

SURI-RS

~6° real spot beam with holder

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 37.8 mm
Height	23.9 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

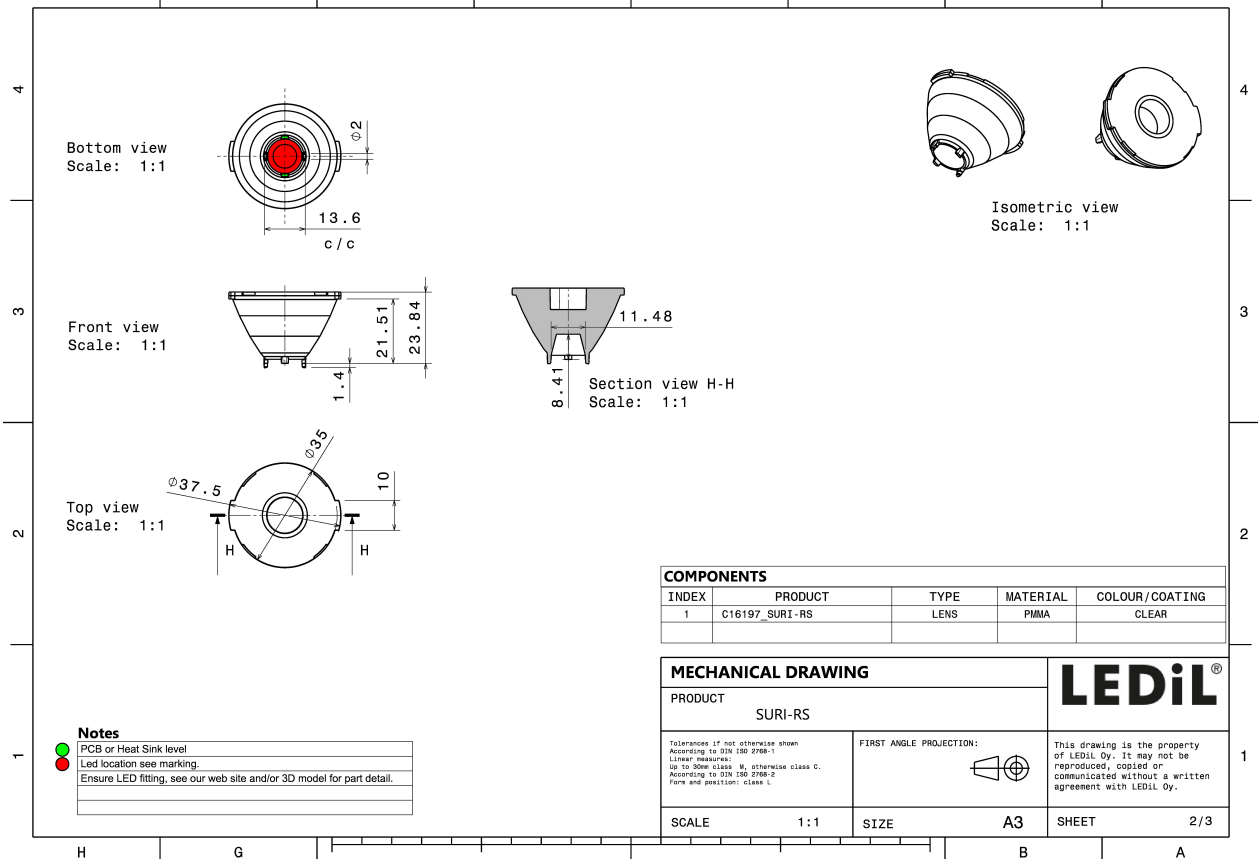
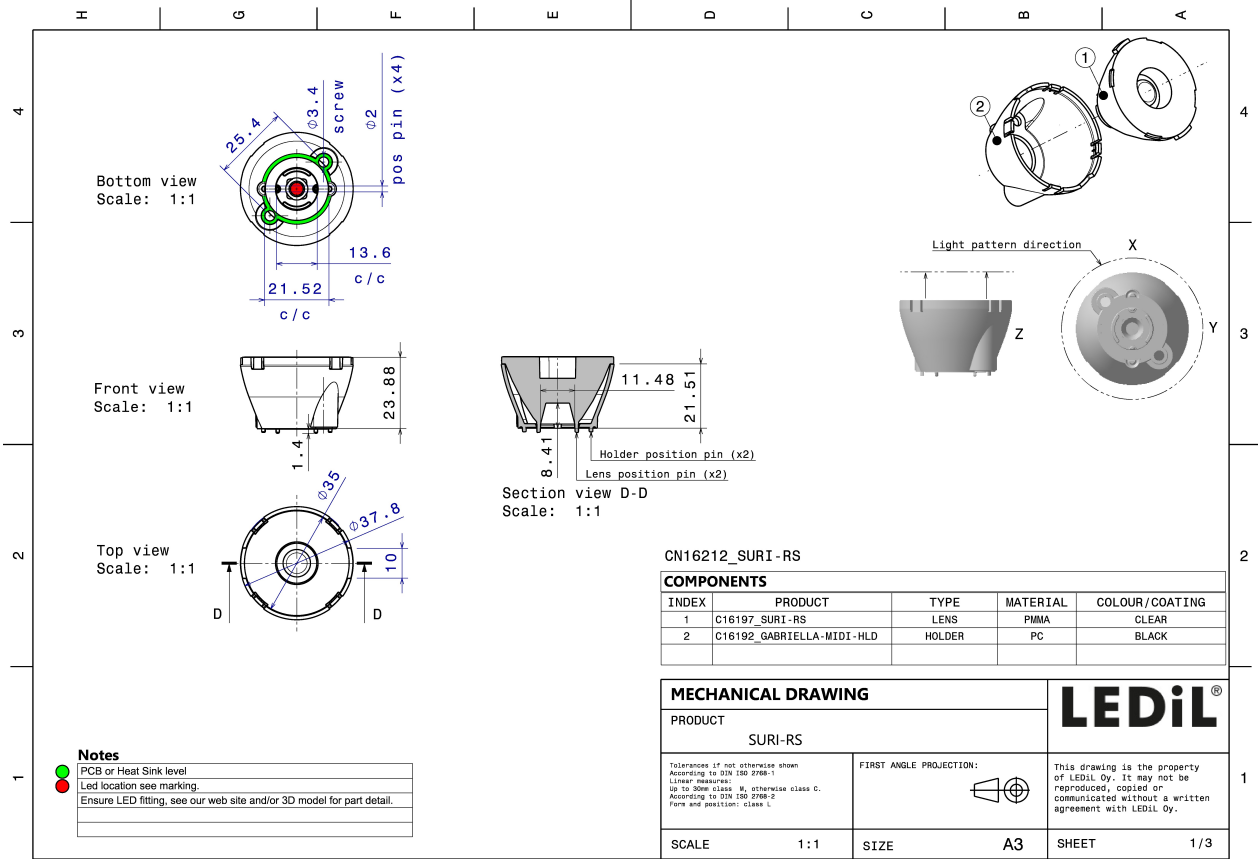
MATERIAL SPECIFICATIONS:

