


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 

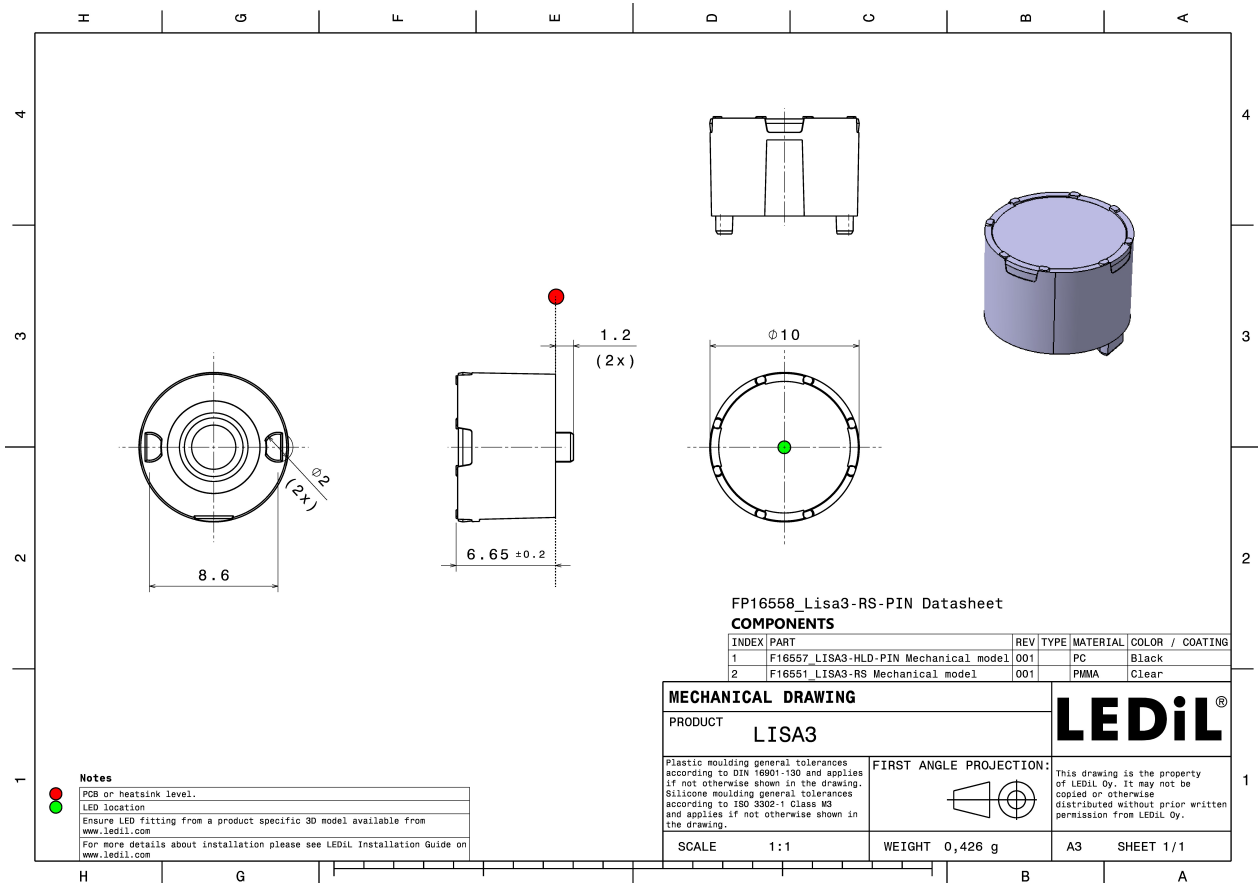
MATERIAL SPECIFICATIONS:

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					

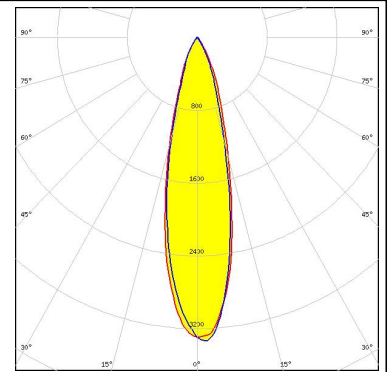
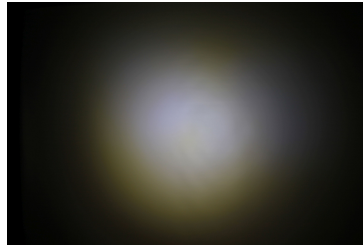




PHOTOMETRIC DATA (MEASURED):



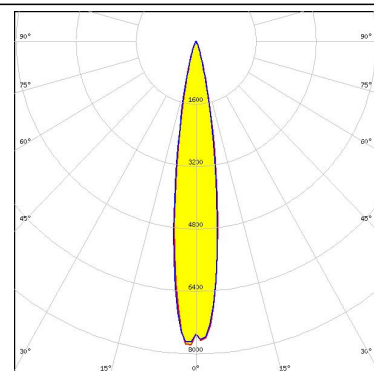
LED NF2x757G
FWHM 25.0°
Efficiency 88 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



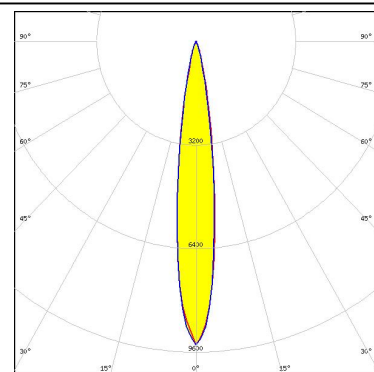
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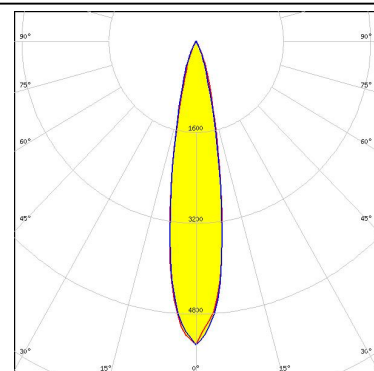
LED XP-E
FWHM 15.0°
Efficiency 90 %
Peak intensity 8.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



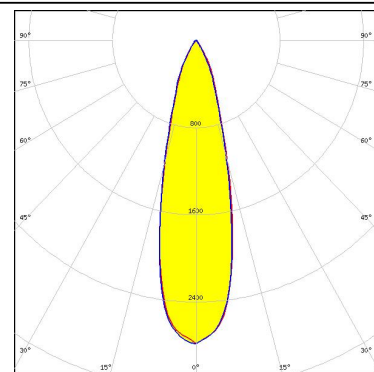
LED XP-E2
FWHM 14.3°
Efficiency 89 %
Peak intensity 9.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



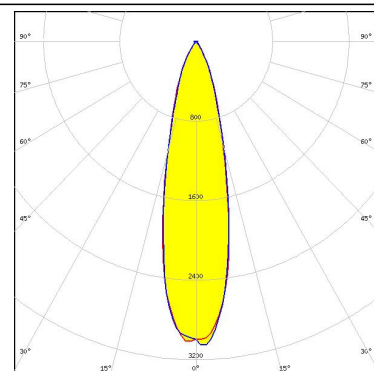
LED XP-G2 HE
FWHM 27.0°
Efficiency 86 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



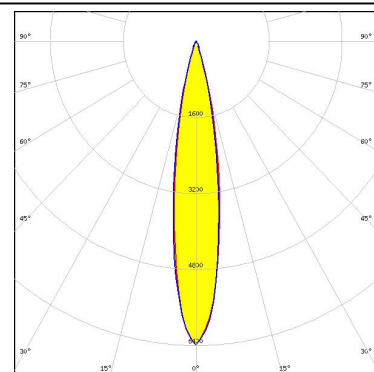
PHOTOMETRIC DATA (SIMULATED):



