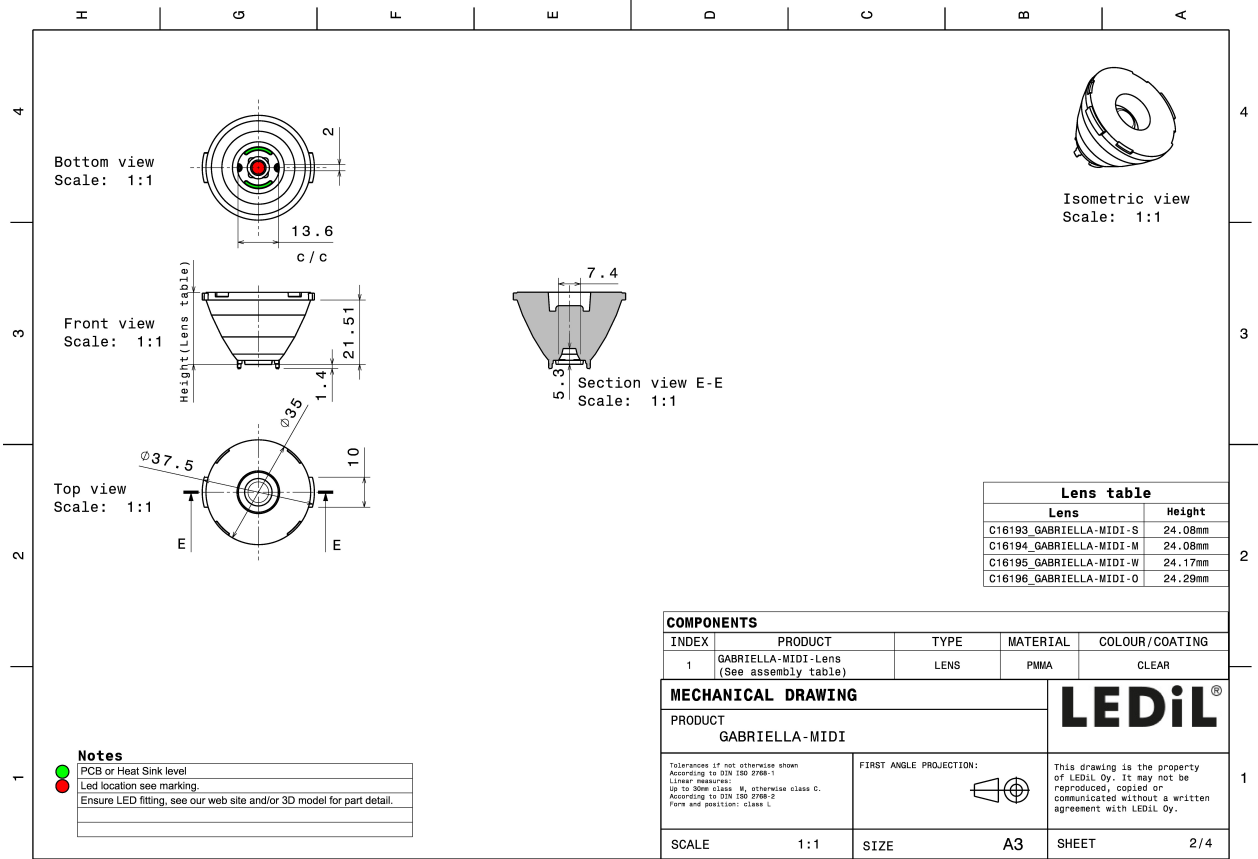
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
GABRIELLA-MIDI-O	Single lens	PMMA	clear	
GABRIELLA-MIDI-HLD	Assembly	PC	black	