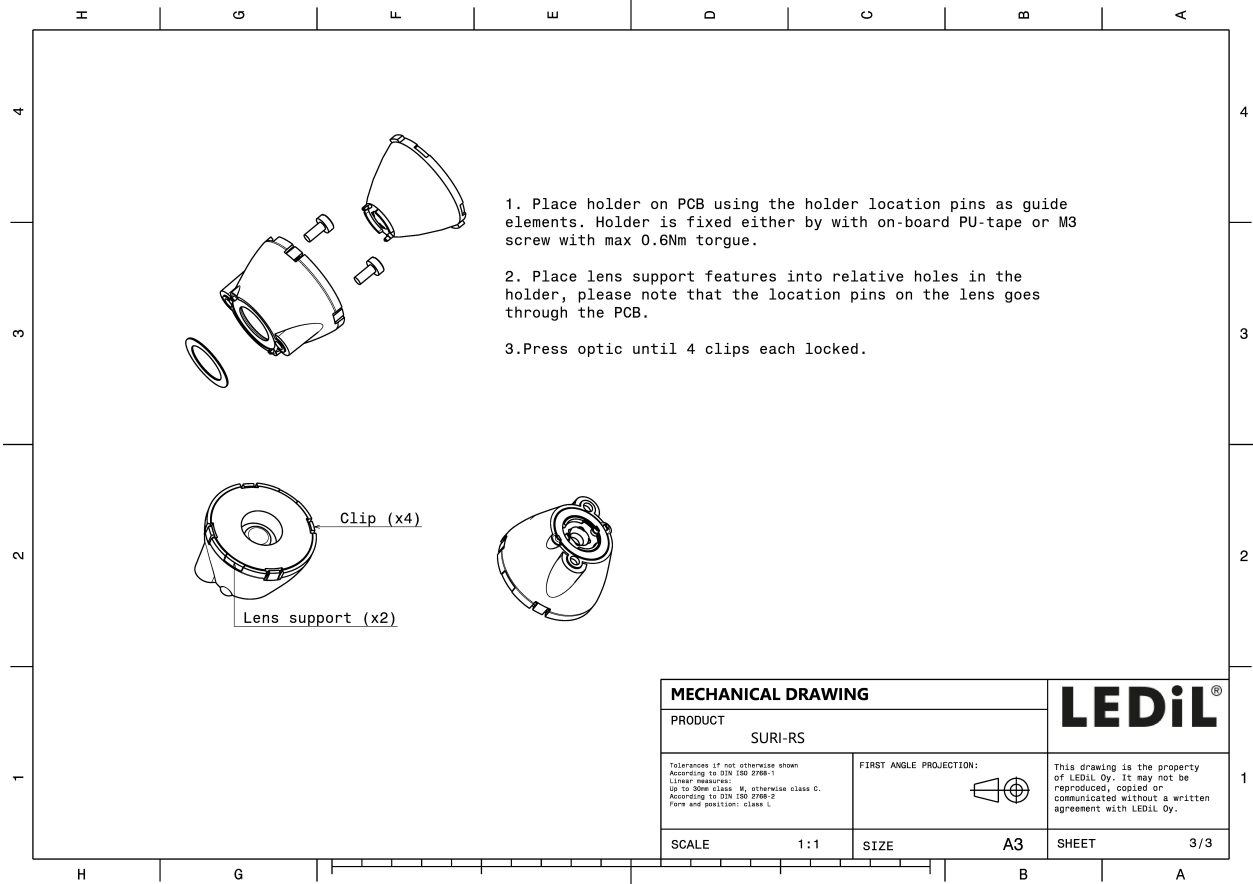
Component	Type	Material	Colour	Finish
SURI-RS	Single lens	PMMA	clear	
GABRIELLA-MIDI-HLD	Holder	PC	black	



