

LISA3CSP-WW-PIN

~45° wide beam

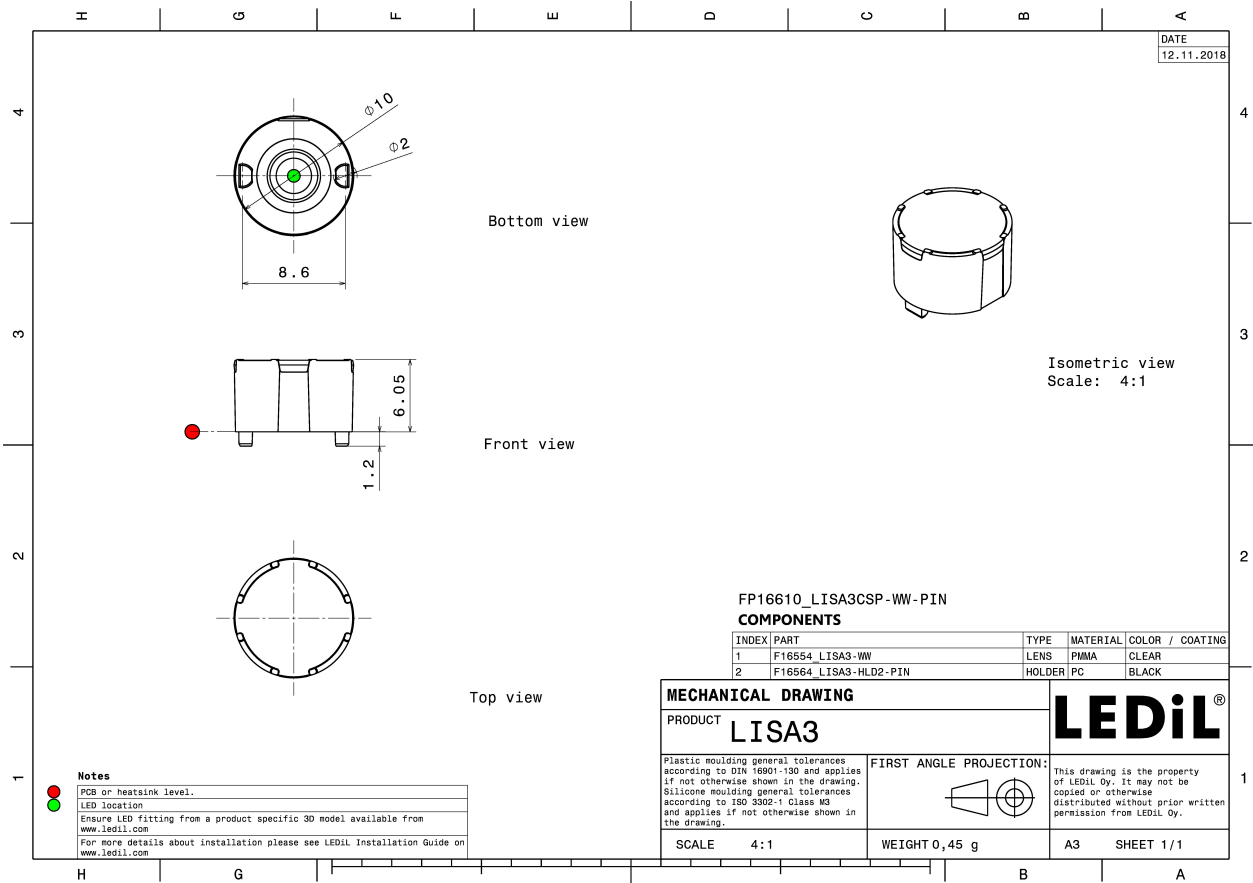
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 10.0 mm
Height	7.2 mm
Fastening	pin
Colour	black
Box size	310 x 230 x 60 mm
Box weight	1.4 kg
Quantity in Box	2000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

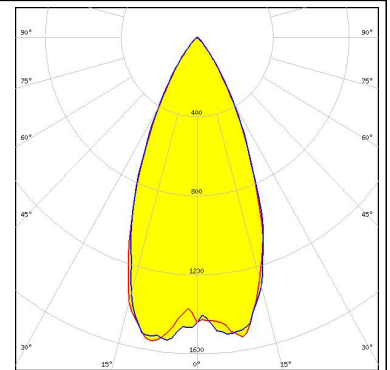
Component	Type	Material	Colour
LISA3-WW	Single lens	PMMA	
LISA3-HLD2-PIN	Holder	PC	