### ORDERING INFORMATION:


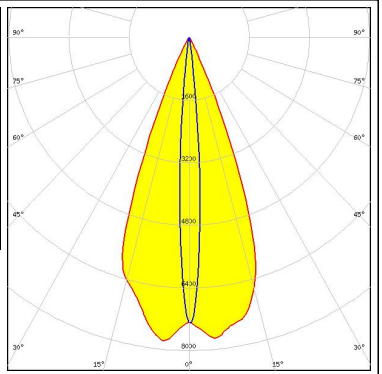

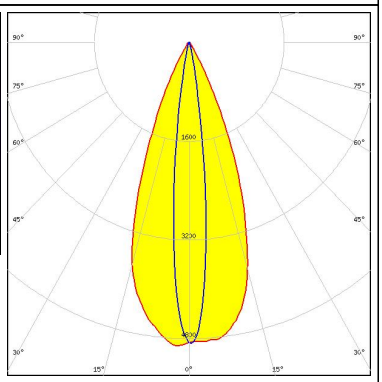

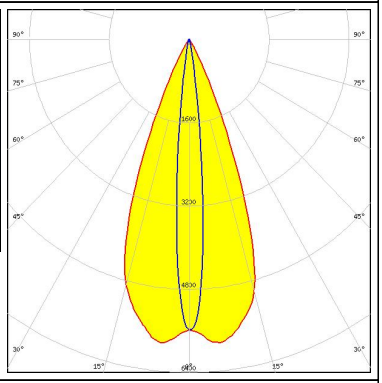

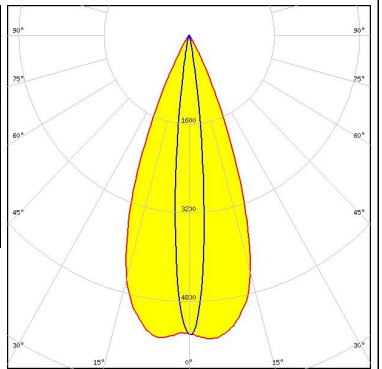
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA16205_GABRIELLA-MIDI-O » Box size: 476 x 273 x 292 mm	Single lens	500	100	50	11.5





See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED                    OSTAR Projection Compact (Kx.CSLNM1.xx)</p> <p>FWHM / FWTM      42.0 + 9.0° / 54.0 + 16.0°</p> <p>Efficiency            90 %</p> <p>Peak intensity      7.8 cd/lm</p> <p>LEDs/each optic    1</p> <p>Light colour        White</p> <p>Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED                    OSTAR Stage (S2WP)</p> <p>FWHM / FWTM      40.0 + 12.0° / 60.0 + 23.0°</p> <p>Efficiency            87 %</p> <p>Peak intensity      4.9 cd/lm</p> <p>LEDs/each optic    1</p> <p>Light colour        White</p> <p>Required components:</p>		
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED                    SPF05F0A</p> <p>FWHM / FWTM      42.0 + 11.0° / 57.0 + 20.0°</p> <p>Efficiency            88 %</p> <p>Peak intensity      5.9 cd/lm</p> <p>LEDs/each optic    1</p> <p>Light colour        RGBW</p> <p>Required components:</p>		
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED                    SPF05F0B</p> <p>FWHM / FWTM      41.0 + 12.0° / 58.0 + 21.0°</p> <p>Efficiency            88 %</p> <p>Peak intensity      5.5 cd/lm</p> <p>LEDs/each optic    1</p> <p>Light colour        RGBW</p> <p>Required components:</p>		



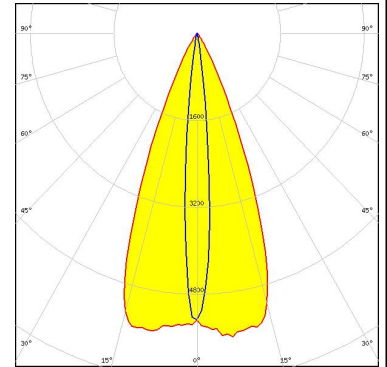
#### PHOTOMETRIC DATA (MEASURED):



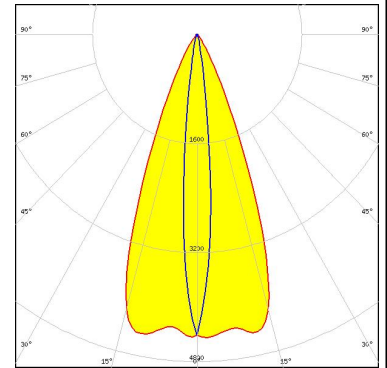
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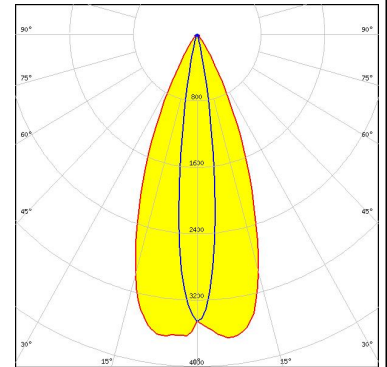
LED XHP35 HI  
 FWHM / FWTM 43.0 + 10.0° / 60.0 + 18.0°  
 Efficiency 87 %  
 Peak intensity 5.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