ORDERING INFORMATION:


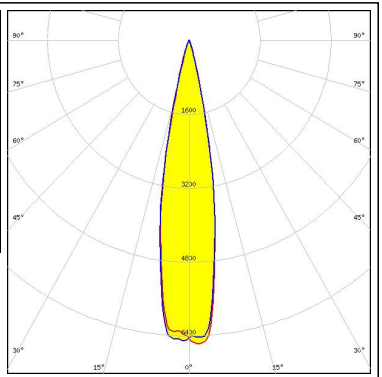

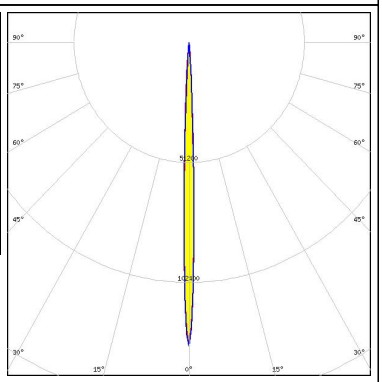

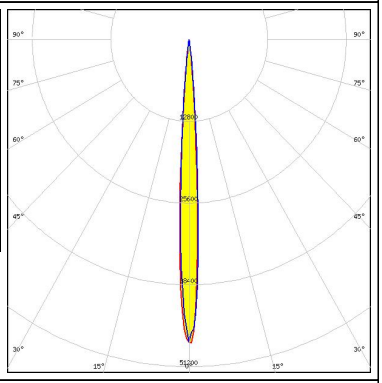

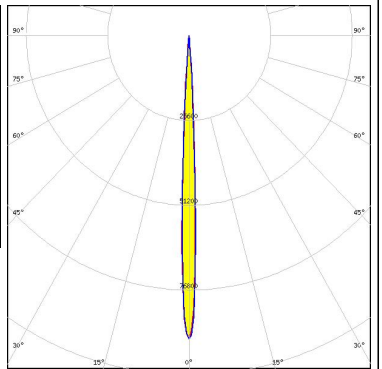
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CN16212_SURI-RS	Single lens	500	100	50	0.0
» Box size:					





