

GABRIELLA-MIDI-S

~10° spot beam with holder and installation tape

SPECIFICATION:

Dimensions	Ø 37.8 mm
Height	24.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

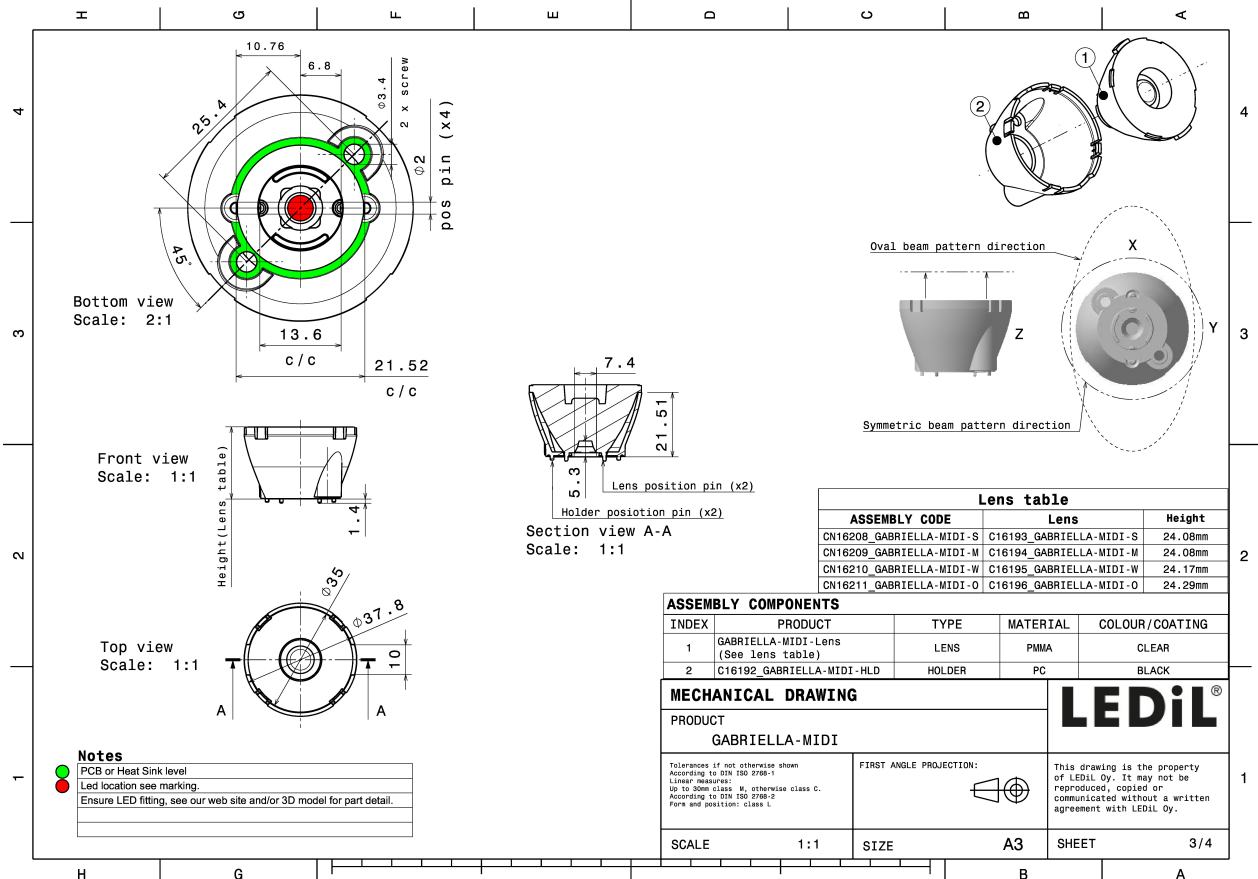
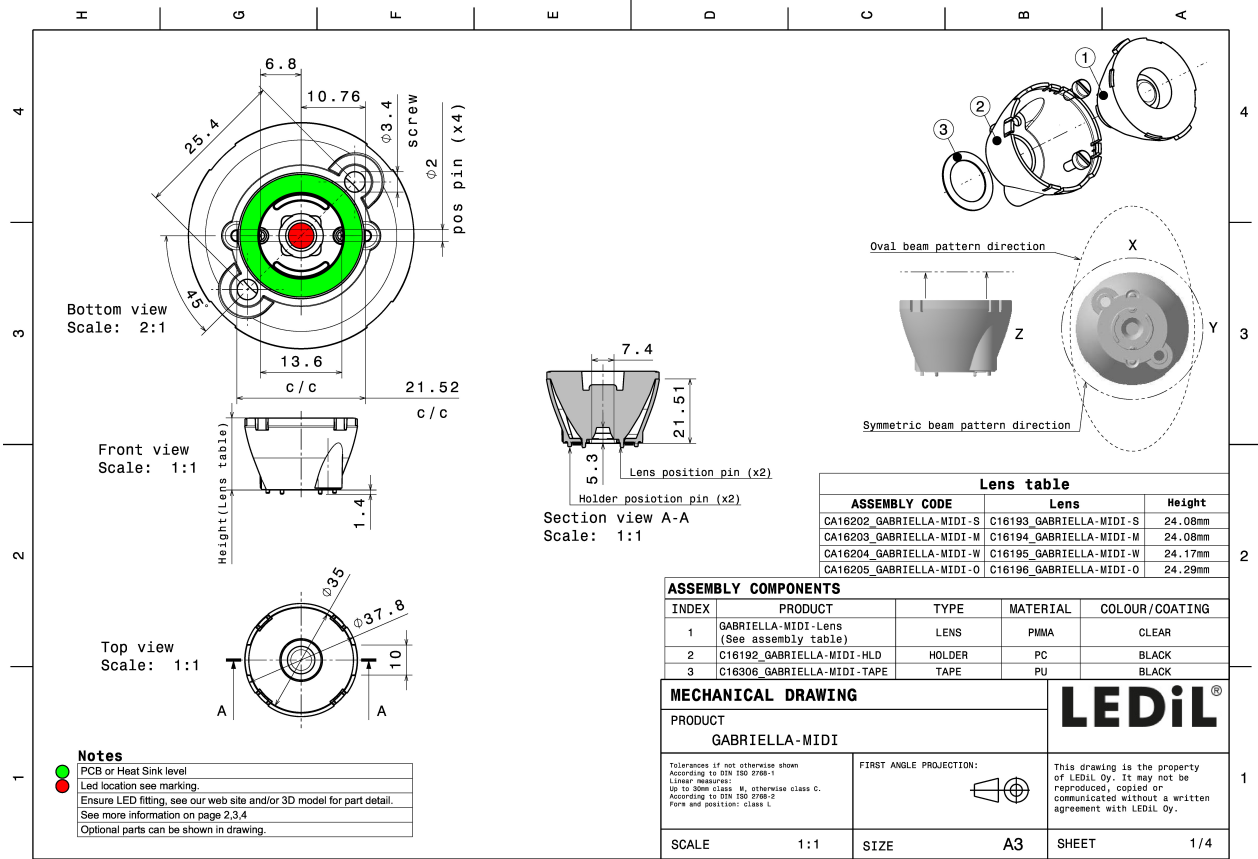
MATERIALS:

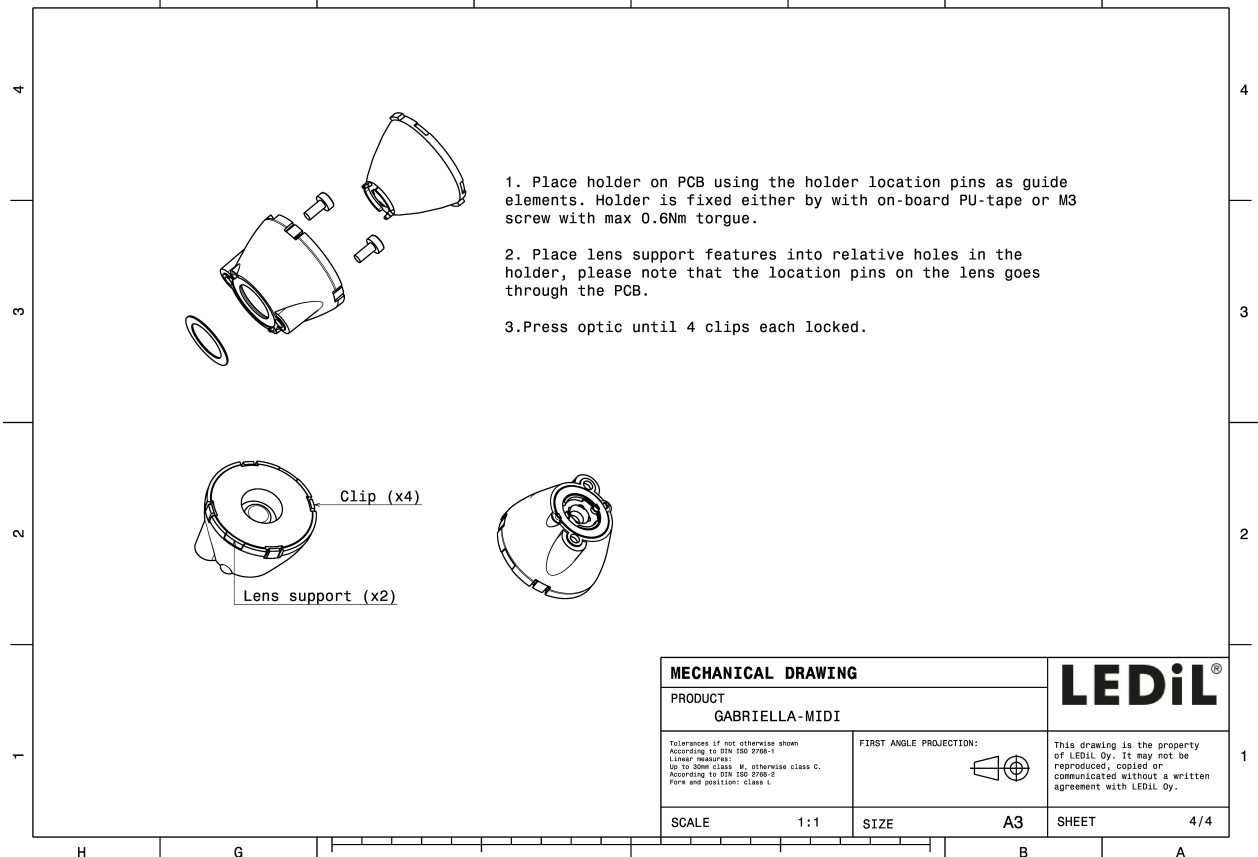
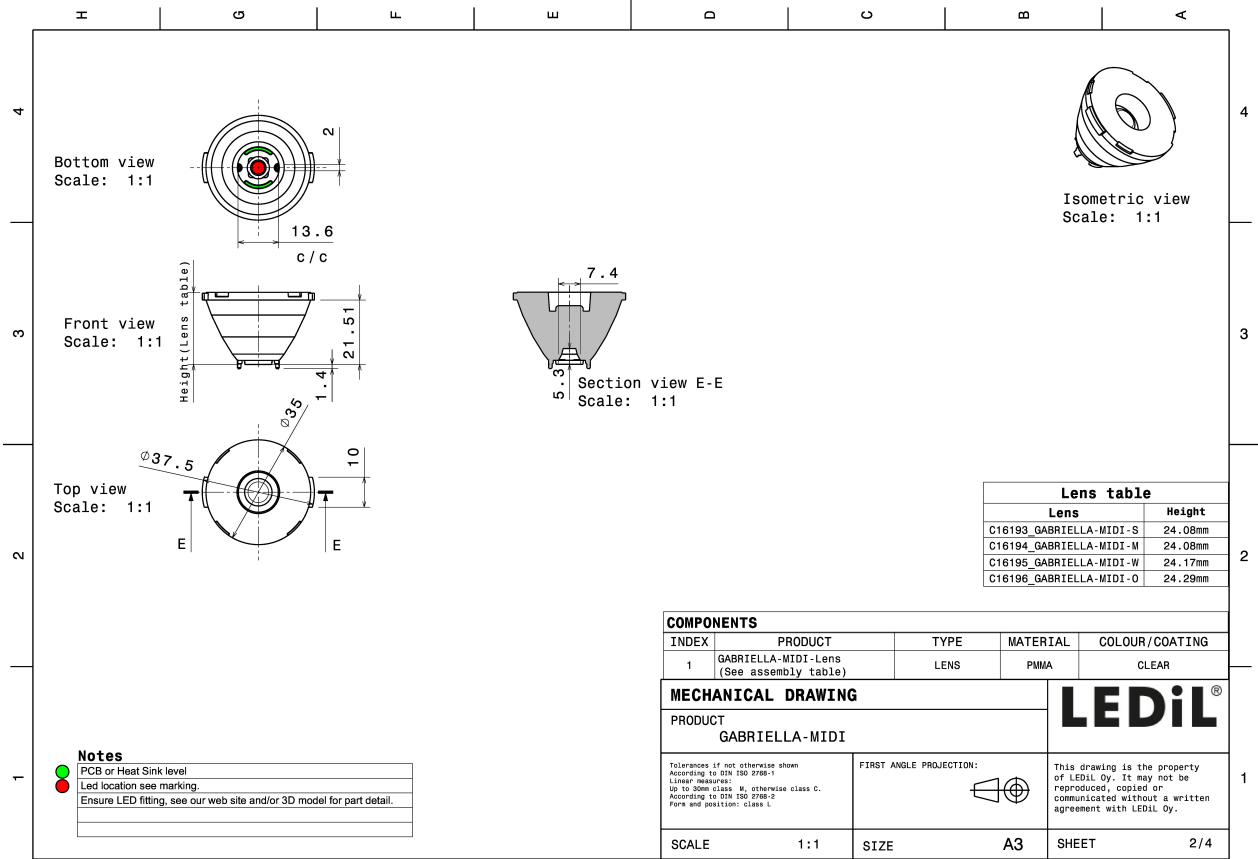
Component	Type	Material	Colour	Finish	Length
GABRIELLA-MIDI-S	Single lens	PMMA	clear		35.0
GABRIELLA-MIDI-HLD	Holder	PC	black		37.8
GABRIELLA-MIDI-TAPE	Tape	Acrylic foam	black		24.5

