


LISA3-M-PIN

~25° medium beam with location pin installation

TECHNICAL SPECIFICATIONS:

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

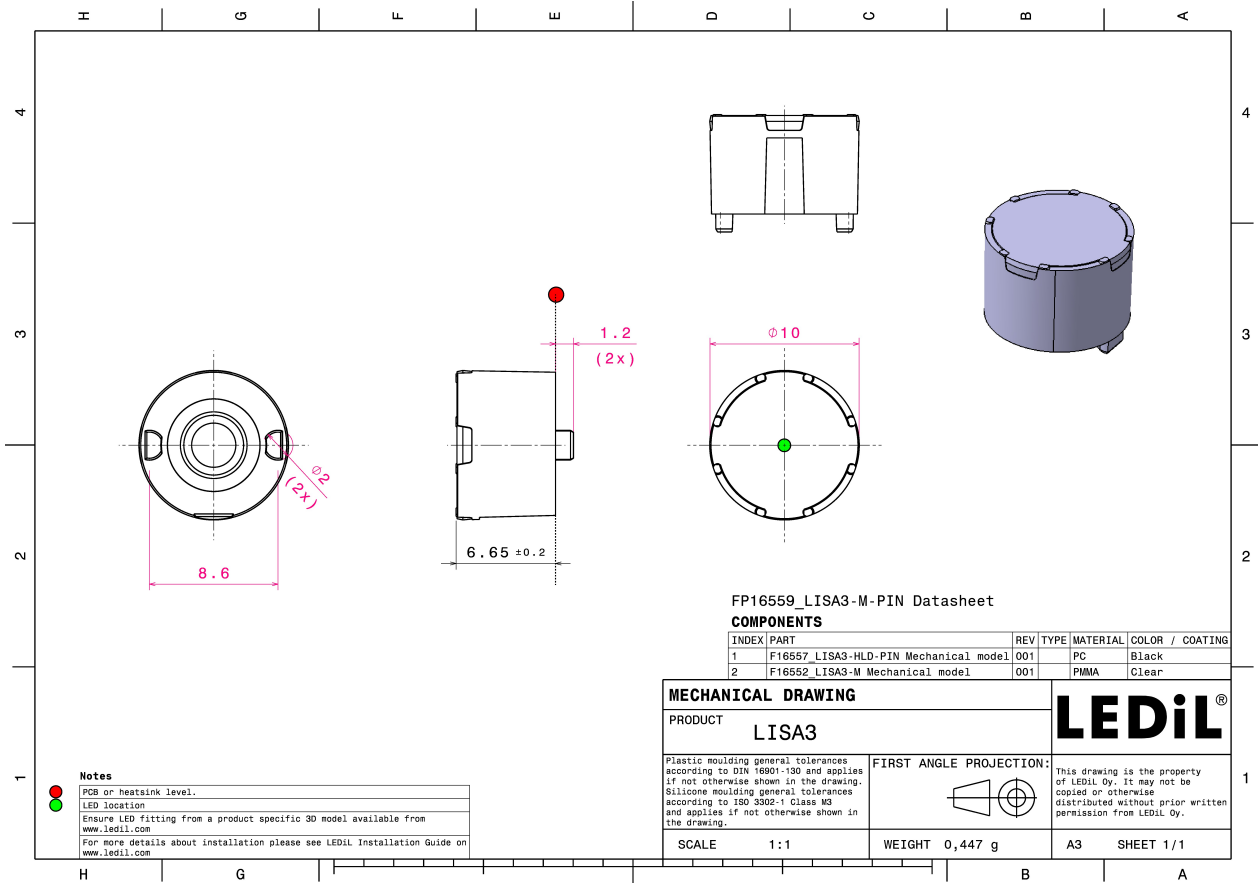
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

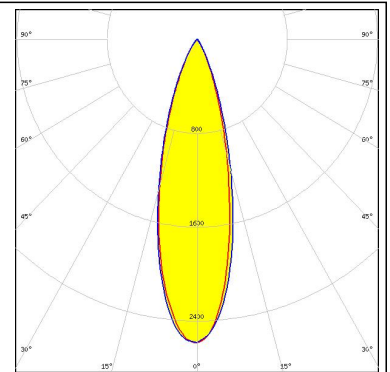
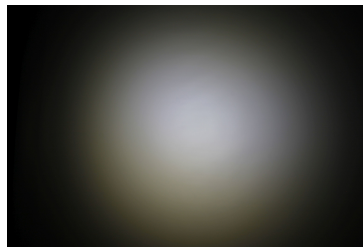
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP16559_LISA3-M-PIN	Single lens	2000	300	100	1.3
» Box size: 310 x 230 x 60 mm					



