

TINA-Y-W

~36° wide beam. Assembly with holder,
installation tape and pins

SPECIFICATION:

Dimensions	Ø 16.1 mm
Height	10 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

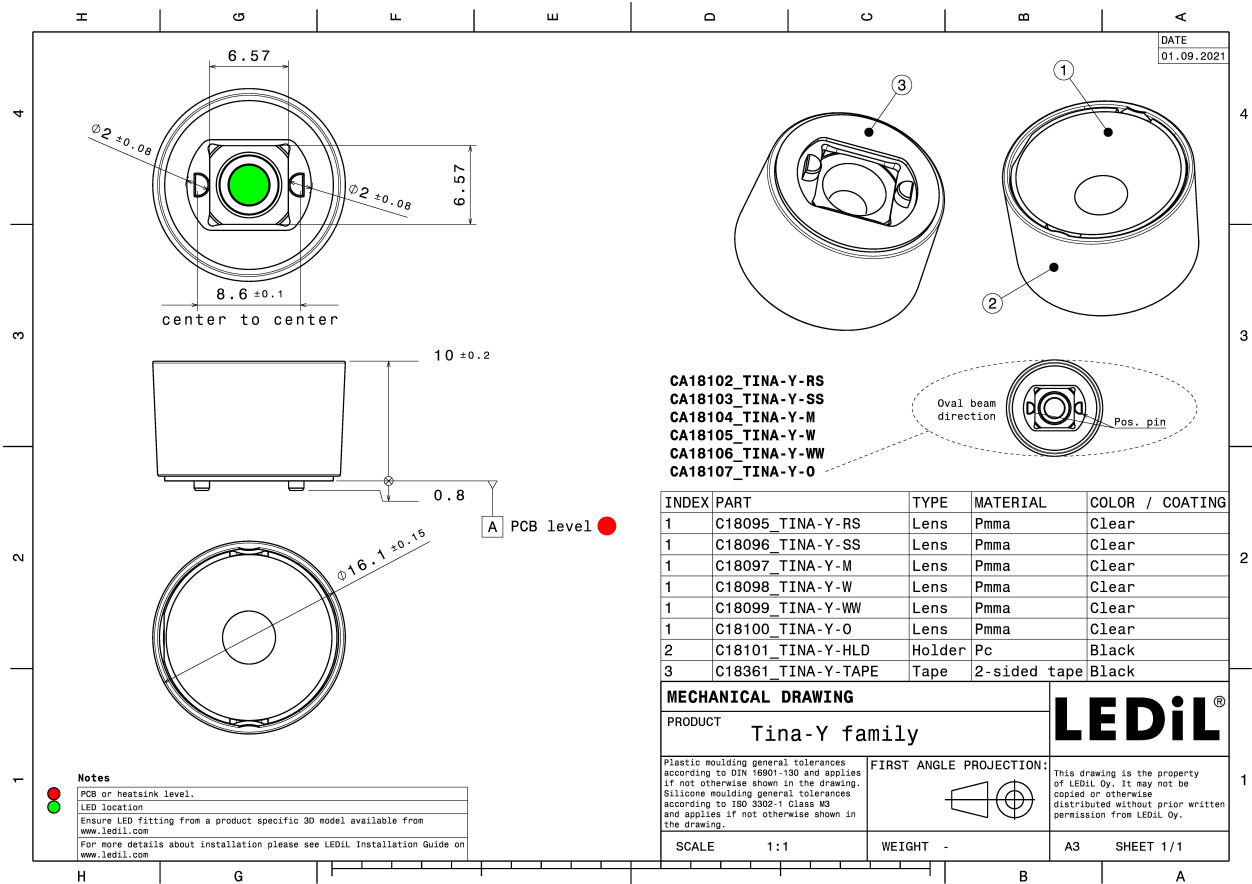
MATERIALS:

Component	Type	Material	Colour	Finish
TINA-Y-W	Single lens	PMMA	clear	gloss
TINA-Y-HLD	Holder	PC	black	gloss
TINA-Y-TAPE	Tape	Acrylic foam		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18105_TINA-Y-W » Box size: 476 x 273 x 197 mm	3900	300	300	6.0



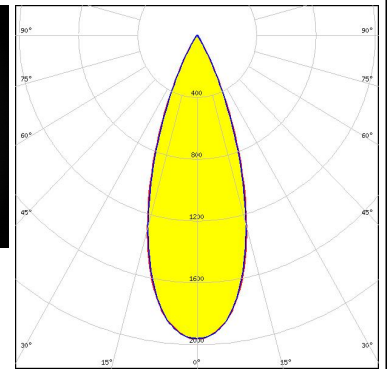
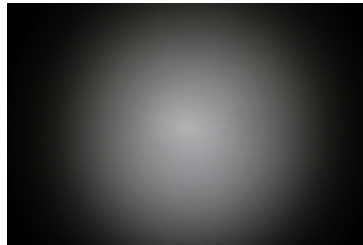