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA16202_GABRIELLA-MIDI-S » Box size: 476 x 273 x 292 mm	500	100	50	11.7





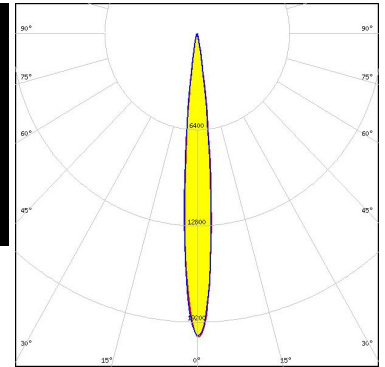
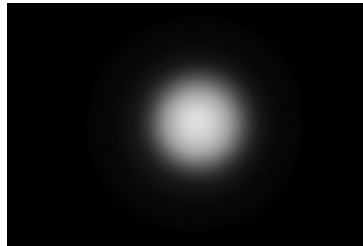


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



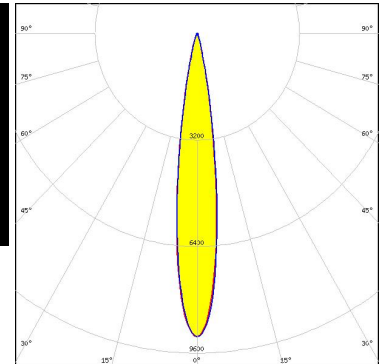
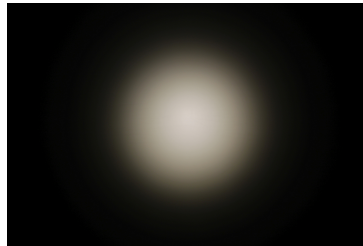
LED XHP35 HI
FWHM / FWTM 10.0° / 19.0°
Efficiency 90 %
Peak intensity 20.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