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

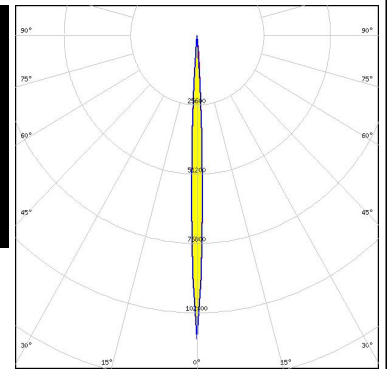
PHOTOMETRIC DATA (MEASURED):

<p>CREE → LED</p> <p>LED XHP70.2 FWHM / FWTM 20.0° / 32.0° Efficiency 88 % Peak intensity 6.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XQ-E HI FWHM / FWTM 4.0° / 8.0° Efficiency 91 % Peak intensity 129.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XT-E FWHM / FWTM 7.0° / 12.0° Efficiency 86 % Peak intensity 47.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON C FWHM / FWTM 5.0° / 9.0° Efficiency 86 % Peak intensity 91.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

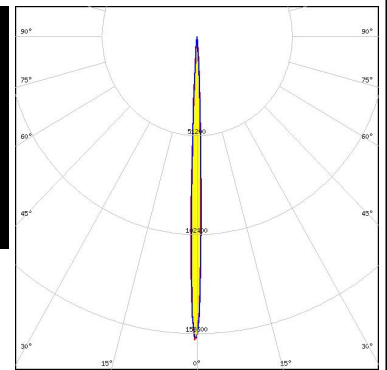
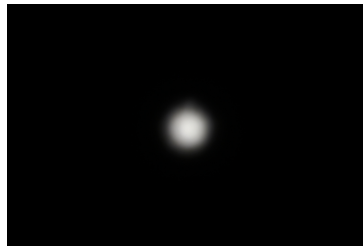
LUMILEDS

LED LUXEON CZ
 FWHM / FWTM 4.0° / 9.0°
 Efficiency 93 %
 Peak intensity 124 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



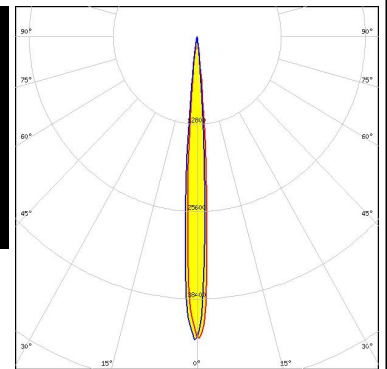
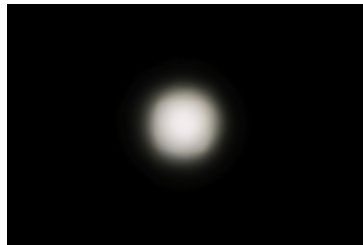
LUMILEDS

LED LUXEON Z
 FWHM / FWTM 4.0° / 7.0°
 Efficiency 92 %
 Peak intensity 158 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



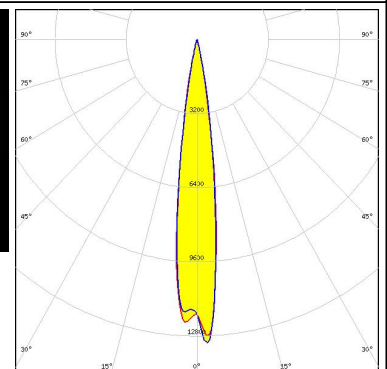
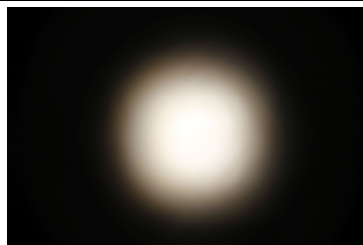
NICHIA

LED NVSW219F
 FWHM / FWTM 7.0° / 13.0°
 Efficiency 92 %
 Peak intensity 46 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


