

IRIS-SCREW

~5° real spot beam with holder optimized for CREE XP-E. Assembly with screws.

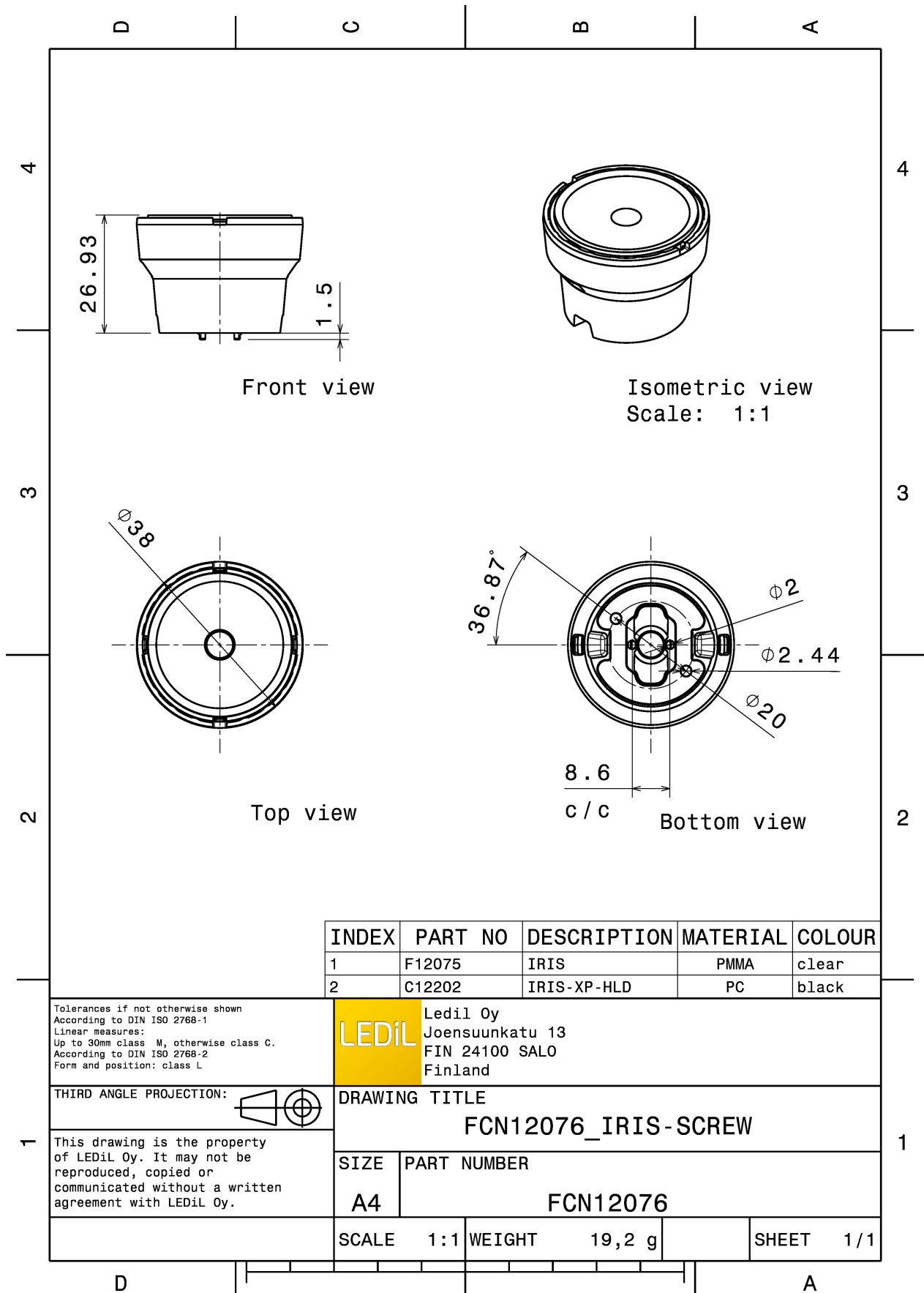
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	26.9 mm
Fastening	glue, pin, screw
Colour	black
Box size	
Box weight	0 kg
Quantity in Box	360 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

