


LISA3-RS-PIN

~15° spot beam with location pin installation

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 10.0 mm
Height	7.9 mm
Fastening	glue
ROHS compliant	yes 

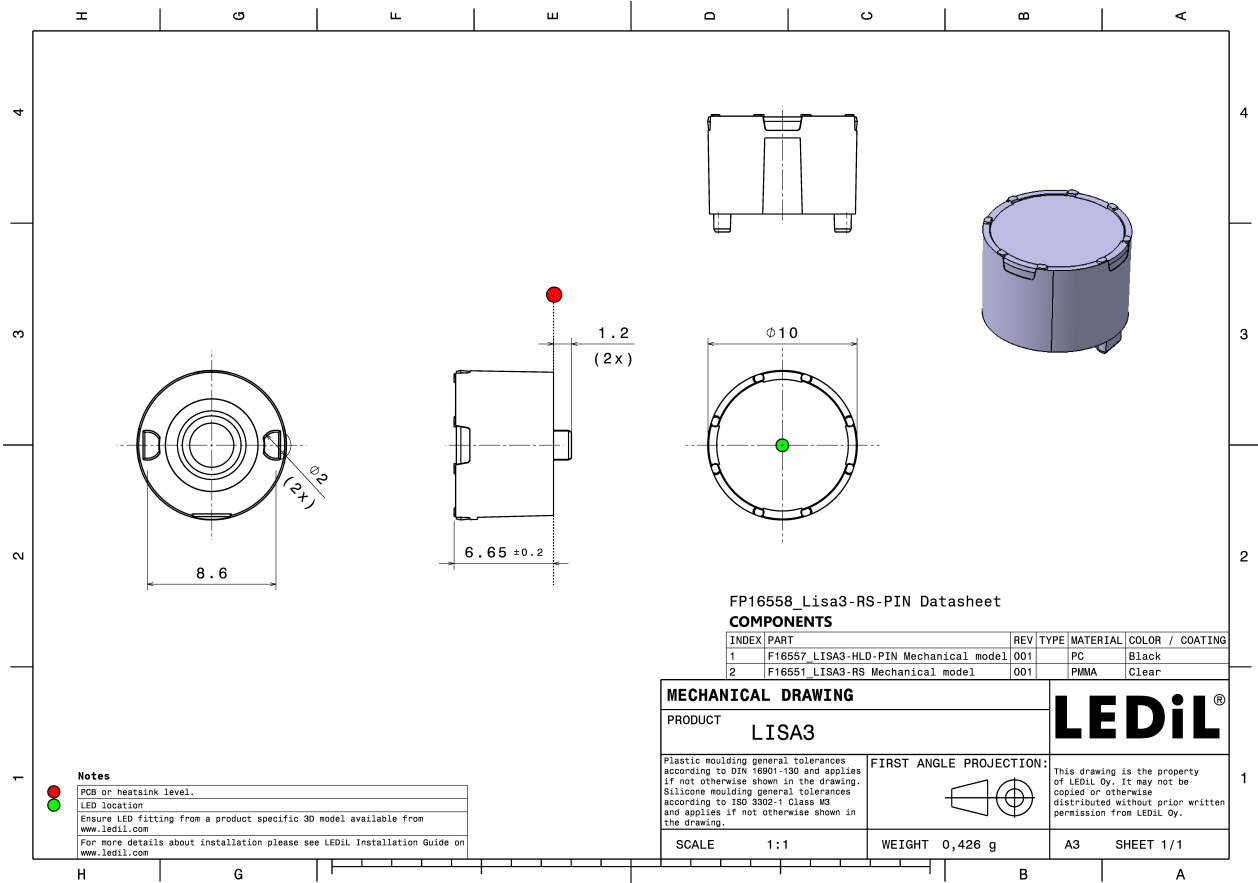
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LISA3-RS	Single lens	PMMA	clear	
LISA3-HLD-PIN	Holder	PC	black	



ORDERING INFORMATION:

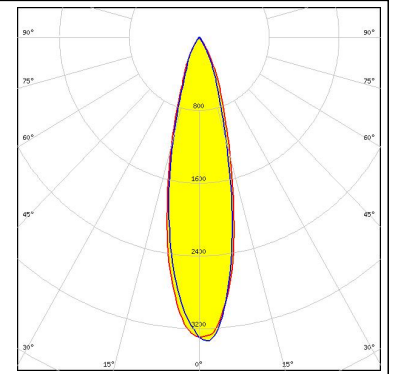
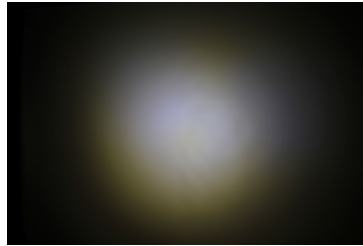
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP16558_LISA3-RS-PIN	Single lens	2000	300	100	1.3
» Box size: 310 x 230 x 60 mm					



PHOTOMETRIC DATA (MEASURED):



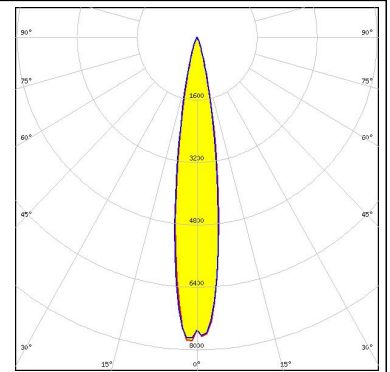
LED NF2x757G
FWHM 25.0°
Efficiency 88 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



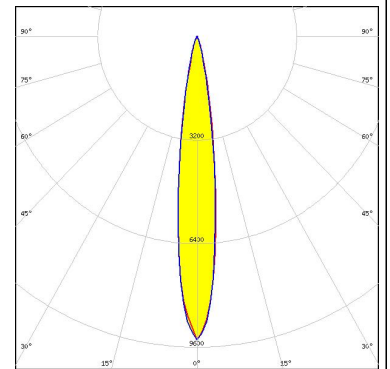
PHOTOMETRIC DATA (SIMULATED):



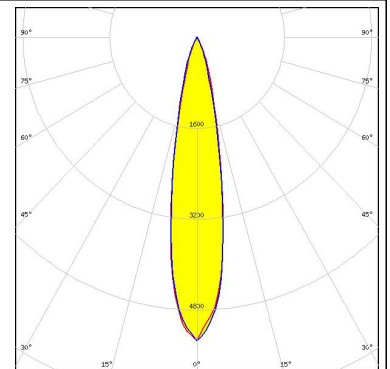
LED XP-E
 FWHM 15.0°
 Efficiency 90 %
 Peak intensity 8.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



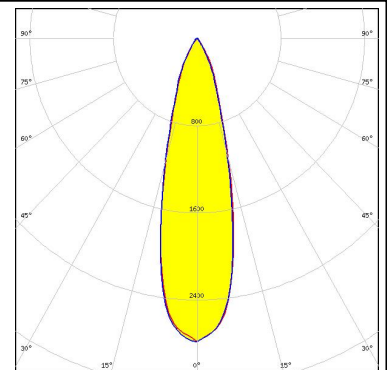
LED XP-E2
 FWHM 14.3°
 Efficiency 89 %
 Peak intensity 9.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G2
 FWHM 20.0°
 Efficiency 89 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



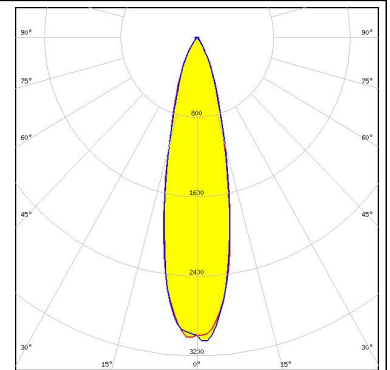
LED XP-G2 HE
 FWHM 27.0°
 Efficiency 86 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



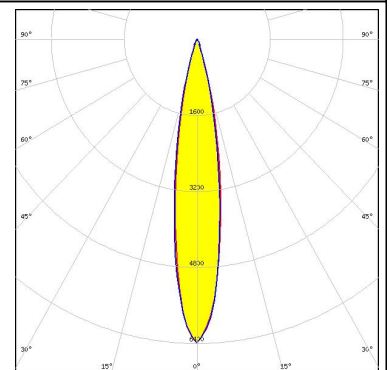
PHOTOMETRIC DATA (SIMULATED):