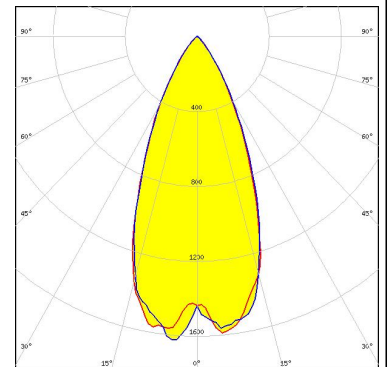
PHOTOMETRIC DATA (SIMULATED):



LED NCSxE17A
FWHM 46.0°
Efficiency 88 %
Peak intensity 1.430 cd/lm
LEDs/each optic 1
Light colour White
Required components:

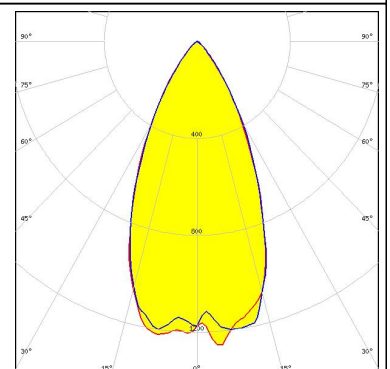


LED NVSxE21A
FWHM 44.0°
Efficiency 89 %
Peak intensity 1.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



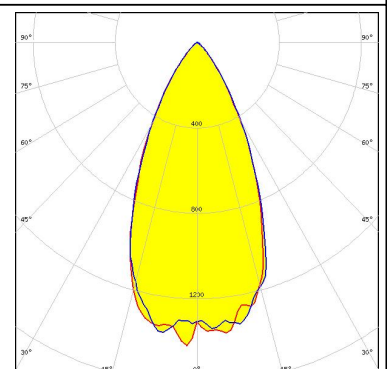
SAMSUNG

LED LH181B
FWHM 48.0°
Efficiency 90 %
Peak intensity 1.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

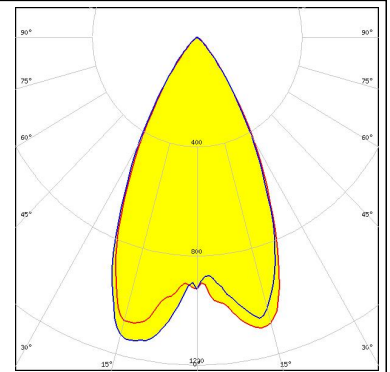
LED LH231B
FWHM 48.0°
Efficiency 90 %
Peak intensity 1.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

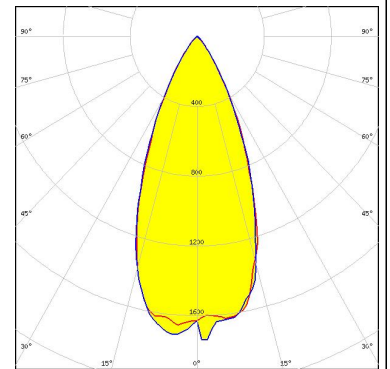
SAMSUNG

LED LM101B
 FWHM 53.0°
 Efficiency 90 %
 Peak intensity 1.170 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



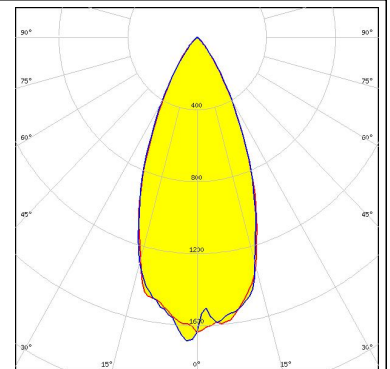
SEOUL SEMICONDUCTOR

LED Z8Y15
 FWHM 44.0°
 Efficiency 87 %
 Peak intensity 1.550 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



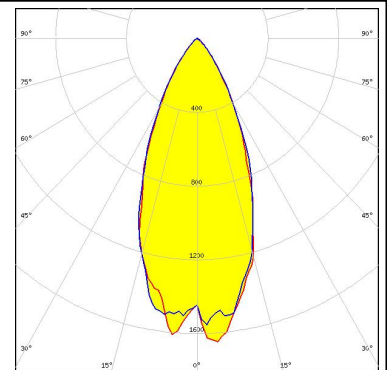
SEOUL SEMICONDUCTOR

LED Z8Y19
 FWHM 45.0°
 Efficiency 87 %
 Peak intensity 1.450 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22
 FWHM 44.0°
 Efficiency 86 %
 Peak intensity 1.400 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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