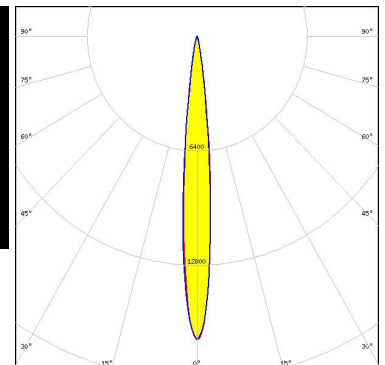
LED XHP50.2
FWHM / FWTM 15.0° / 28.0°
Efficiency 87 %
Peak intensity 9.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XM-L RGBW (XMLDCL HI)
FWHM / FWTM 11.0° / 20.0°
Efficiency 89 %
Peak intensity 17 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:

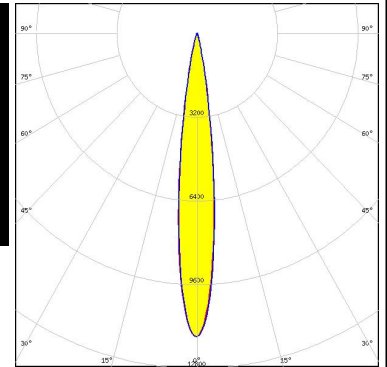
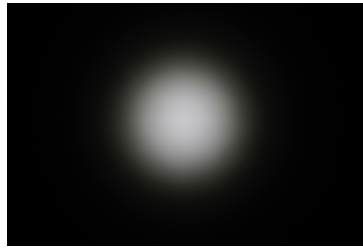


Light distribution files

OPTICAL RESULTS (MEASURED):



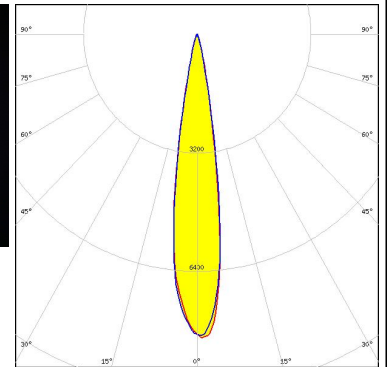
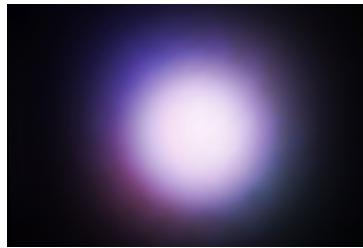
LED LUXEON 5050 Round LES
FWHM / FWTM 14.0° / 26.0°
Efficiency 91 %
Peak intensity 12.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



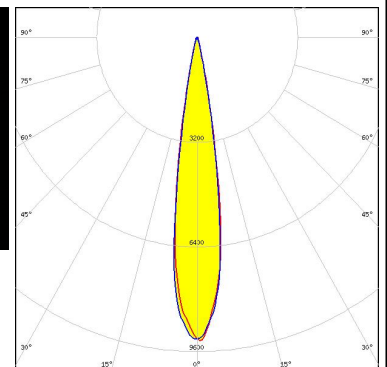
LED LUXEON C
FWHM / FWTM 17.0° / 28.0°
Efficiency 85 %
Peak intensity 8.2 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:



Light distribution files



LED LUXEON CZ
FWHM / FWTM 16.0° / 26.0°
Efficiency 89 %
Peak intensity 9.3 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:

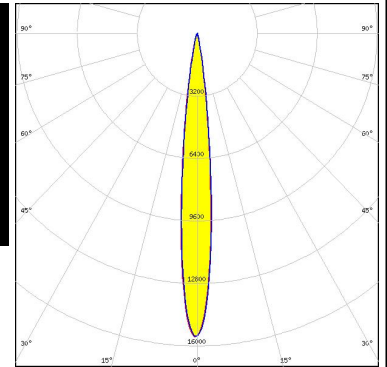
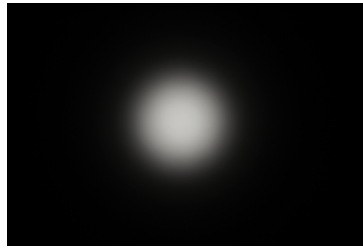


Light distribution files

OPTICAL RESULTS (MEASURED):