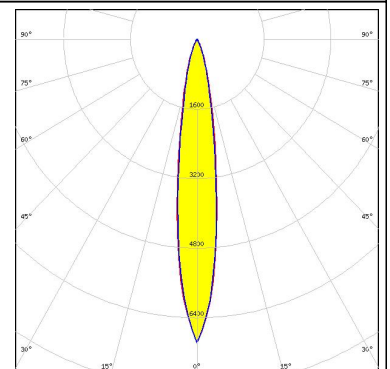
LED XP-G3
 FWHM 26.0°
 Efficiency 86 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



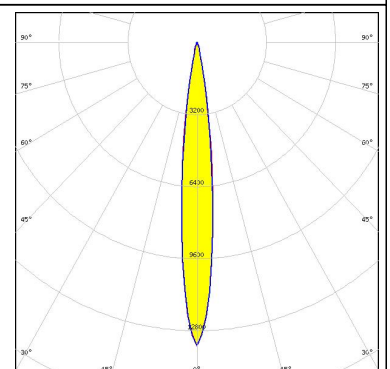
LED XQ-E HI
 FWHM 18.0°
 Efficiency 82 %
 Peak intensity 6.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON 2835 Line
 FWHM 16.0°
 Efficiency 89 %
 Peak intensity 7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



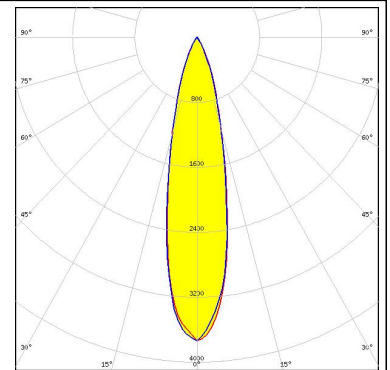
LED LUXEON CZ
 FWHM 12.0°
 Efficiency 90 %
 Peak intensity 13.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

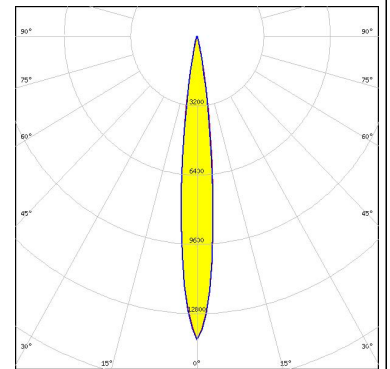
LUMILEDS

LED LUXEON V2
 FWHM 22.0°
 Efficiency 90 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



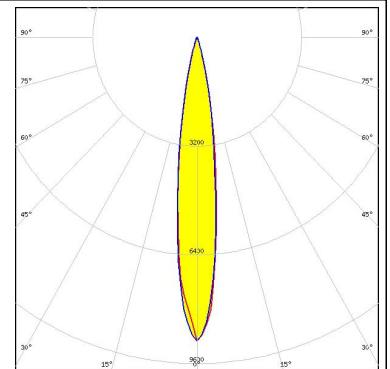
LUMILEDS

LED LUXEON Z
 FWHM 12.0°
 Efficiency 87 %
 Peak intensity 13.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



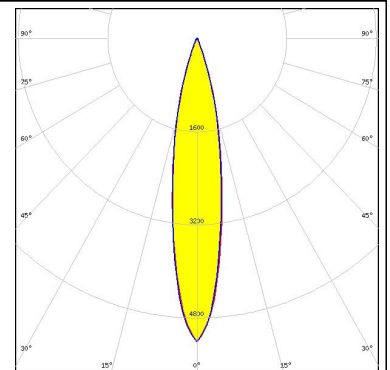
LUMILEDS

LED LUXEON Z ES
 FWHM 15.0°
 Efficiency 88 %
 Peak intensity 9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMINUS

LED SST-20
 FWHM 20.0°
 Efficiency 86 %
 Peak intensity 5.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