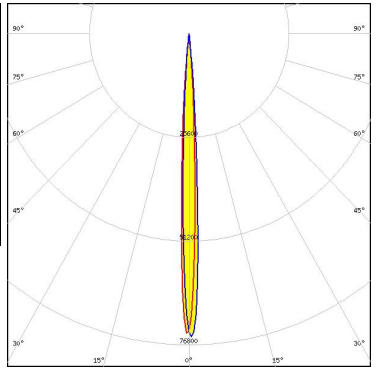

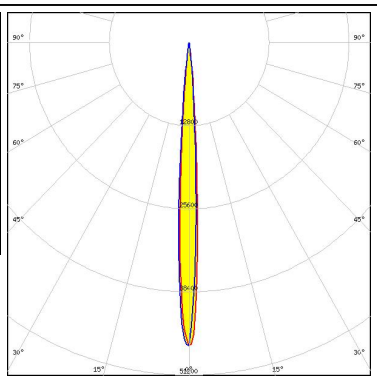

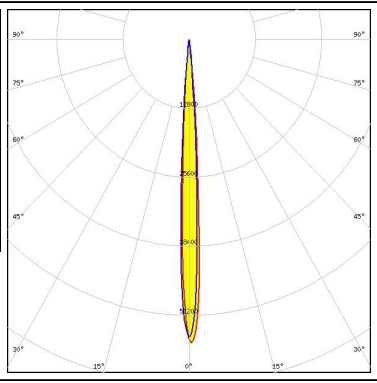

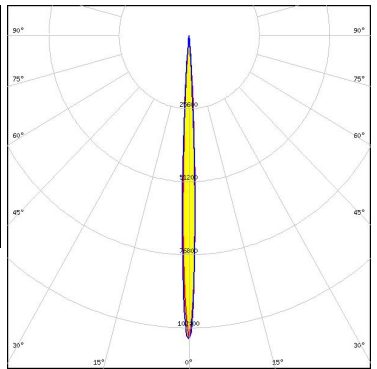


OSRAM

Opto Semiconductors
 LED Duris S8
 FWHM / FWTM 14.0° / 24.0°
 Efficiency 90 %
 Peak intensity 13.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



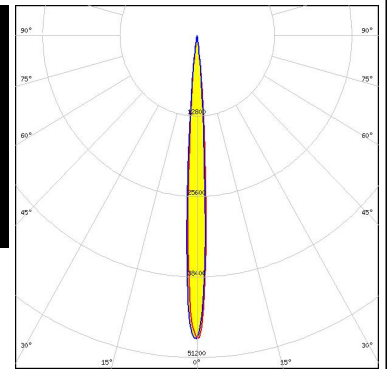
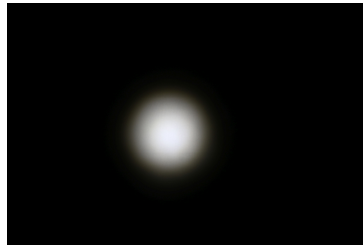
PHOTOMETRIC DATA (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED KW CULPM1.TG</p> <p>FWHM / FWTM 6.0° / 11.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 75.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3737 (2W version)</p> <p>FWHM / FWTM 7.0° / 13.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 47.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square EC</p> <p>FWHM / FWTM 6.0° / 12.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 56 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON SSL 150</p> <p>FWHM / FWTM 5.0° / 9.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 106 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

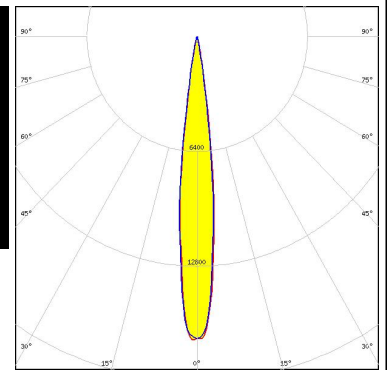
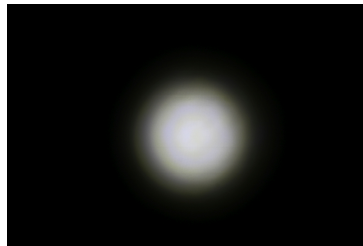
SAMSUNG

LED LH181B
 FWHM / FWTM 7.0° / 13.0°
 Efficiency 91 %
 Peak intensity 48.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



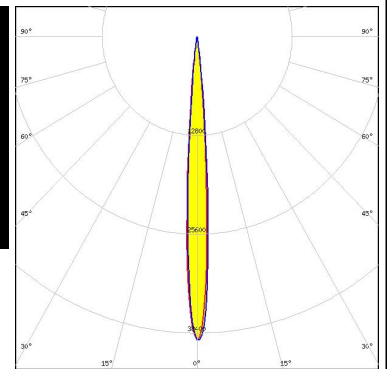
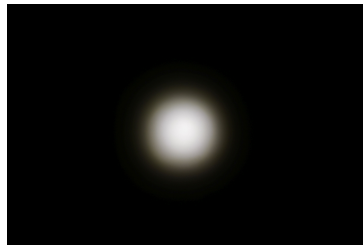
SAMSUNG