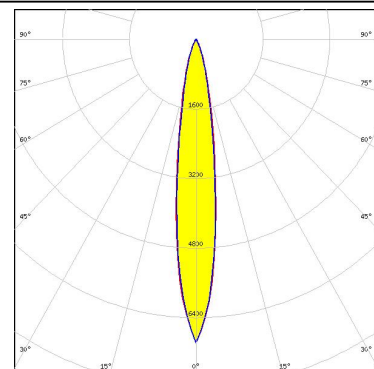
LED XP-G3
FWHM 26.0°
Efficiency 86 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



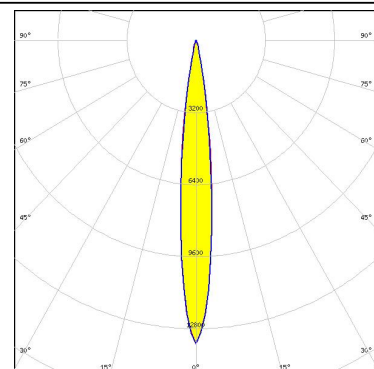
LED XQ-E HI
FWHM 18.0°
Efficiency 82 %
Peak intensity 6.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



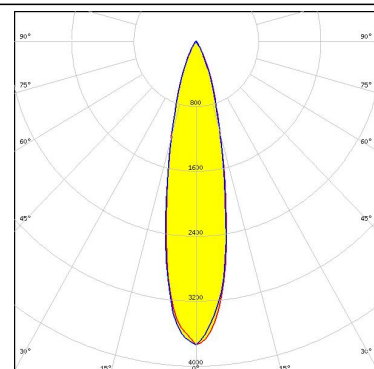
LED LUXEON CZ
FWHM 12.0°
Efficiency 90 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

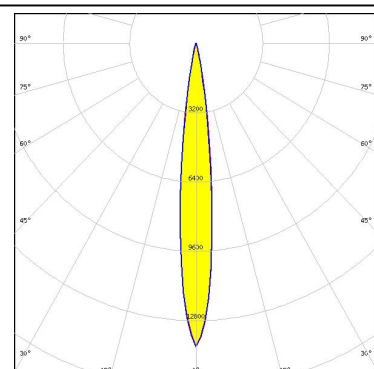
LUMILEDS

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



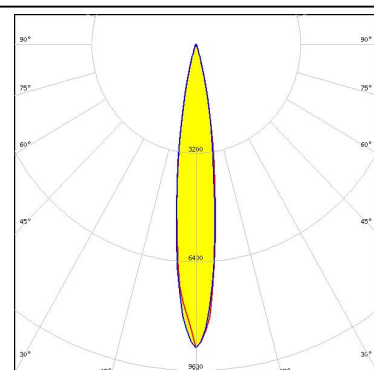
LUMILEDS

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



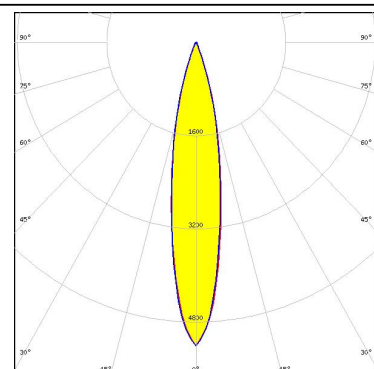
LUMILEDS

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



LUMINUS

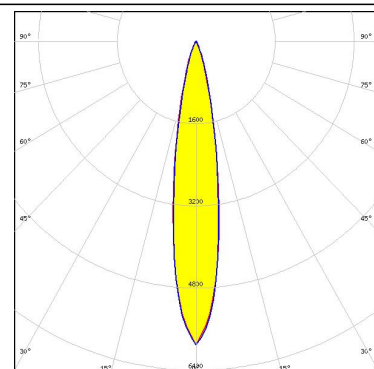
LED SST-20
FWHM 20.0°
Efficiency 86 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



