

LISA3-RS-PIN

~15° spot beam with location pin installation

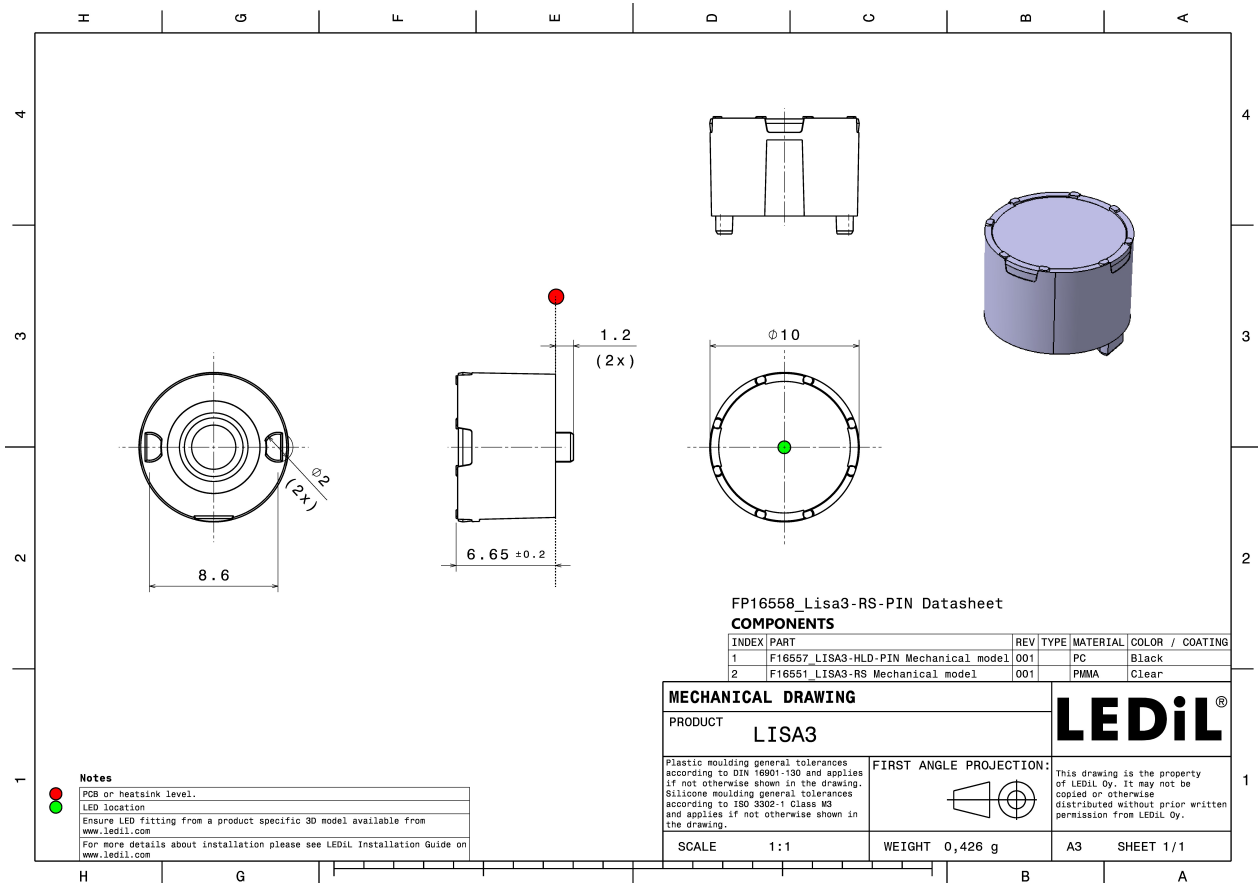
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 10.0 mm
Height	7.9 mm
Fastening	glue
Colour	black
Box size	310 x 230 x 60 mm
Box weight	1.3 kg
Quantity in Box	2000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

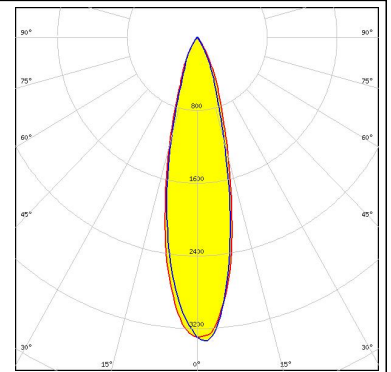
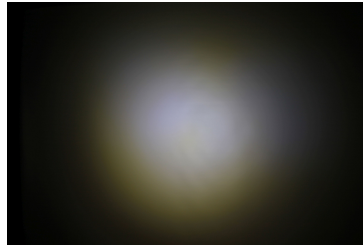
Component	Type	Material	Colour
LISA3-RS	Single lens	PMMA	clear
LISA3-HLD-PIN	Holder	PC	black