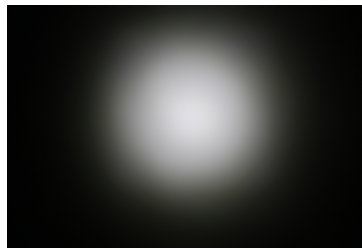
Component	Type	Material	Colour
IRIS	Single lens	PMMA	clear
IRIS-XP-HLD	Holder	PC	black



PHOTOMETRIC DATA (MEASURED):

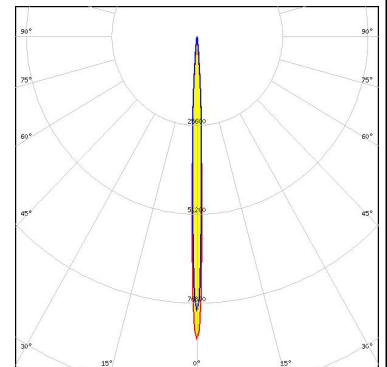
CREE

LED XHP35 HI
 FWHM 7.6°
 Efficiency 90 %
 Peak intensity 35.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



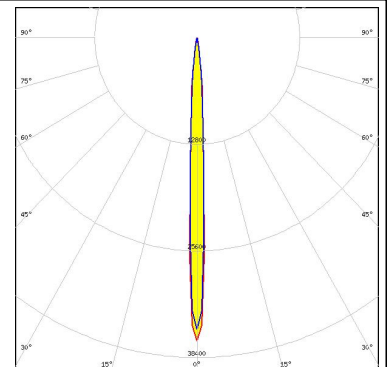
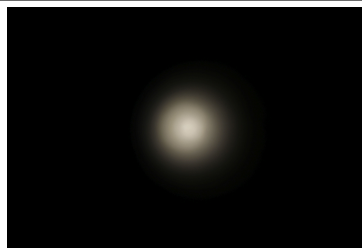
CREE

LED XP-E
 FWHM 4.0°
 Efficiency 93 %
 Peak intensity 87.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



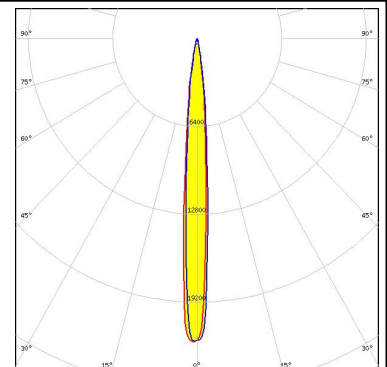
CREE

LED XP-G
 FWHM 5.0°
 Efficiency 93 %
 Peak intensity 52.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

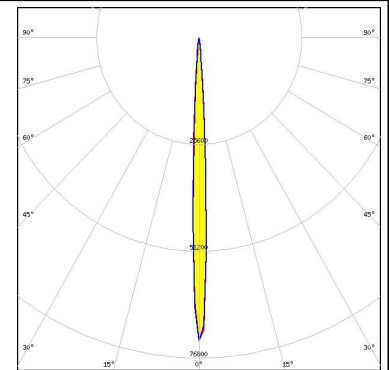
LED XP-L HD
 FWHM 8.5°
 Efficiency 93 %
 Peak intensity 22.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

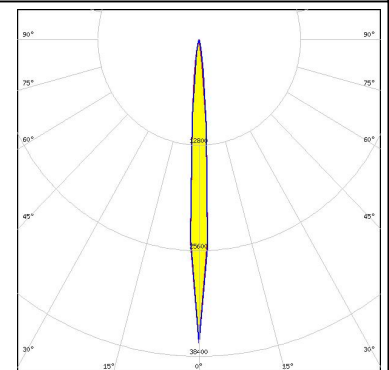
LUMILEDS

LED LUXEON Rebel
 FWHM 5.0°
 Efficiency 93 %
 Peak intensity 75.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