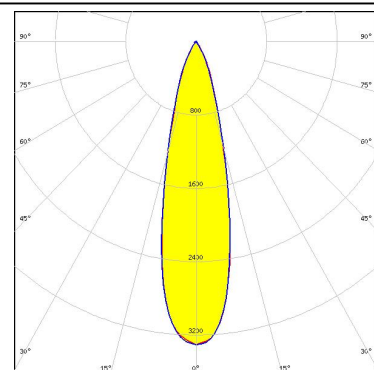
PHOTOMETRIC DATA (SIMULATED):



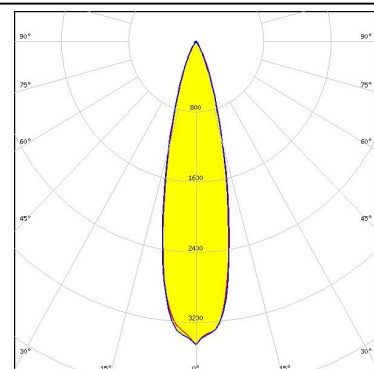
LED NCSxx19B
FWHM 18.0°
Efficiency 84 %
Peak intensity 5.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



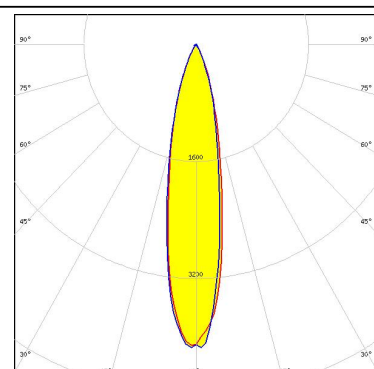
LED NVSW219F
FWHM 26.0°
Efficiency 88 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM 25.0°
Efficiency 85 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:

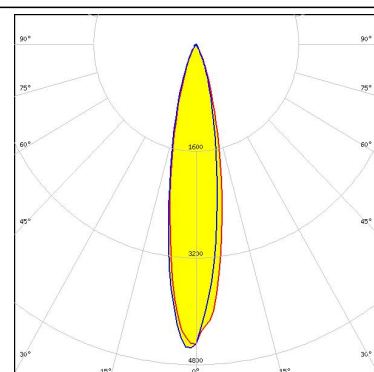


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

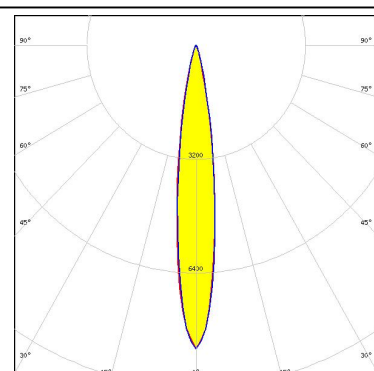
LED Duris S5 (Single chip)
 FWHM 20.0°
 Efficiency 86 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

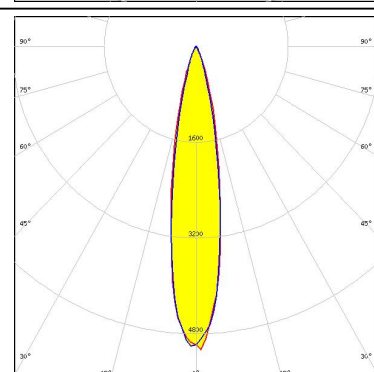
LED OSCONIQ P 3030
 FWHM 14.0°
 Efficiency 86 %
 Peak intensity 8.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

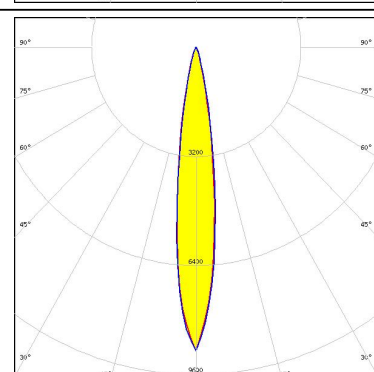
LED OSCONIQ P 3737 (2W version)
 FWHM 20.0°
 Efficiency 88 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