PHOTOMETRIC DATA (MEASURED):



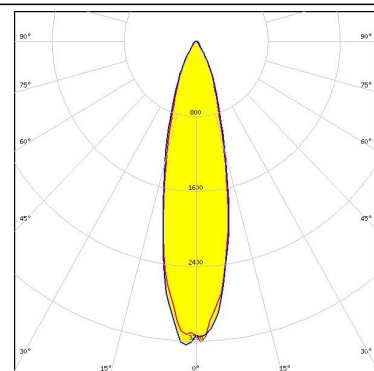
LED NF2x757G
FWHM 28.0°
Efficiency 79 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



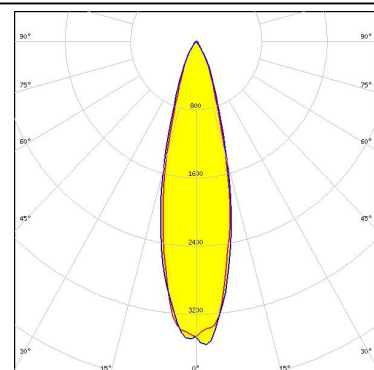
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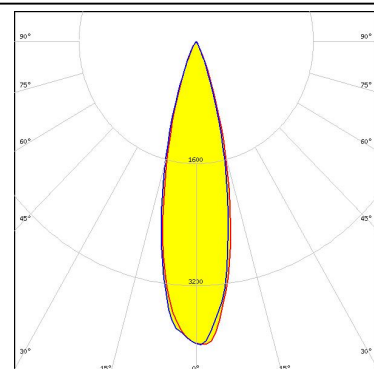
LED XD16
FWHM 25.0°
Efficiency 80 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



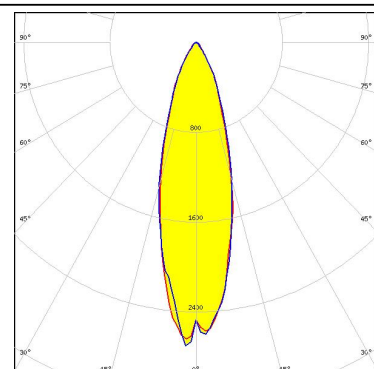
LED XP-E
FWHM 28.0°
Efficiency 90 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-E2
FWHM 25.0°
Efficiency 89 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



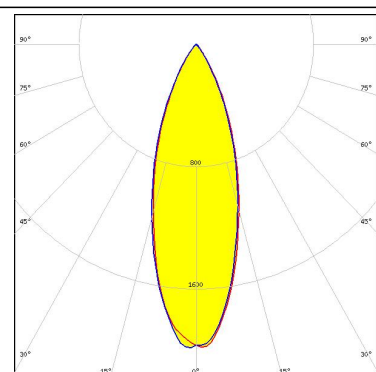
LED XP-G
FWHM 30.0°
Efficiency 88 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



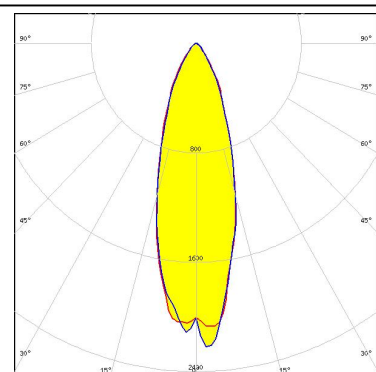
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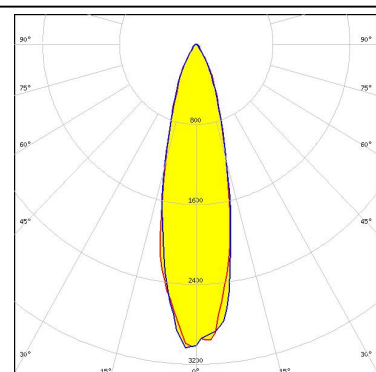
LED XP-G2 HE
FWHM 34.0°
Efficiency 86 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