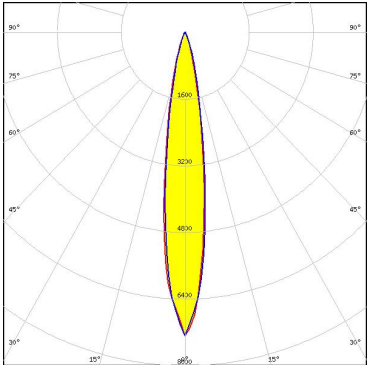
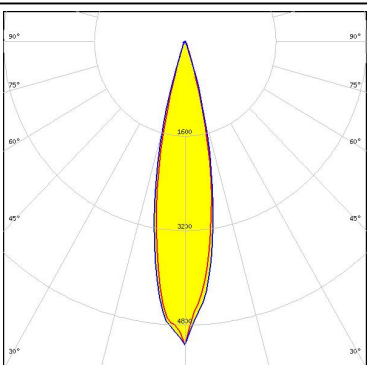
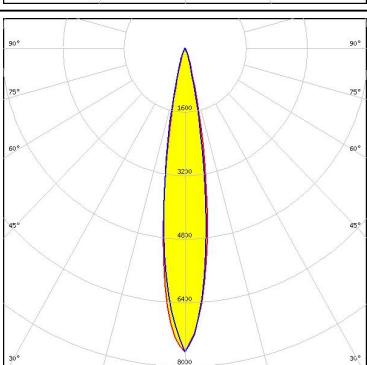
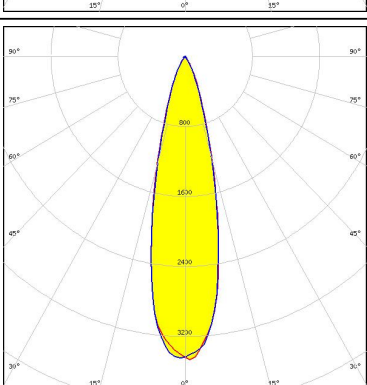
PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED: NCSxx19B FWHM: 18.0° Efficiency: 84 % Peak intensity: 5.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSW219F FWHM: 26.0° Efficiency: 88 % Peak intensity: 3.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM: 25.0° Efficiency: 85 % Peak intensity: 3.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: Duris S5 (2 chip) FWHM: 20.0° Efficiency: 87 % Peak intensity: 7.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED Duris S5 (Single chip)</p> <p>FWHM 20.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 4.5 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 3030</p> <p>FWHM 14.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 8.5 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 20.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 5.1 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 OSLOM SSL 150</p> <p>FWHM 14.5°</p> <p>Efficiency 88 %</p> <p>Peak intensity 8.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

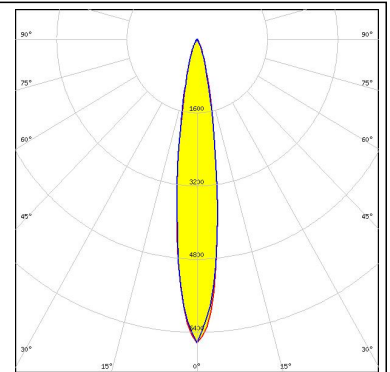
PHOTOMETRIC DATA (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED: OSOLON SSL 80 FWHM: 15.0° Efficiency: 87 % Peak intensity: 7.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: SFH 4715AS FWHM: 22.0° Efficiency: 86 % LEDs/each optic: 1 Light colour: IR Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: SFH 4716AS FWHM: 17.0° Efficiency: 87 % LEDs/each optic: 1 Light colour: IR Required components:</p>	
<p>SAMSUNG</p> <p>LED: LH351B FWHM: 26.0° Efficiency: 88 % Peak intensity: 3.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

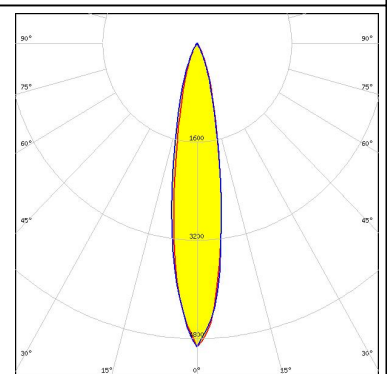
SAMSUNG

LED LM301A
FWHM 14.5°
Efficiency 87 %
Peak intensity 7.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LM302A
FWHM 16.0°
Efficiency 87 %
Peak intensity 5.3 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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<http://moschip.ru/get-element>

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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