LED OSLOM SSL 150
 FWHM 14.5°
 Efficiency 88 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

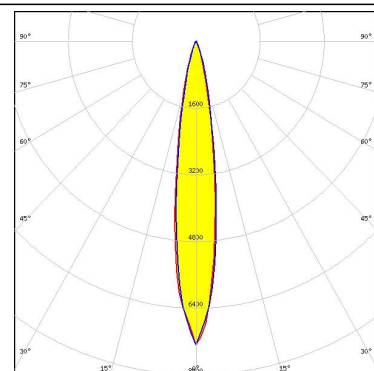


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

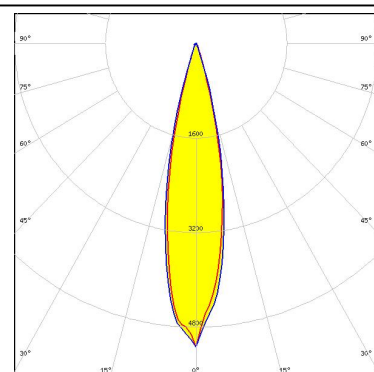
LED OSLON SSL 80
FWHM 15.0°
Efficiency 87 %
Peak intensity 7.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

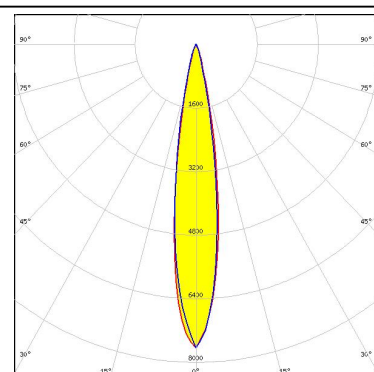
LED SFH 4715AS
FWHM 22.0°
Efficiency 86 %
LEDs/each optic 1
Light colour IR
Required components:



OSRAM

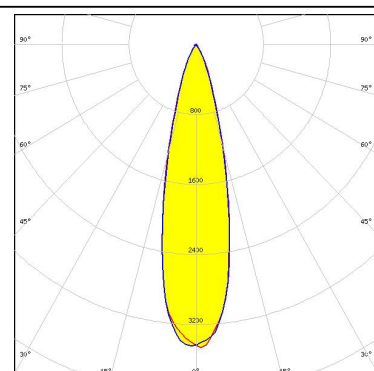
Opto Semiconductors

LED SFH 4716AS
FWHM 17.0°
Efficiency 87 %
LEDs/each optic 1
Light colour IR
Required components:



SAMSUNG

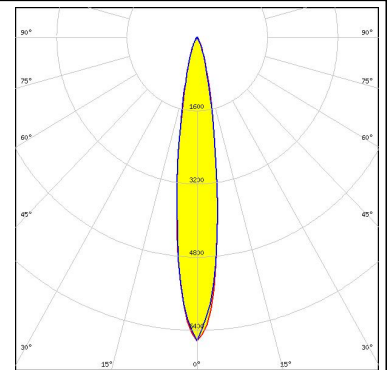
LED LH351B
FWHM 26.0°
Efficiency 88 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

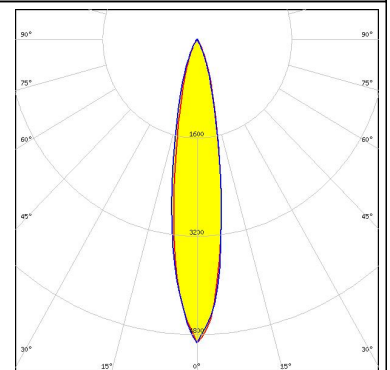
SAMSUNG

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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

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