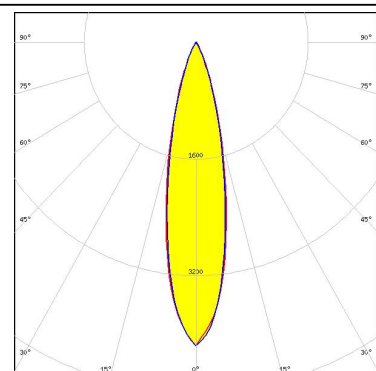
LED XP-G3
FWHM 28.0°
Efficiency 85 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XT-E
FWHM 24.0°
Efficiency 82 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



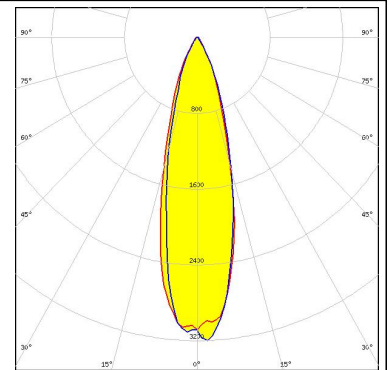
LED LUXEON 2835 Line
FWHM 23.0°
Efficiency 89 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

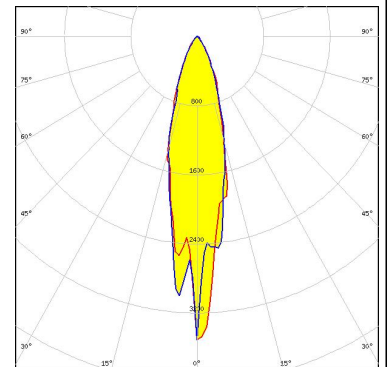
LUMILEDS

LED LUXEON 3030 2D (Round LES)
 FWHM 25.0°
 Efficiency 85 %
 Peak intensity 4.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



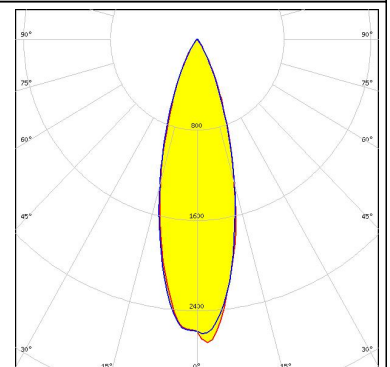
LUMILEDS

LED LUXEON TX
 FWHM 28.0°
 Efficiency 87 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



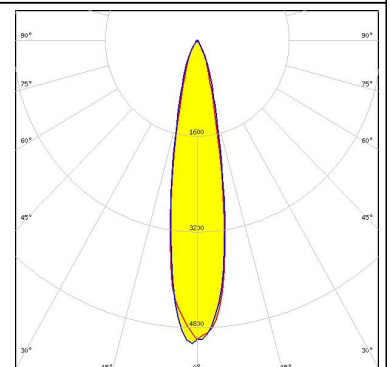
LUMILEDS

LED LUXEON V2
 FWHM 30.0°
 Efficiency 90 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

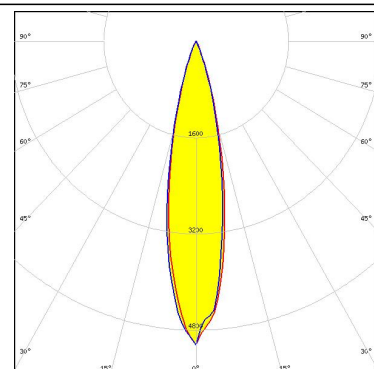
LED LUXEON Z
 FWHM 20.0°
 Efficiency 88 %
 Peak intensity 6.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



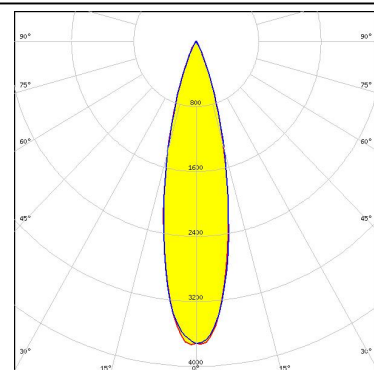
PHOTOMETRIC DATA (SIMULATED):