PHOTOMETRIC DATA (MEASURED):



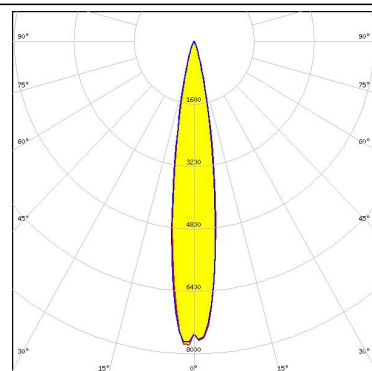
LED NF2x757G
FWHM 25.0°
Efficiency 88 %
Peak intensity 3.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



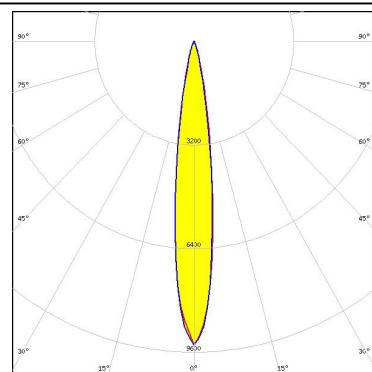
PHOTOMETRIC DATA (SIMULATED):



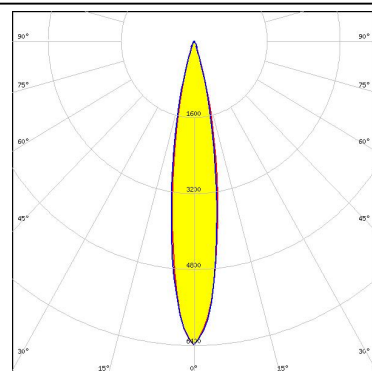
LED XP-E
FWHM 15.0°
Efficiency 90 %
Peak intensity 8.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



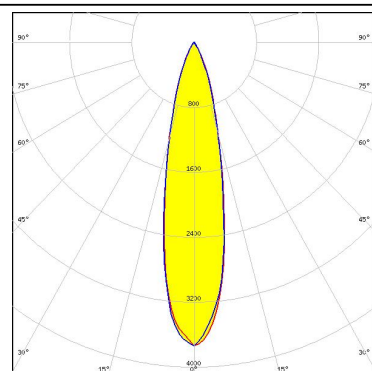
LED XP-E2
FWHM 14.3°
Efficiency 89 %
Peak intensity 9.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HI
FWHM 18.0°
Efficiency 82 %
Peak intensity 6.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



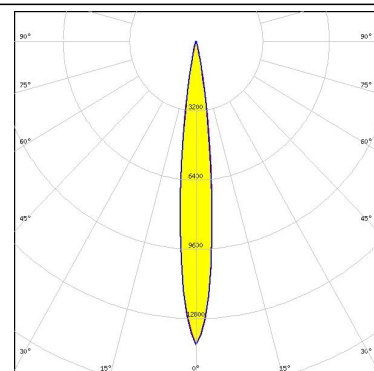
LED LUXEON V2
FWHM 22.0°
Efficiency 90 %
Peak intensity 3.780 cd/lm
LEDs/each optic 1
Light colour White
Required components:



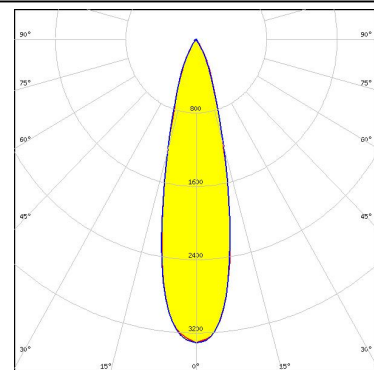
PHOTOMETRIC DATA (SIMULATED):



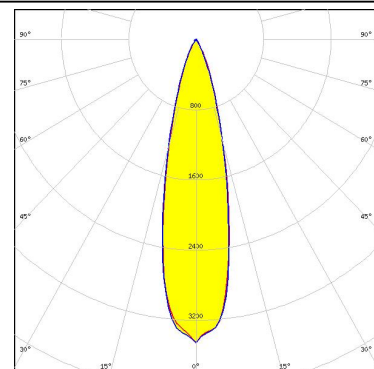
LED LUXEON Z
FWHM 12.0°
Efficiency 87 %
Peak intensity 13.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