See also our general installation guide: www.ledil.com/installation_guide

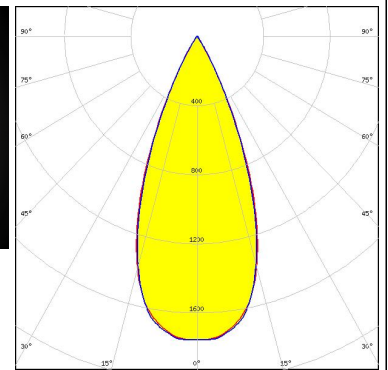
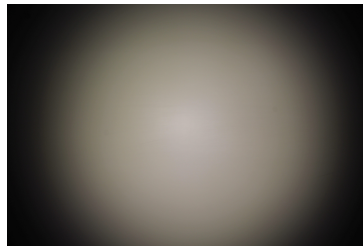
OPTICAL RESULTS (MEASURED):



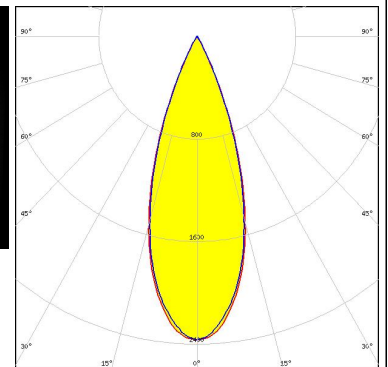
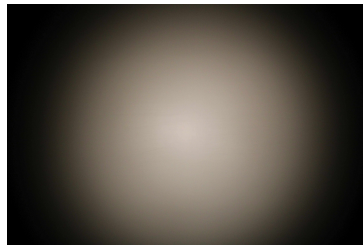
LED XP-G3
FWHM / FWTM 37.0° / 58.0°
Efficiency 79 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



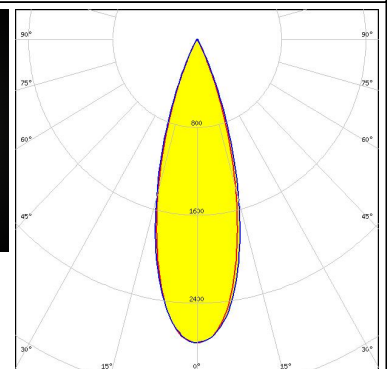
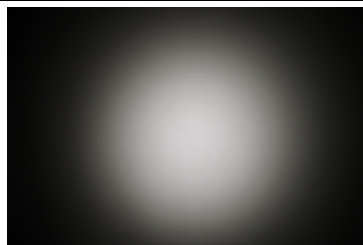
LED XP-G4
FWHM / FWTM 43.0° / 61.0°
Efficiency 85 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW719AC
FWHM / FWTM 36.0° / 55.0°
Efficiency 86 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



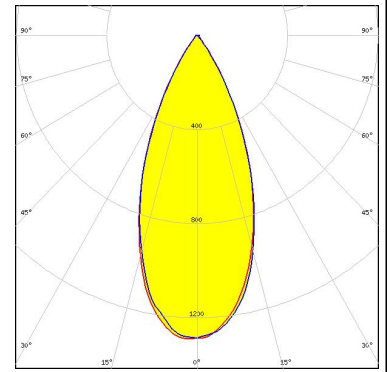
LED OSCONIQ C 3030
FWHM / FWTM 31.0° / 50.0°
Efficiency 83 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



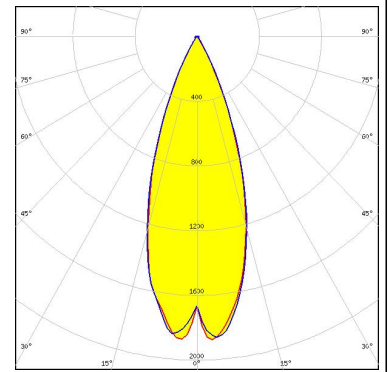
OPTICAL RESULTS (SIMULATED):