LED LH508A
 FWHM / FWTM 13.0° / 21.0°
 Efficiency 91 %
 Peak intensity 16.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


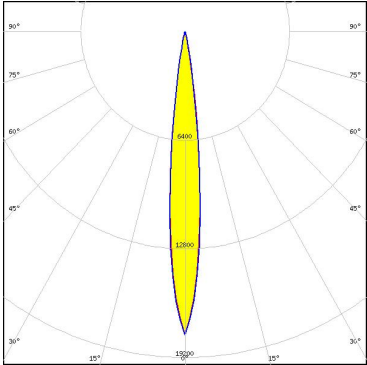

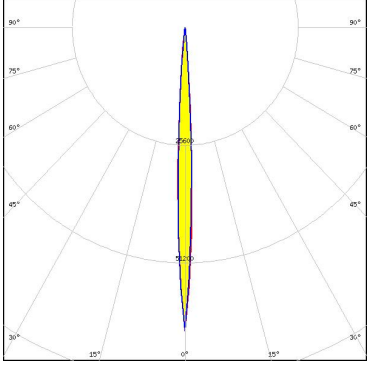

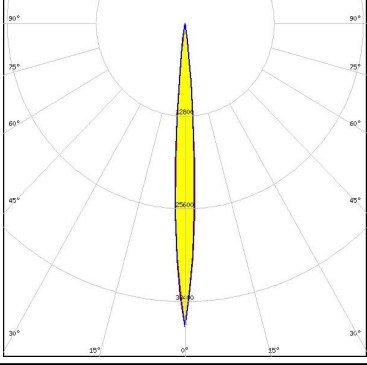

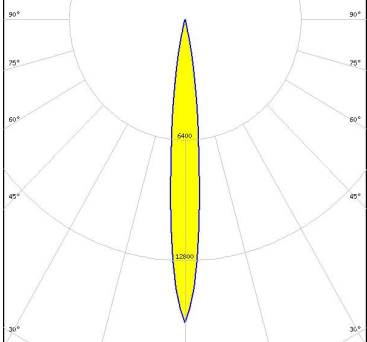


SEOUL SEMICONDUCTOR


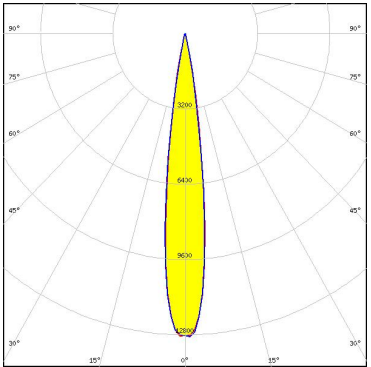

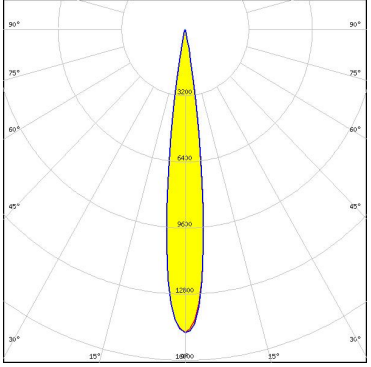

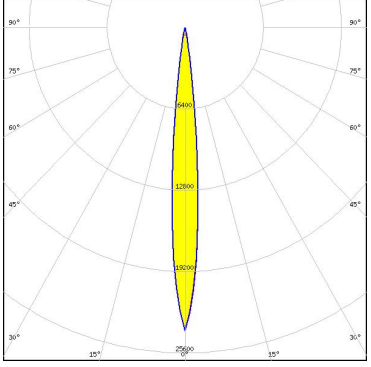

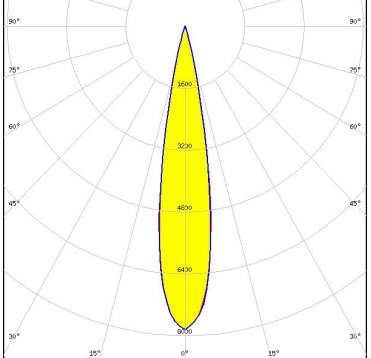
LED Z5M3
 FWHM / FWTM 8.0° / 14.0°
 Efficiency 90 %
 Peak intensity 39.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