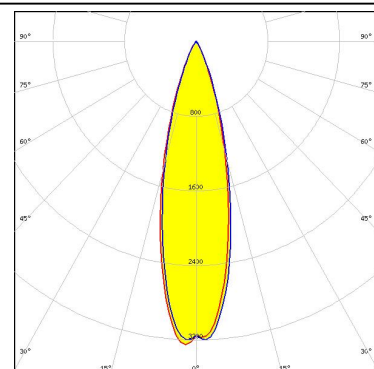
LED LUXEON Z ES
 FWHM 22.0°
 Efficiency 89 %
 Peak intensity 5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



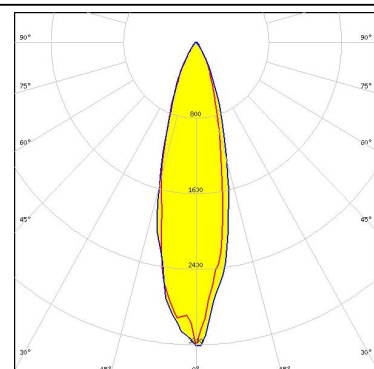
LED SST-20
 FWHM 26.0°
 Efficiency 87 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NCSxx19B
 FWHM 26.0°
 Efficiency 83 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



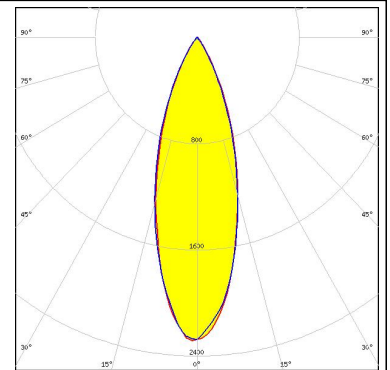
LED NF2x757G
 FWHM 25.0°
 Efficiency 88 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



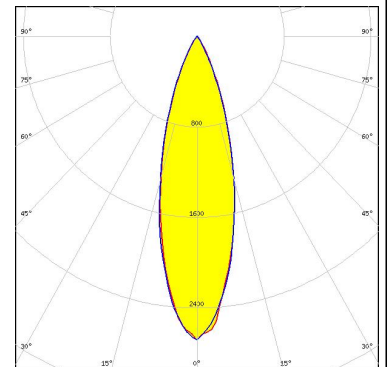
PHOTOMETRIC DATA (SIMULATED):



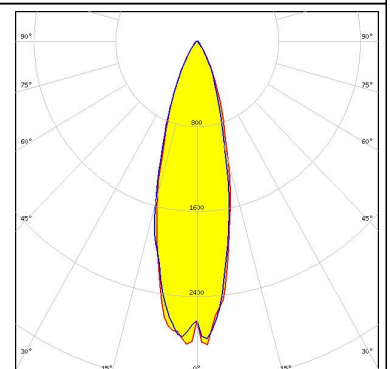
LED NVSW219F
FWHM 33.0°
Efficiency 88 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



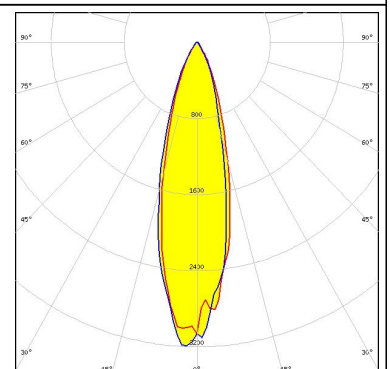
LED NVSxx19B/NVSxx19C
FWHM 29.0°
Efficiency 86 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Duris S5 (2 chip)
FWHM 25.0°
Efficiency 89 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



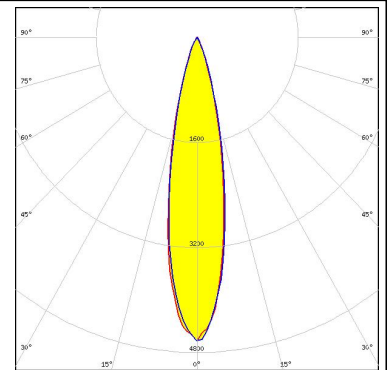
LED Duris S5 (Single chip)
FWHM 25.0°
Efficiency 86 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