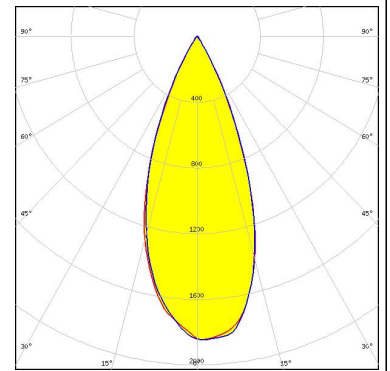
LED XHP35.2 HD
FWHM / FWTM 44.0° / 70.0°
Efficiency 75 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



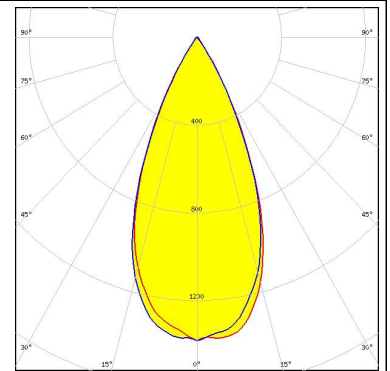
LED XHP35.2 HI
FWHM / FWTM 37.0° / 58.0°
Efficiency 77 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XM-L RGBW (XMLDCL HI)
FWHM / FWTM 41.0° / 62.0°
Efficiency 86 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:



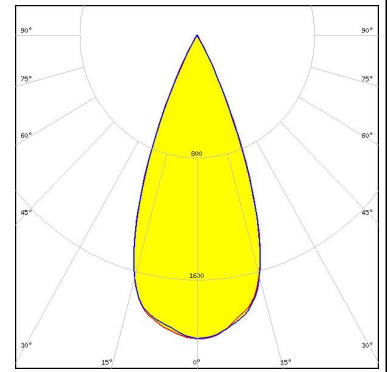
LED XM-L3
FWHM / FWTM 45.0° / 67.0°
Efficiency 80 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



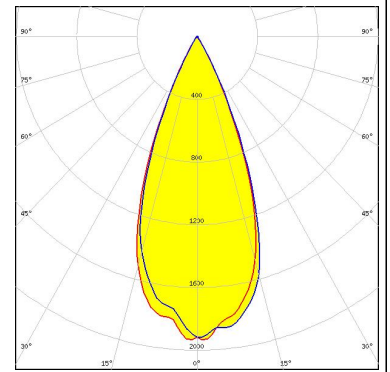
OPTICAL RESULTS (SIMULATED):



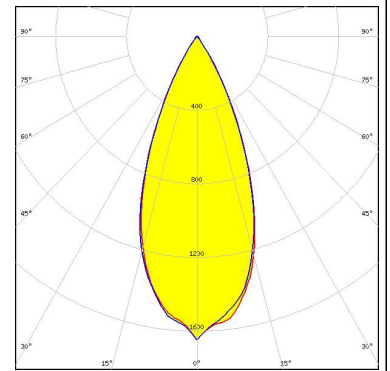
LED XP-E2
FWHM / FWTM 42.0° / 57.0°
Efficiency 88 %
Peak intensity 2 cd/Im
LEDs/each optic 1
Light colour White
Required components:



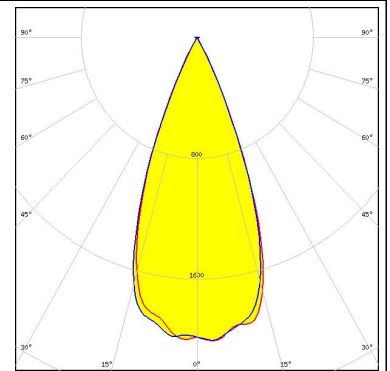
LED XP-G2
FWHM / FWTM 42.0° / 59.0°
Efficiency 87 %
Peak intensity 1.9 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED XP-L HD
FWHM / FWTM 42.0° / 66.0°
Efficiency 84 %
Peak intensity 1.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



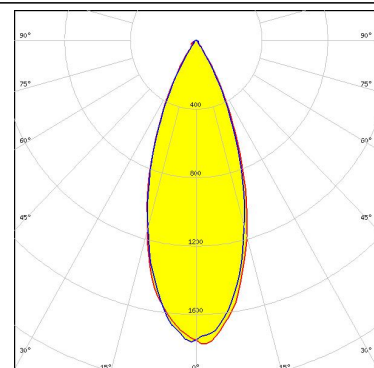
LED XQ-E HI
FWHM / FWTM 42.0° / 56.0°
Efficiency 87 %
Peak intensity 2 cd/Im
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

