

LISA2-M-PIN

~20° medium beam. 6.8 mm high variant with location pin installation.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	6.8 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

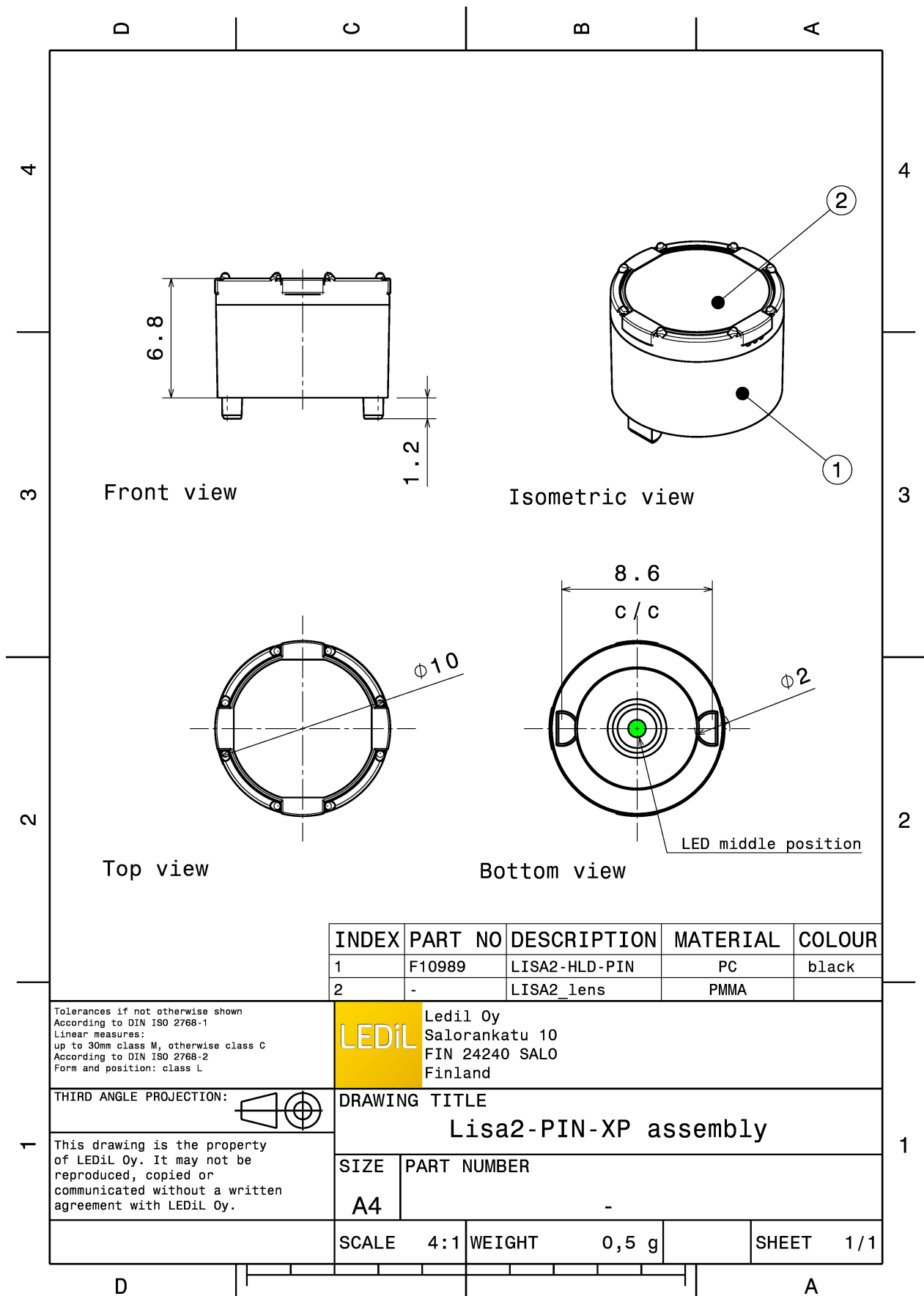
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LISA2-M	Single lens	PMMA	clear	
LISA2-HLD-PIN	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP13028_LISA2-M-PIN	Single lens	2000		100	1.4
» Box size:					