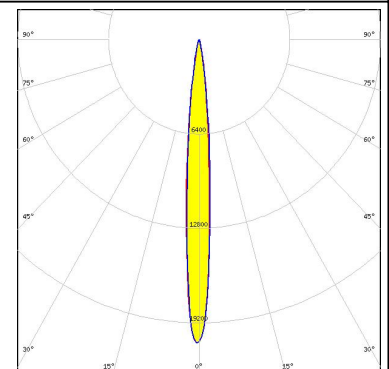
LUMILEDS

LED LUXEON Rebel ES
 FWHM 7.0°
 Efficiency 93 %
 Peak intensity 38.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



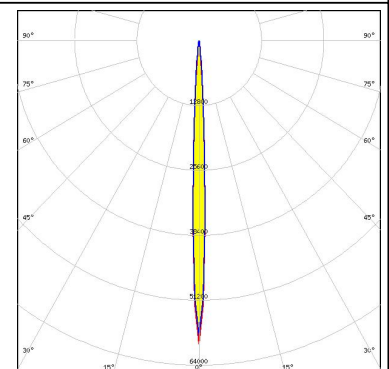
LUMILEDS

LED LUXEON V
 FWHM 9.0°
 Efficiency 92 %
 Peak intensity 20.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

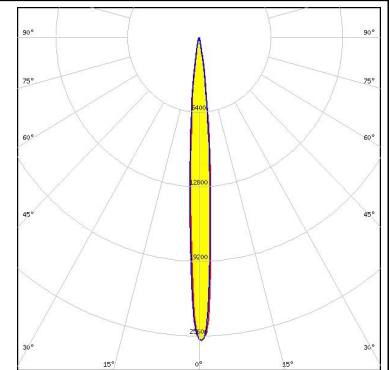
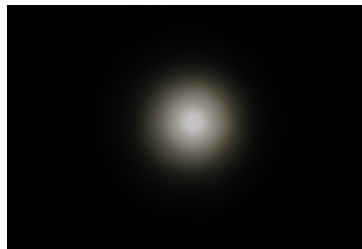
LED NCSxx19A
 FWHM 5.0°
 Efficiency %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



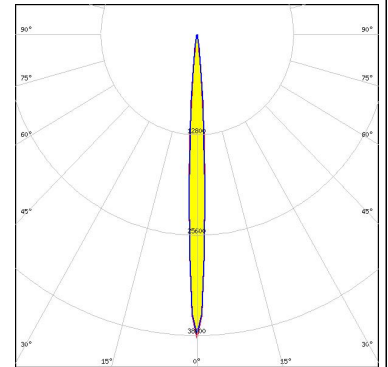
PHOTOMETRIC DATA (MEASURED):



LED NVSW3x9A
 FWHM 8.0°
 Efficiency 90 %
 Peak intensity 26.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

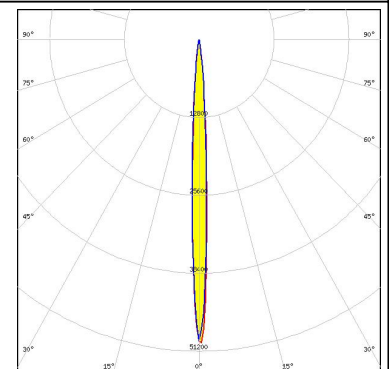
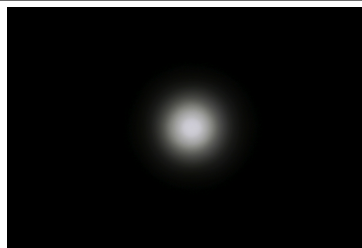


LED NVSxx19A
 FWHM 6.0°
 Efficiency 93 %
 Peak intensity 38.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