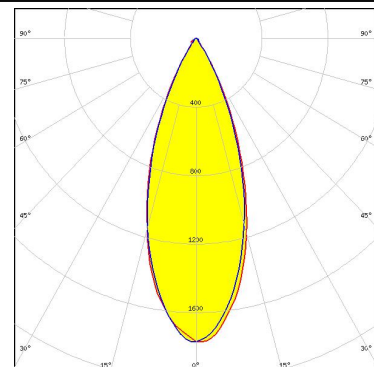
LUMILEDS

LED LUXEON 5050 Round LES
FWHM / FWTM 38.0° / 65.0°
Efficiency 82 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



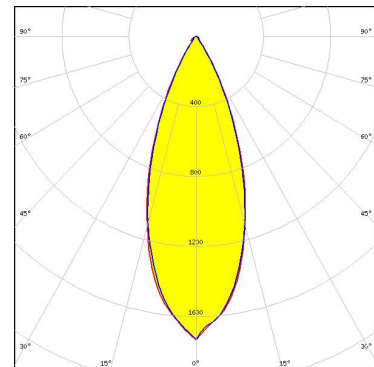
LUMILEDS

LED LUXEON 5050 Round LES
FWHM / FWTM 38.0° / 64.0°
Efficiency 82 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



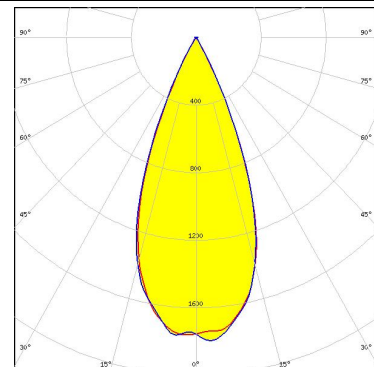
LUMILEDS

LED LUXEON 5050 Square LES
FWHM / FWTM 38.0° / 64.0°
Efficiency 81 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

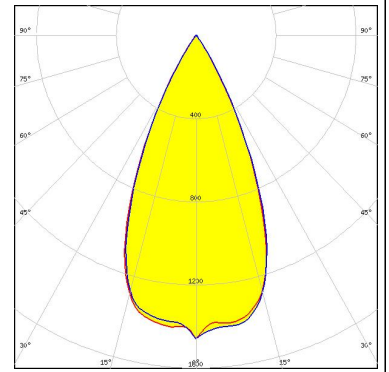
LED LUXEON C
FWHM / FWTM 42.0° / 58.0°
Efficiency 80 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

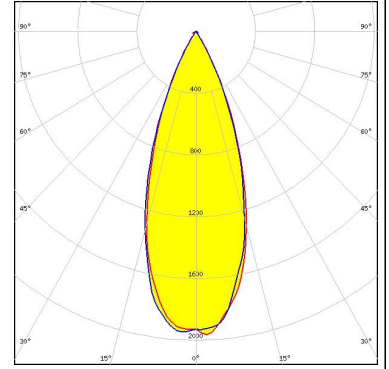
LUMILEDS

LED LUXEON HL2X
FWHM / FWTM 48.0° / 66.0°
Efficiency 86 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



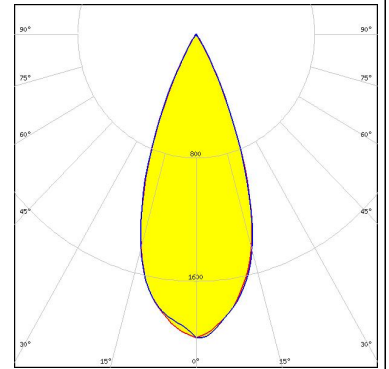
LUMILEDS

LED LUXEON MZ
FWHM / FWTM 37.0° / 60.0°
Efficiency 83 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



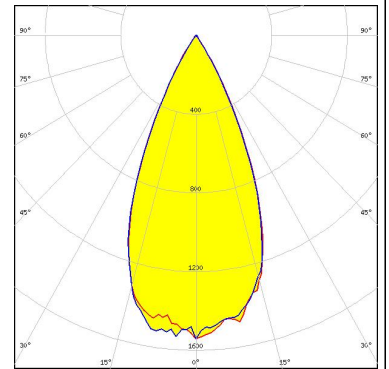
LUMILEDS

LED LUXEON TX
FWHM / FWTM 40.0° / 59.0°
Efficiency 85 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

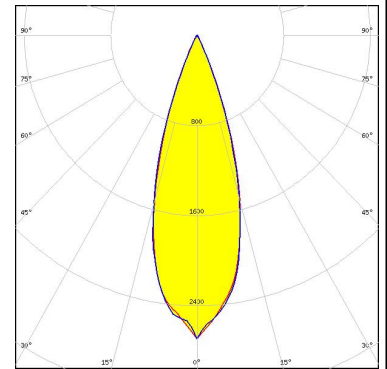
LED NVSW219F
FWHM / FWTM 46.0° / 65.0°
Efficiency 86 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