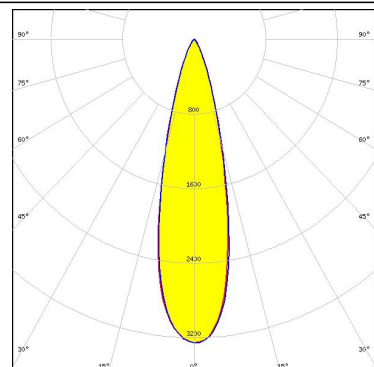




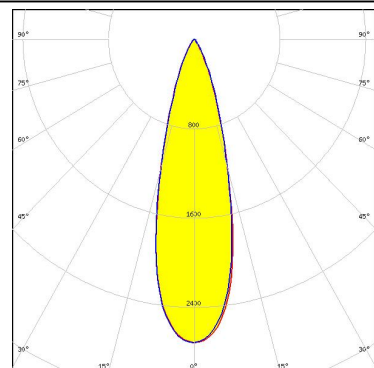
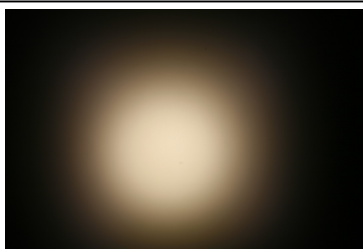
PHOTOMETRIC DATA (MEASURED):



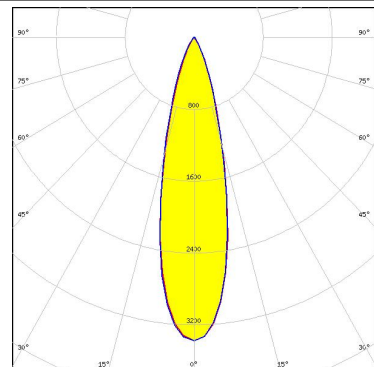
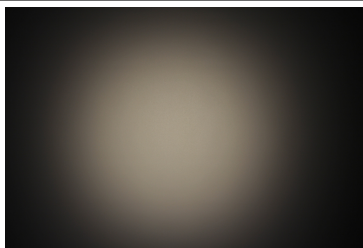
LED XT-E
FWHM 26.0°
Efficiency 89 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



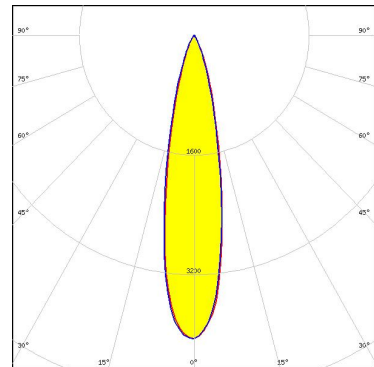
LED LUXEON T
FWHM 28.0°
Efficiency 87 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON TX
FWHM 26.0°
Efficiency 88 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



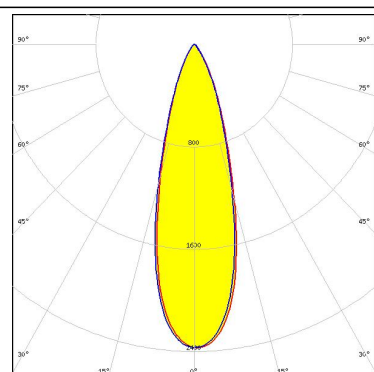
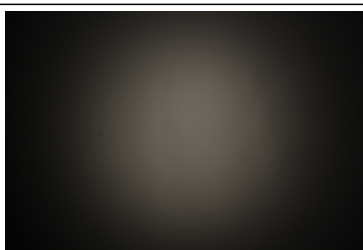
LED NCSxx19B
FWHM 23.0°
Efficiency 85 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



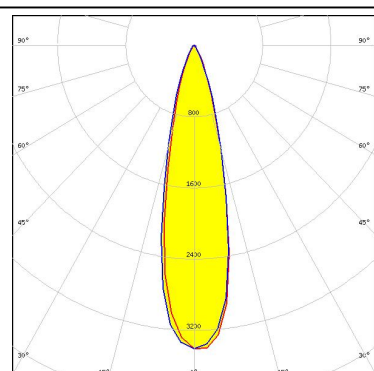
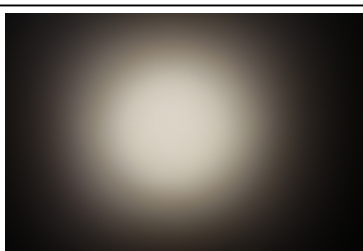
PHOTOMETRIC DATA (MEASURED):