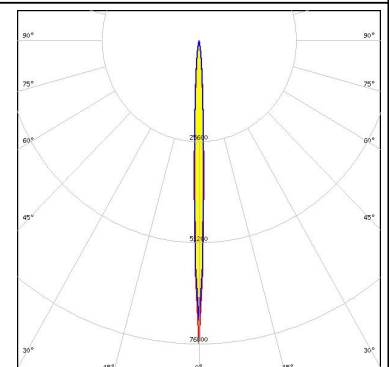
Opto Semiconductors

LED OSOLON Square CSSRM2/CSSRM3
 FWHM 6.0°
 Efficiency 94 %
 Peak intensity 49.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



Opto Semiconductors

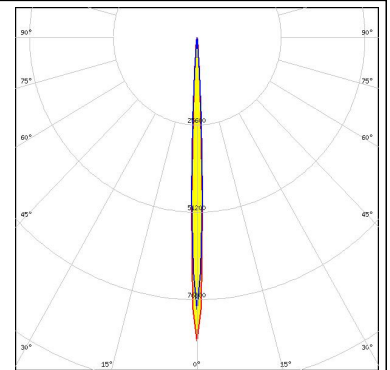
LED OSOLON SSL 150
 FWHM 4.0°
 Efficiency 93 %
 Peak intensity 76.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

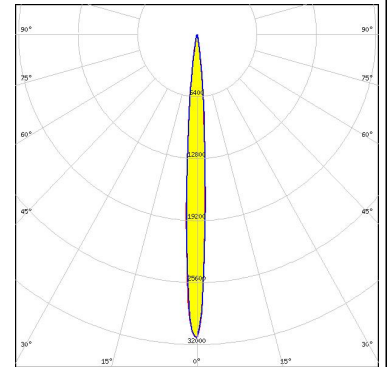
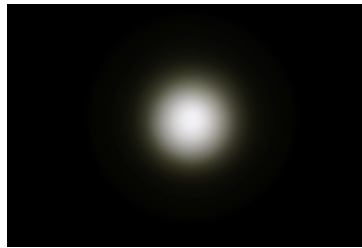
OSRAM
Opto Semiconductors

LED OSLON SSL 80
FWHM 4.0°
Efficiency 90 %
Peak intensity 89.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEAGUL
SEOUL SEMICONDUCTOR

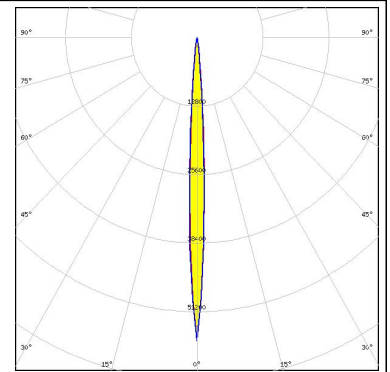
LED Z5M3
FWHM 7.0°
Efficiency 92 %
Peak intensity 3.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



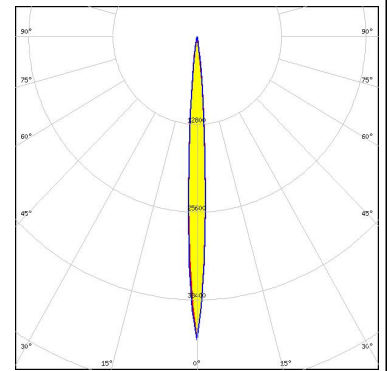
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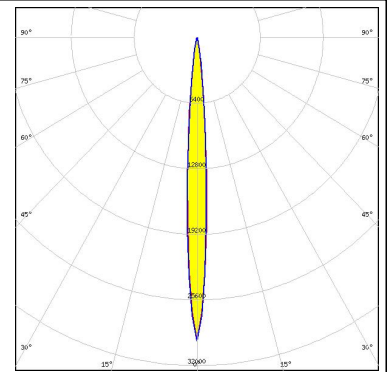
LED XP-E2
 FWHM 5.9°
 Efficiency 94 %
 Peak intensity 56.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