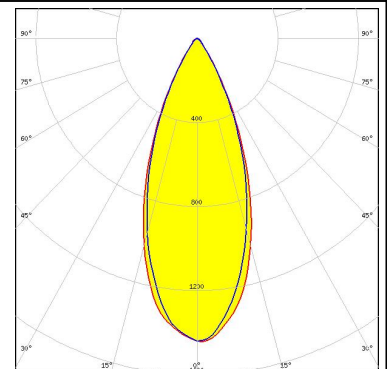
OPTICAL RESULTS (SIMULATED):



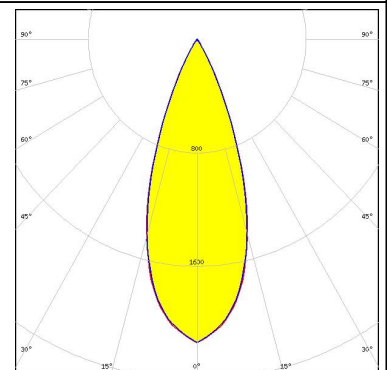
LED NVSxE21A
FWHM / FWTM 32.0° / 50.0°
Efficiency 81 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



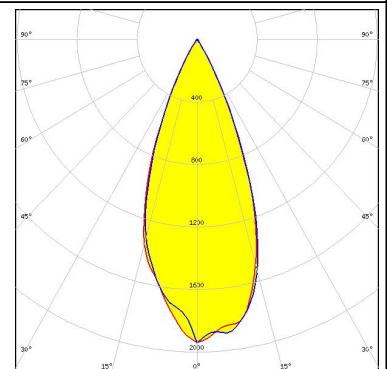
LED Duris S8
FWHM / FWTM 39.0° / 69.0°
Efficiency 77 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 36.0° / 58.0°
Efficiency 86 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



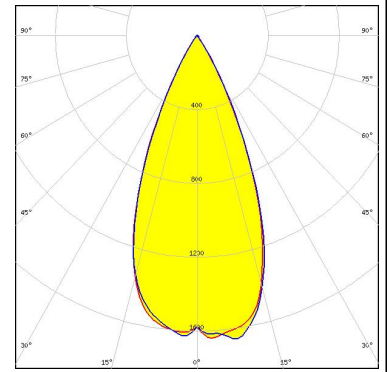
LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 41.0° / 60.0°
Efficiency 86 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

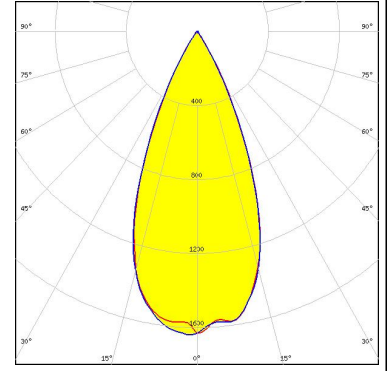
SAMSUNG

LED LH351B
FWHM / FWTM 45.0° / 64.0°
Efficiency 87 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



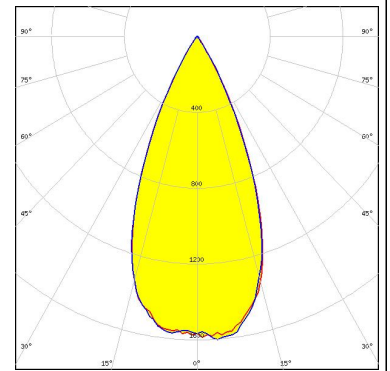
SAMSUNG

LED LH351B
FWHM / FWTM 44.0° / 64.0°
Efficiency 86 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



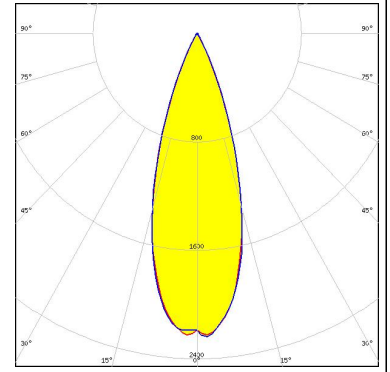
SAMSUNG

LED LH351C
FWHM / FWTM 45.0° / 65.0°
Efficiency 87 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22
FWHM / FWTM 34.0° / 54.0°
Efficiency 74 %
Peak intensity 2.3 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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