LED NVSxx19B/NVSxx19C
 FWHM 30.0°
 Efficiency 86 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSLON Square EC
 FWHM 26.0°
 Efficiency 84 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED SFH 4715S
 FWHM 22.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:

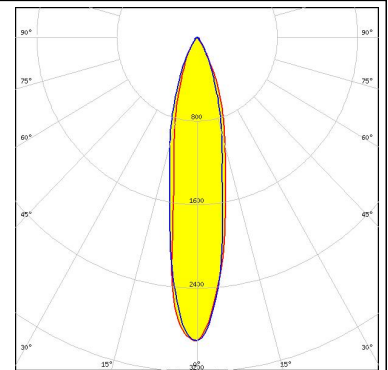
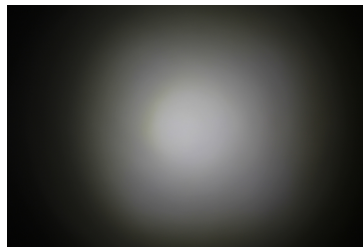


LED SFH 4725S
 FWHM 23.0°
 Efficiency 0 %
 LEDs/each optic 1
 Light colour White
 Required components:

PHOTOMETRIC DATA (MEASURED):

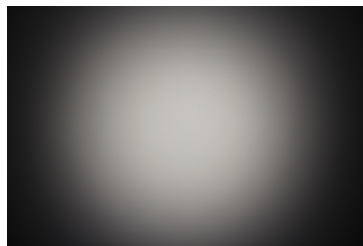
SAMSUNG

LED LH181B
FWHM 20.0°
Efficiency 78 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



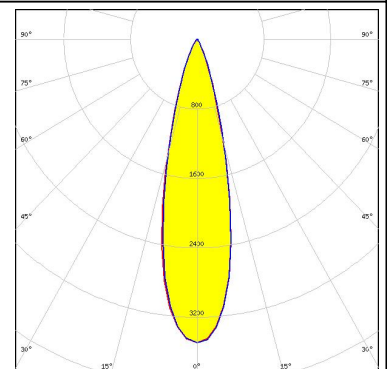
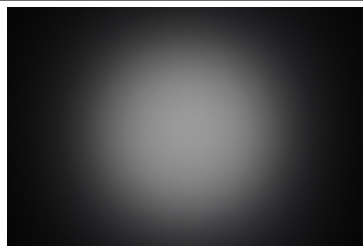
SAMSUNG

LED LH351B
FWHM 31.0°
Efficiency 87 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

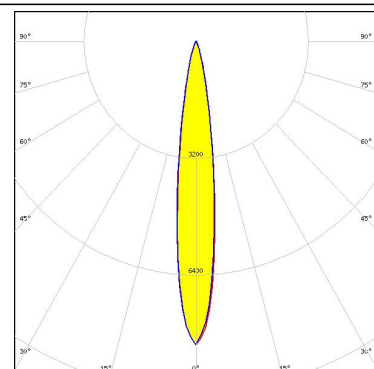
LED LH351Z
FWHM 26.0°
Efficiency 87 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



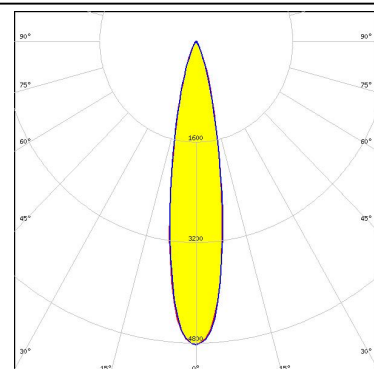
LED LUXEON IR Compact
 FWHM 15.0°
 Efficiency 85 %
 LEDs/each optic 1
 Light colour IR
 Required components:



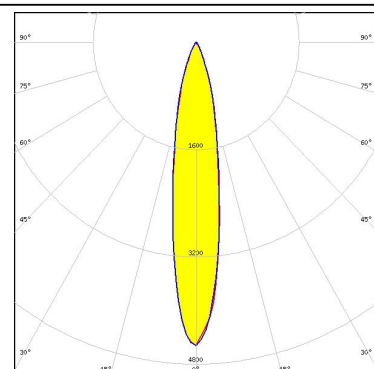
LED LUXEON IR Domed 150
 FWHM 20.0°
 Efficiency 88 %
 LEDs/each optic 1
 Light colour White
 Required components:



LED SST-20
 FWHM 20.0°
 Efficiency 89 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxE21A
 FWHM 18.0°
 Efficiency 85 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