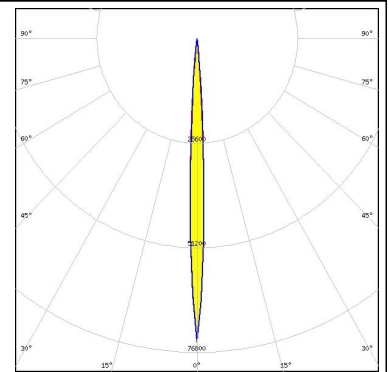
LED XP-G2
 FWHM 6.7°
 Efficiency 94 %
 Peak intensity 44.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM 7.5°
 Efficiency 91 %
 Peak intensity 29.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XQ-E HD
 FWHM 5.5°
 Efficiency 94 %
 Peak intensity 74.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



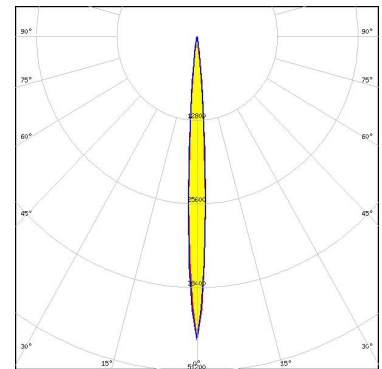
PHOTOMETRIC DATA (SIMULATED):



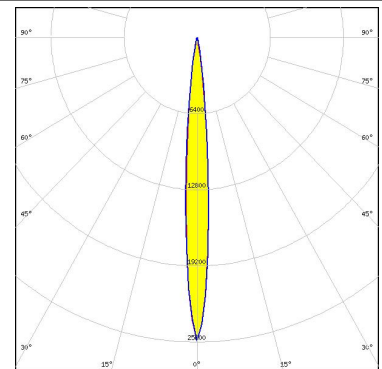
LED XQ-E HD
 FWHM 5.0°
 Efficiency 93 %
 Peak intensity 80.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



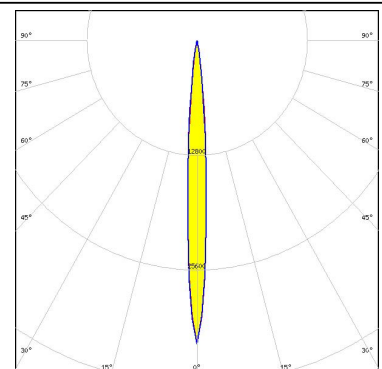
LED OSCONIQ P 3737 (2W version)
 FWHM 6.5°
 Efficiency 94 %
 Peak intensity 46.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSCONIQ P 3737 (3W version)
 FWHM 9.0°
 Efficiency 94 %
 Peak intensity 25.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



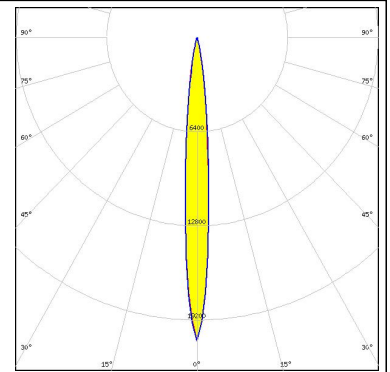
LED LH351B
 FWHM 7.4°
 Efficiency 94 %
 Peak intensity 33.850 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

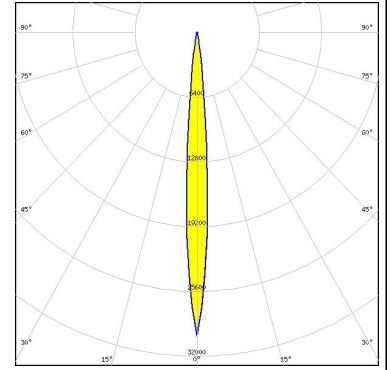
SAMSUNG

LED LH351D
FWHM 9.2°
Efficiency 90 %
Peak intensity 20.620 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 8.0°
Efficiency 98 %
Peak intensity 29.900 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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