<p> LED Bridgelux SMD 5050</p> <p>FWHM / FWTM 12.0° / 22.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 17.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED XD16</p> <p>FWHM / FWTM 6.0° / 11.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 66 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED XHP35 HI</p> <p>FWHM / FWTM 8.0° / 14.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 41.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED XHP35.2</p> <p>FWHM / FWTM 12.0° / 22.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 16.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

	<p>LED XHP50.2 FWHM / FWTM 14.0° / 24.0° Efficiency 89 % Peak intensity 13 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XHP50.3 HD FWHM / FWTM 14.0° / 22.0° Efficiency 89 % Peak intensity 14.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XHP50.3 HI FWHM / FWTM 10.0° / 18.0° Efficiency 91 % Peak intensity 23.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XHP70.3 FWHM / FWTM 18.0° / 30.0° Efficiency 88 % Peak intensity 7.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

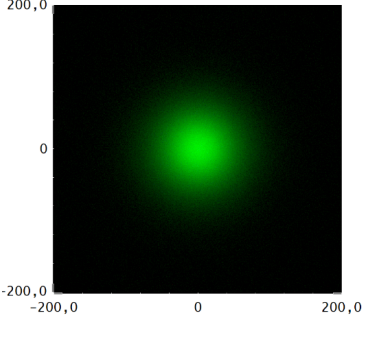
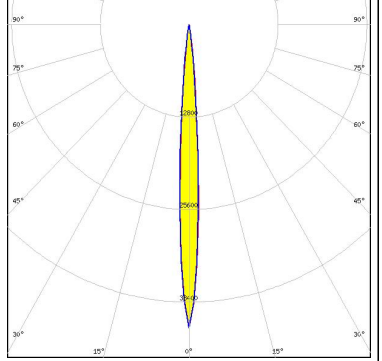
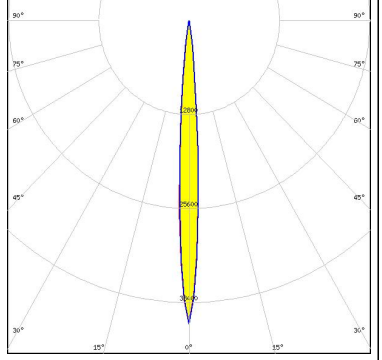
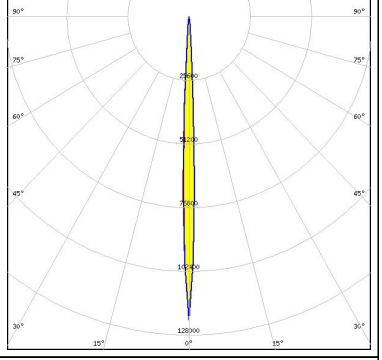
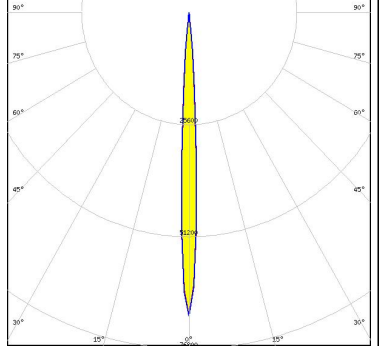
PHOTOMETRIC DATA (SIMULATED):

<p>CREE LED</p> <p>LED: XP-E2 FWHM / FWTM: 5.0° / 10.0° Efficiency: 91 % Peak intensity: 85 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE LED</p> <p>LED: XP-G2 FWHM / FWTM: 6.0° / 12.0° Efficiency: 91 % Peak intensity: 58 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE LED</p> <p>LED: XP-G2 HE FWHM / FWTM: 8.0° / 16.0° Efficiency: 91 % Peak intensity: 38 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE LED</p> <p>LED: XP-G3 FWHM / FWTM: 7.7° / 14.0° Efficiency: 90 % Peak intensity: 40.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