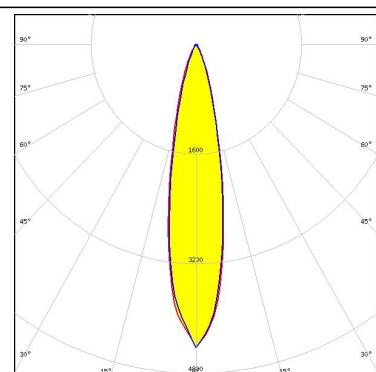


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

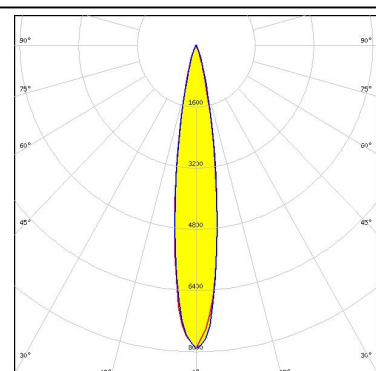
LED OSLON Square CSSRM2/CSSRM3
 FWHM 21.0°
 Efficiency 91 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

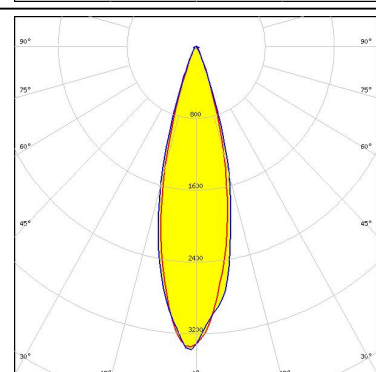
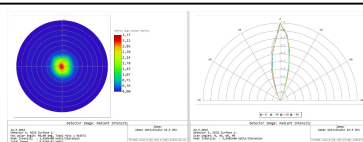
LED OSLON SSL 150
 FWHM 16.0°
 Efficiency 91 %
 Peak intensity 7.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

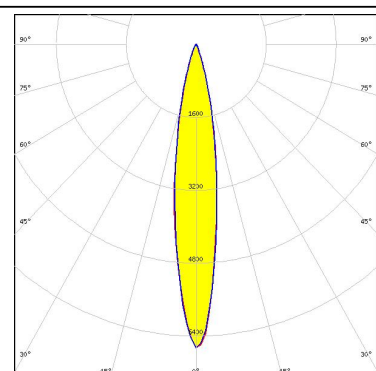
LED SFH 4715AS
 FWHM 26.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

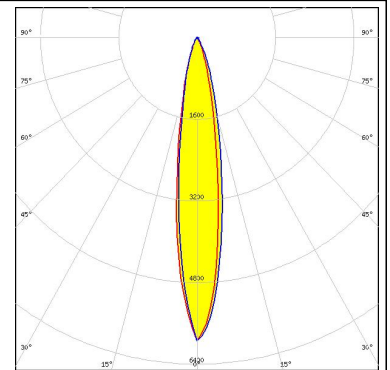
LED SFH 4716AS
 FWHM 16.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

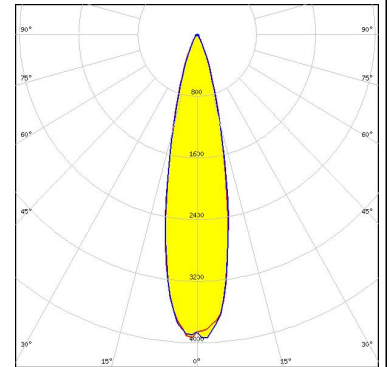
OSRAM
Opto Semiconductors

LED SFH 4770S
FWHM 17.0°
Efficiency 90 %
Peak intensity 5.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



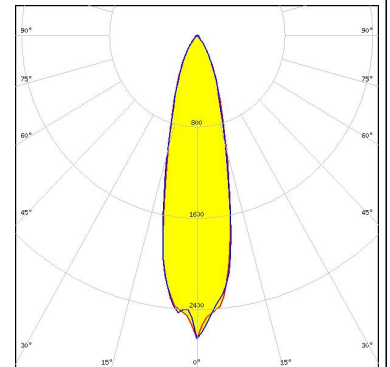
SEOUL
SEMICONDUCTOR

LED Z5M1/Z5M2
FWHM 23.0°
Efficiency 91 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL
SEMICONDUCTOR

LED Z8Y22P
FWHM 25.0°
Efficiency 84 %
Peak intensity 2.7 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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