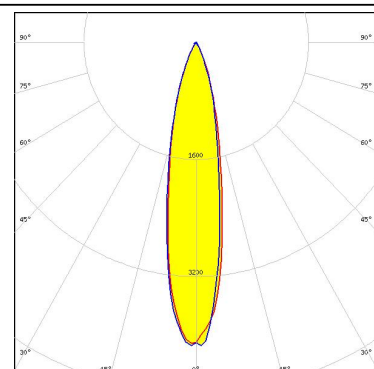
LED NVSW219F
FWHM 26.0°
Efficiency 88 %
Peak intensity 3.320 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM 25.0°
Efficiency 85 %
Peak intensity 3.470 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Duris S5 (2 chip)
FWHM 20.0°
Efficiency 87 %
Peak intensity 7.050 cd/lm
LEDs/each optic 1
Light colour White
Required components:

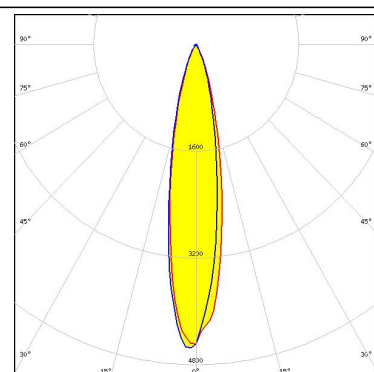


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

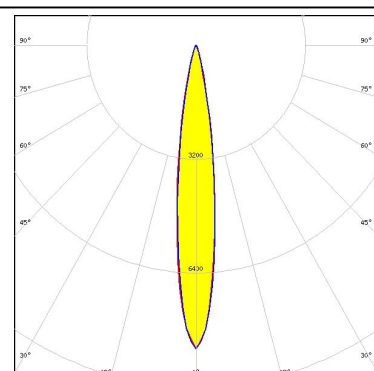
LED Duris S5 (Single chip)
 FWHM 20.0°
 Efficiency 86 %
 Peak intensity 4.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

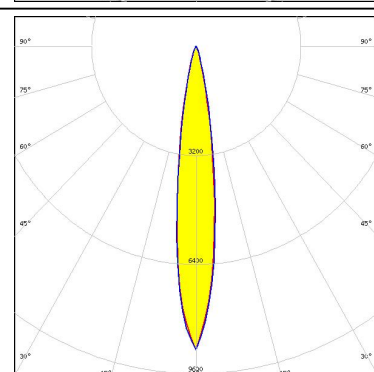
LED OSCONIQ P 3030
 FWHM 14.0°
 Efficiency 86 %
 Peak intensity 8.535 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

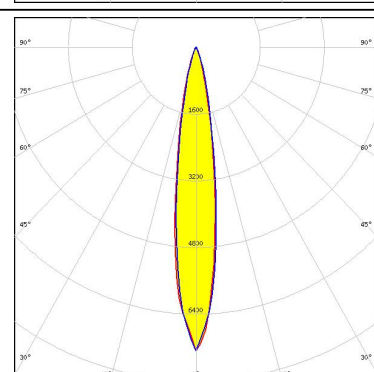
LED OSLOM SSL 150
 FWHM 14.5°
 Efficiency 88 %
 Peak intensity 8.740 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

LED OSLOM SSL 80
 FWHM 15.0°
 Efficiency 87 %
 Peak intensity 7.550 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



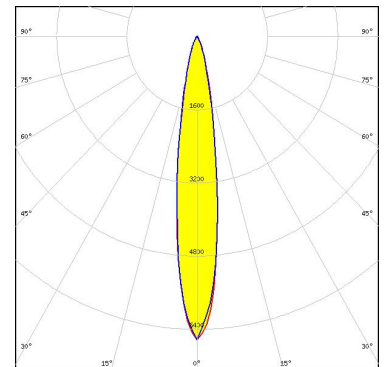
PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED LH351B
FWHM 26.0°
Efficiency 88 %
Peak intensity 3.469 cd/lm
LEDs/each optic 1
Light colour White
Required components:

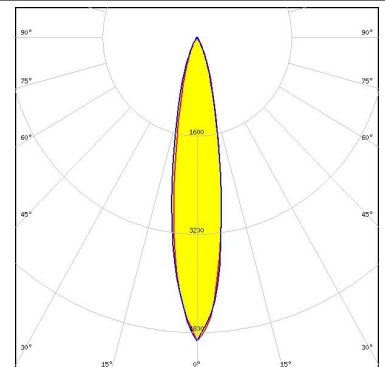
SAMSUNG

LED LM301A
FWHM 14.5°
Efficiency 87 %
Peak intensity 7.050 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LM302A
FWHM 16.0°
Efficiency 87 %
Peak intensity 5.300 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

Salu, Finland
Hong Kong, China

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