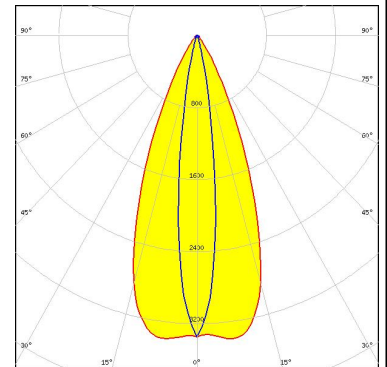
LED XHP35.2  
 FWHM / FWTM 42.0 + 10.0° / 61.0 + 21.0°  
 Efficiency 83 %  
 Peak intensity 4.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XHP50  
 FWHM / FWTM 42.0 + 14.0° / 64.0 + 26.0°  
 Efficiency 84 %  
 Peak intensity 3.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



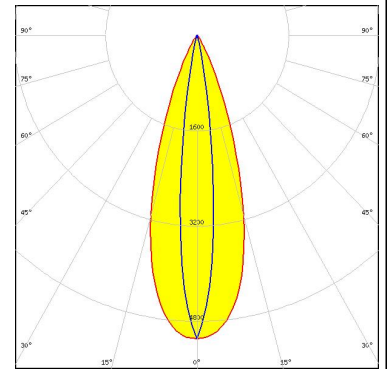
LED XHP50.2  
 FWHM / FWTM 42.0 + 14.0° / 66.0 + 28.0°  
 Efficiency 82 %  
 Peak intensity 3.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



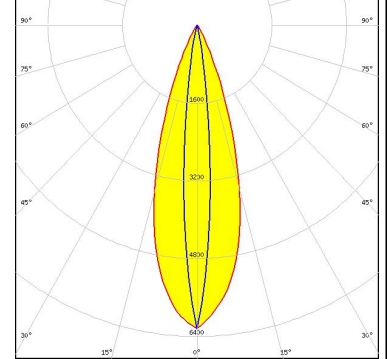
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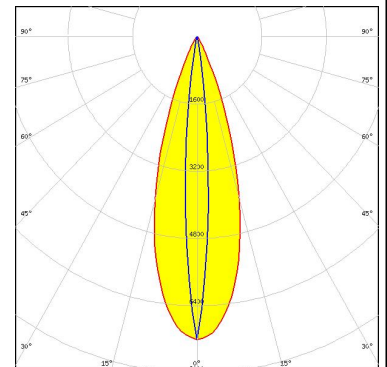
LED XM-L RGB  
 FWHM / FWTM 13.0 + 34.0° / 24.0 + 57.0°  
 Efficiency 86 %  
 Peak intensity 5.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



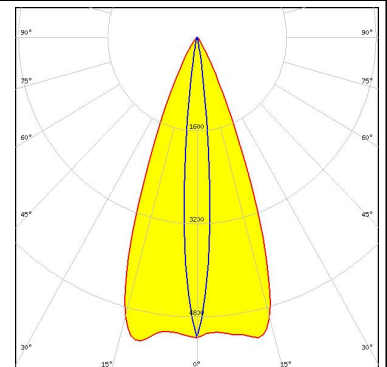
LED XM-L2  
 FWHM / FWTM 11.0 + 33.0° / 21.0 + 54.0°  
 Efficiency 87 %  
 Peak intensity 6.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-G2  
 FWHM / FWTM 9.0 + 33.0° / 19.0 + 53.0°  
 Efficiency 87 %  
 Peak intensity 7.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



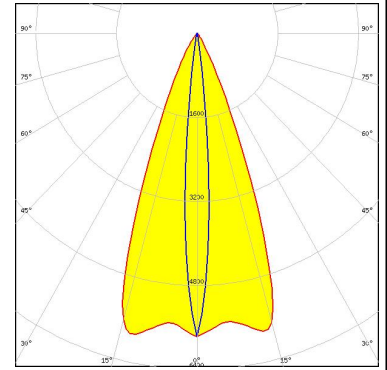
LED XP-G2 HE  
 FWHM / FWTM 42.0 + 10.0° / 60.0 + 19.0°  
 Efficiency 86 %  
 Peak intensity 5.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



