

LISA3CSP-M-PIN

~25° medium beam

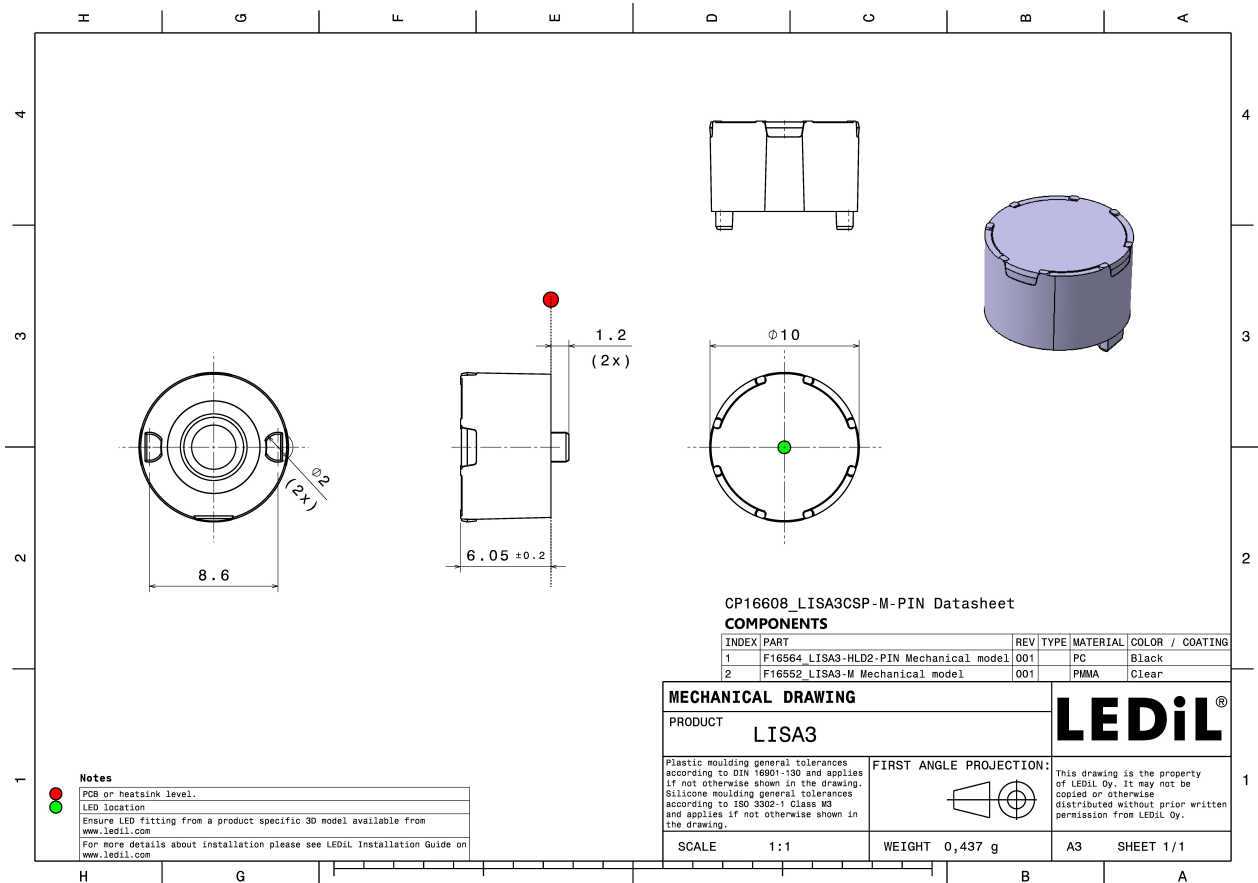
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 10.0 mm
Height	7.2 mm
Fastening	pin
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:

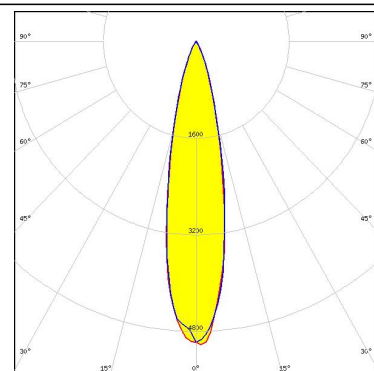
Component	Type	Material	Colour
LISA3-M	Single lens	PMMA	clear
LISA3-HLD2-PIN	Holder	PC	black



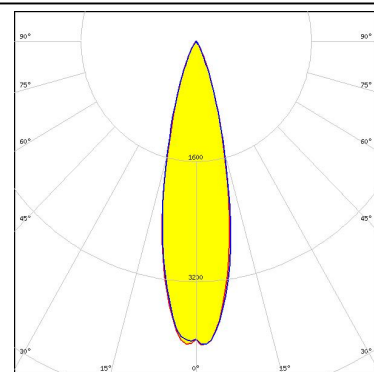
PHOTOMETRIC DATA (SIMULATED):



LED NCSxE17A
FWHM 24.0°
Efficiency 87 %
Peak intensity 4.040 cd/lm
LEDs/each optic 1
Light colour White
Required components:

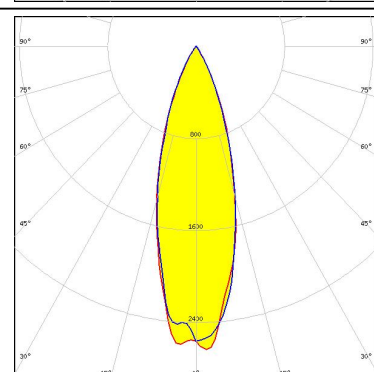


LED NVSxE21A
FWHM 25.0°
Efficiency 88 %
Peak intensity 3.350 cd/lm
LEDs/each optic 1
Light colour White
Required components:



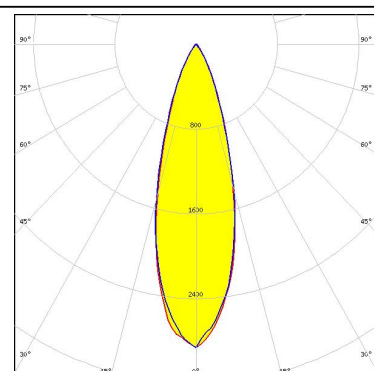
SAMSUNG

LED LH181B
FWHM 30.0°
Efficiency 89 %
Peak intensity 2.810 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

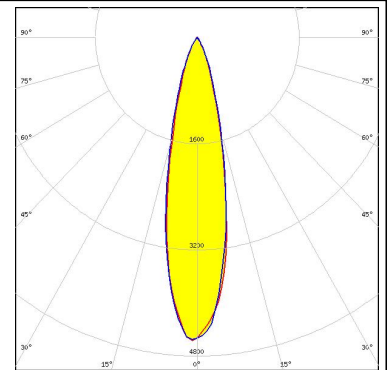
LED LH231B
FWHM 30.0°
Efficiency 90 %
Peak intensity 2.510 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

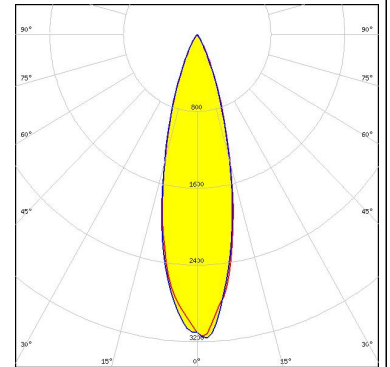
SAMSUNG

LED LM101B
FWHM 27.0°
Efficiency 89 %
Peak intensity 3.190 cd/lm
LEDs/each optic 1
Light colour White
Required components:



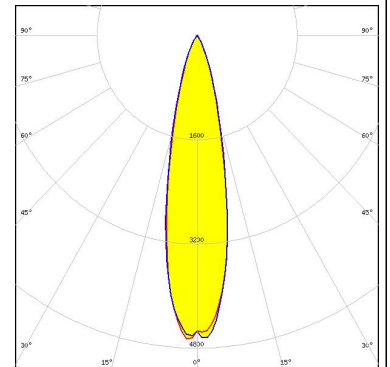
SEOUL SEMICONDUCTOR

LED Z8Y11
FWHM 27.0°
Efficiency 83 %
Peak intensity 3.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



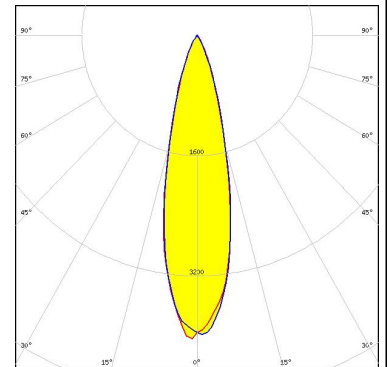
SEOUL SEMICONDUCTOR

LED Z8Y15
FWHM 25.0°
Efficiency 84 %
Peak intensity 3.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:

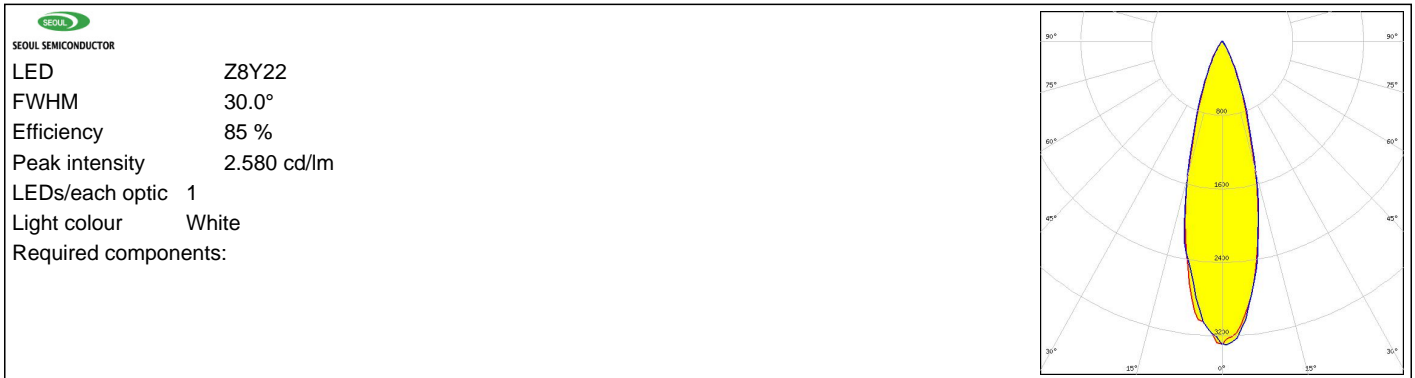


SEOUL SEMICONDUCTOR

LED Z8Y19
FWHM 25.0°
Efficiency 85 %
Peak intensity 3.190 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



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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