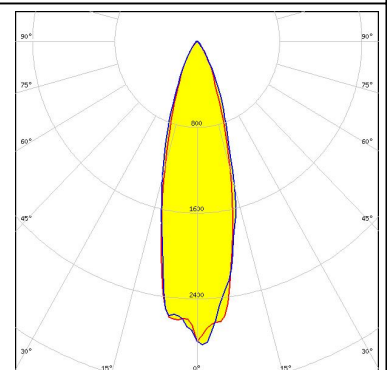
OSRAM
Opto Semiconductors

LED OSCONIQ P 3030
FWHM 22.0°
Efficiency 85 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



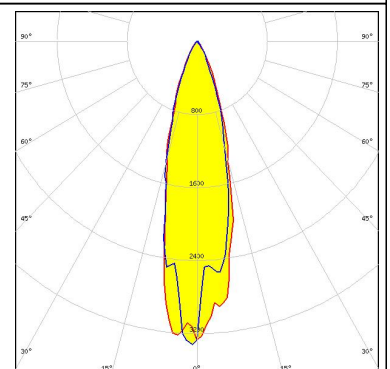
OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM 26.0°
Efficiency 88 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



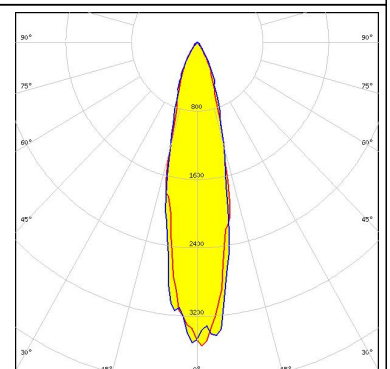
OSRAM
Opto Semiconductors

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



OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM 25.0°
Efficiency 89 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

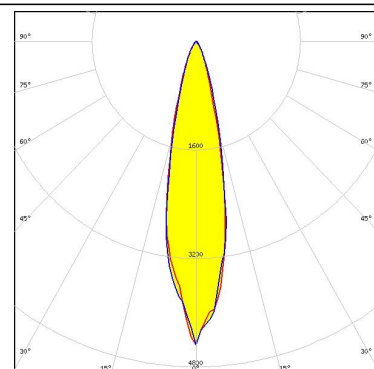


PHOTOMETRIC DATA (SIMULATED):

OSRAM

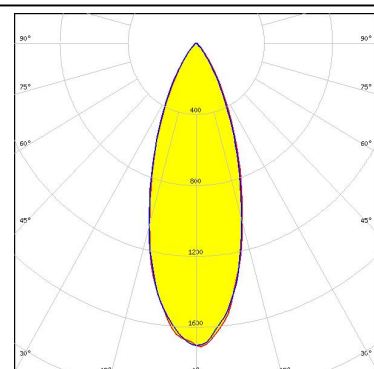
Opto Semiconductors

LED OSLON SSL 80
FWHM 21.0°
Efficiency 87 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



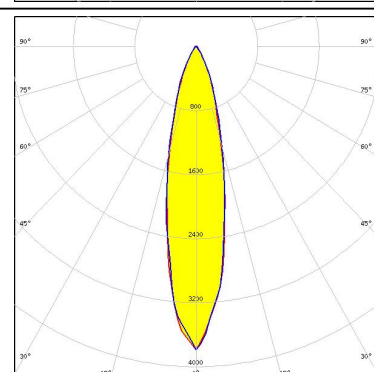
SAMSUNG

LED LH351D
FWHM 36.0°
Efficiency 85 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



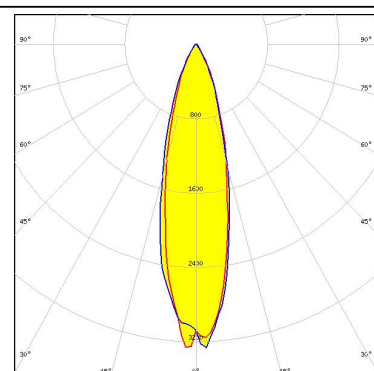
SAMSUNG

LED LM301A
FWHM 22.0°
Efficiency 87 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LM302A
FWHM 25.0°
Efficiency 87 %
Peak intensity 3.9 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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