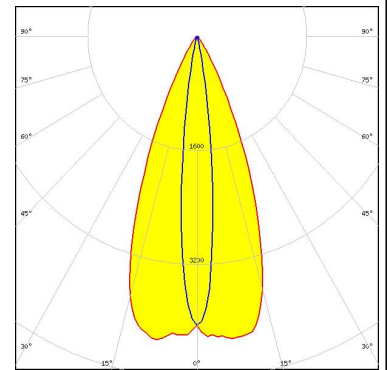
#### PHOTOMETRIC DATA (SIMULATED):



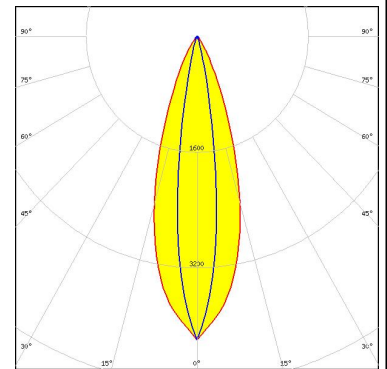
**LED** XP-L HI  
**FWHM / FWTM** 42.0 + 10.0° / 59.0 + 18.0°  
**Efficiency** 87 %  
**Peak intensity** 5.9 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



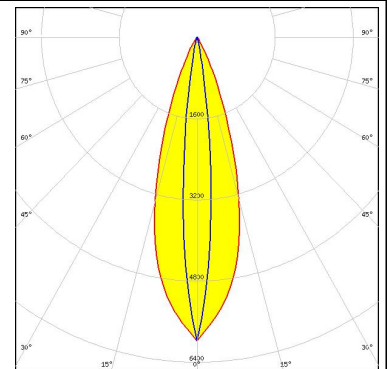
**LED** LUXEON 5050 Round LES  
**FWHM / FWTM** 12.0 + 44.0° / 22.0 + 64.0°  
**Efficiency** 86 %  
**Peak intensity** 4.3 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** LUXEON M/MX  
**FWHM / FWTM** 15.0 + 33.0° / 28.0 + 58.0°  
**Efficiency** 84 %  
**Peak intensity** 4.2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** LUXEON MZ  
**FWHM / FWTM** 11.0 + 32.0° / 22.0 + 55.0°  
**Efficiency** 86 %  
**Peak intensity** 6 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**

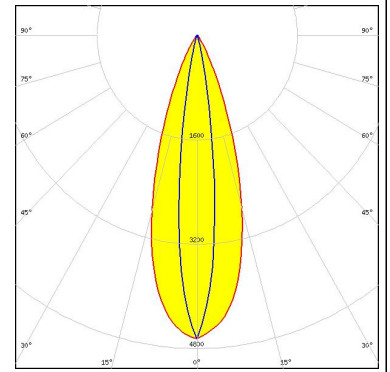


#### PHOTOMETRIC DATA (SIMULATED):

##### OSRAM

Opto Semiconductors

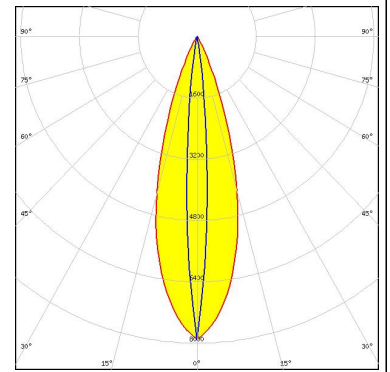
LED Duris S8  
 FWHM / FWTM 14.0 + 34.0° / 26.0 + 57.0°  
 Efficiency 86 %  
 Peak intensity 4.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Opto Semiconductors

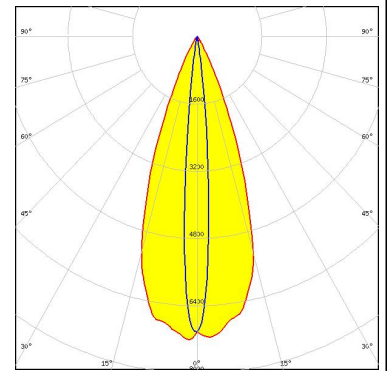
LED OSLOM Square EC  
 FWHM / FWTM 8.0 + 31.0° / 17.0 + 52.0°  
 Efficiency 87 %  
 Peak intensity 7.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Opto Semiconductors

LED OSTAR Stage (S2WN)  
 FWHM / FWTM 9.0 + 38.0° / 17.0 + 57.0°  
 Efficiency 87 %  
 Peak intensity 7.2 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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