<p>CREE LED</p> <p>LED: XP-L HI FWHM / FWTM: 6.0° / 12.0° Efficiency: 91 % Peak intensity: 53 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE LED</p> <p>LED: XP-P FWHM / FWTM: 4.0° / 10.0° Efficiency: 94 % Peak intensity: 100 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE LED</p> <p>LED: XQ-E HD FWHM / FWTM: 5.2° / 9.5° Efficiency: 92 % Peak intensity: 96.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON 3030 2D (Round LES) FWHM / FWTM: 6.0° / 14.0° Efficiency: 90 % Peak intensity: 51.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON CZ FWHM / FWTM: 8.0° / 14.0° Efficiency: 92 % Peak intensity: 42 cd/lm LEDs/each optic: 1 Light colour: Green Required components:</p>		
<p>LUMILEDS</p> <p>LED: LUXEON Rubix (white) FWHM / FWTM: 8.0° / 14.0° Efficiency: 92 % Peak intensity: 41.3 cd/lm LEDs/each optic: 1 Light colour: Green Required components:</p>		
<p>LUMILEDS</p> <p>LED: LUXEON Rubix (white) FWHM / FWTM: 4.0° / 8.0° Efficiency: 90 % Peak intensity: 121.9 cd/lm LEDs/each optic: 1 Light colour: Blue Required components:</p>		
<p>NICHIA</p> <p>LED: NCSxE17A FWHM / FWTM: 6.0° / 10.0° Efficiency: 87 % Peak intensity: 69.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		

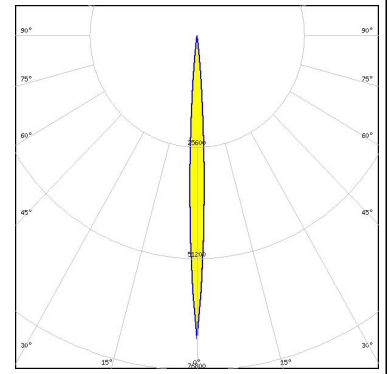
PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED NVSxE21A FWHM / FWTM 6.0° / 14.0° Efficiency 88 % Peak intensity 48.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM Square CSSRM2/CSSRM3 FWHM / FWTM 6.4° / 13.0° Efficiency 92 % Peak intensity 60.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSTAR Projection Compact (Kx.CSLNM1.xx) FWHM / FWTM 4.0° / 10.0° Efficiency 91 % Peak intensity 103.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSTAR Projection Compact (Kx.CSLNM1.xx) FWHM / FWTM 4.0° / 8.0° Efficiency 90 % Peak intensity 133.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED	LM101B
FWHM / FWTM	6.0° / 12.0°
Efficiency	90 %
Peak intensity	69.6 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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[CA16435_LXP2-SS-WAS](#) [CN16210_GABRIELLA-MIDI-W](#) [CP17137_CARMEN-M2-C](#) [CA16015_STRADA-SQ-SCL](#) [CP17594_TINA-SC-](#)
[RS](#) [CS15767_HB-2X2MX-8-M](#) [CP10960_RGBX-SS](#) [CP12395_LXP3-W](#) [CP12939_LARISA-RS-CLIP16](#) [C14636_XTM-PF-ADAPTER](#)
[CA11819_STRADA-SQ-T-DW](#) [CA14508_G2-LXP2-D](#) [CA14601_VERONICA-SQ-MINI-RS](#) [FCP13895_SEANNA-A](#) [CP12943_LARISA-](#)
[O-CLIP16](#) [FP11124_LISA2-O-PIN](#) [CS14597_HB-IP-2X6-O](#) [CP14995_FLORENTINA-HLD-O](#) [CS15158_STRADA-IP-2X6-T4-B](#)
[CS16323_STRADELLA-IP-28-HB-M](#) [FN14976_STELLA-DWC2](#) [FN15264_STELLA-HB-WWW](#) [CA15584_ZORYA-MINI-TAPE](#)
[FA15229_ROSE-MRK-S](#) [FA15232_ROSE-MRK-M](#) [FA15233_ROSE-MRK-W](#) [FCN13552_CRYSTAL-RS](#) [FN15552_RONDA-W](#)
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[FCN12775_IRIS-O](#) [CP15304_LARISA-RS-PIN](#) [FN15679_RONDA-S](#) [CA15519_VERONICA-SQ-MINI-D](#) [FP14414_LISA2-O-PIN](#)
[LL01CR-DF60L06-M2](#) [FN15993_RONDA-O](#) [FN15977_RONDA-WAS2](#) [CA14366_FLARE-MAXI-TAPE](#) [CA14442_VERONICA-SQ-W](#)
[CA14509_G2-LXP2-M-P](#) [CA15231_VERONICA-SQ-MINI-W](#) [FP11002_LISA2-W-PIN](#)