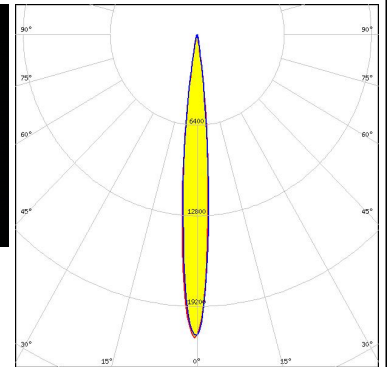
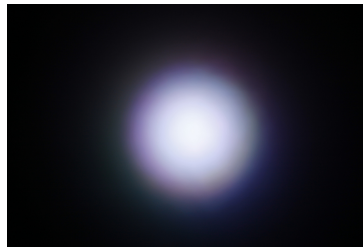
LED LUXEON V
FWHM / FWTM 11.0° / 22.0°
Efficiency 89 %
Peak intensity 15.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



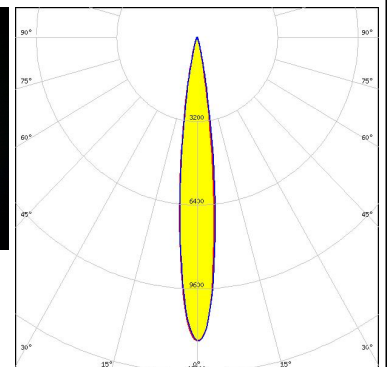
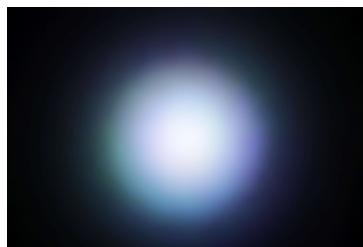
LED SBM-40-RGBW
FWHM / FWTM 10.0° / 19.0°
Efficiency 89 %
Peak intensity 21.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NCSxE17A
FWHM / FWTM 13.0° / 26.0°
Efficiency 92 %
Peak intensity 11.6 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:

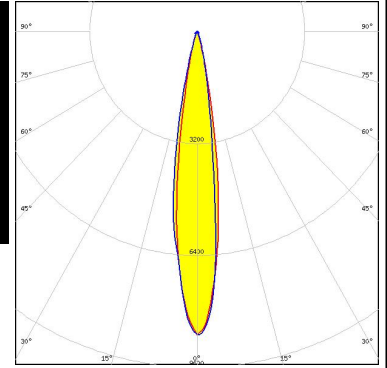
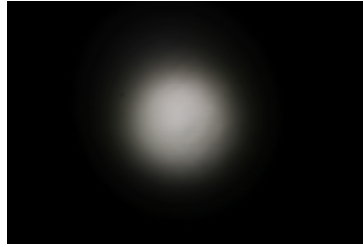


Light distribution files

OPTICAL RESULTS (MEASURED):



LED NVSW219F
FWHM / FWTM 16.0° / 29.0°
Efficiency 89 %
Peak intensity 8.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

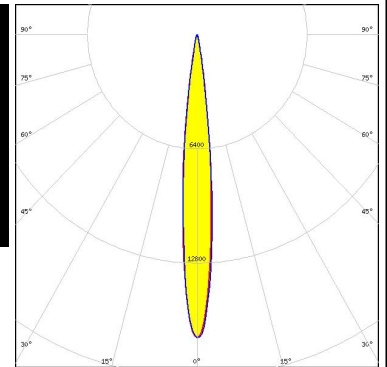
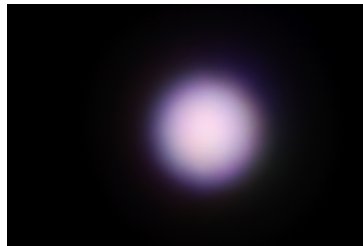


Light distribution files



Opto Semiconductors

LED OSLO Pure 1414
FWHM / FWTM 11.0° / 20.0°
Efficiency 89 %
Peak intensity 17 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:

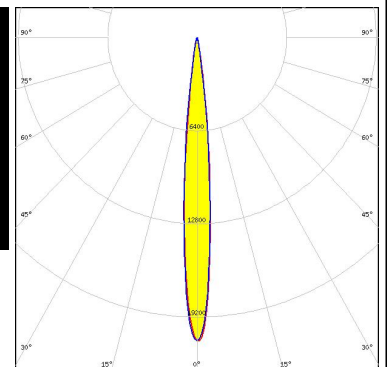
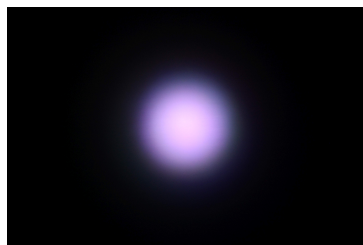


Light distribution files



Opto Semiconductors

LED OSTAR Stage (S2WN)
FWHM / FWTM 10.0° / 19.0°
Efficiency 90 %
Peak intensity 20.8 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:

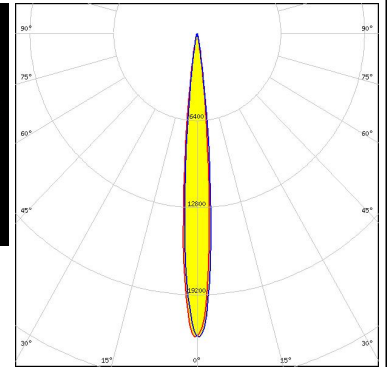
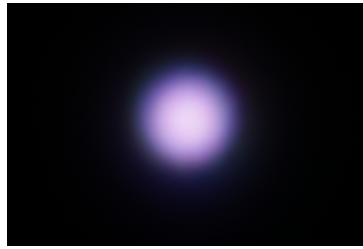


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

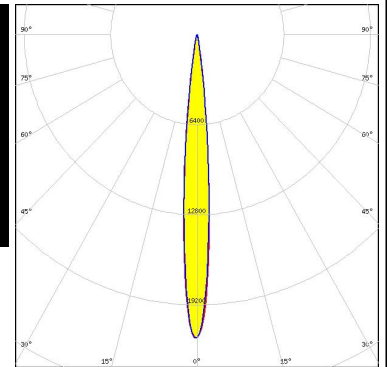
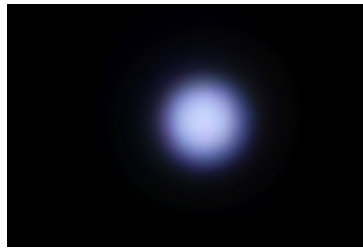
LED OSTAR Stage (S2WP)
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 91 %
 Peak intensity 22 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SEOL
SEOUL SEMICONDUCTOR

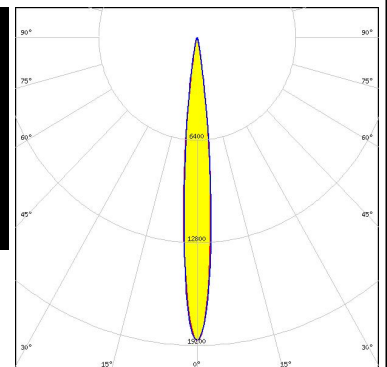
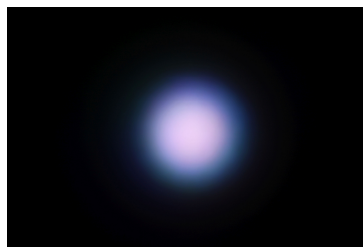
LED SPF05F0A
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 89 %
 Peak intensity 21.6 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files


SEOL
SEOUL SEMICONDUCTOR

LED SPF05F0B
 FWHM / FWTM 11.0° / 20.0°
 Efficiency 90 %
 Peak intensity 18.9 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files

OPTICAL RESULTS (MEASURED):

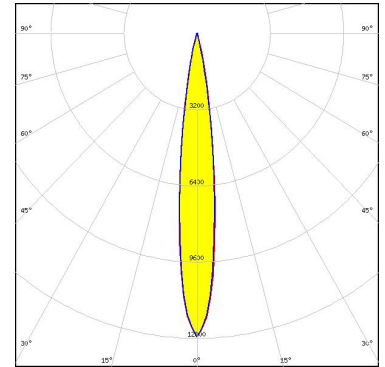
 SEOL SEMICONDUCTOR		
LED	SPF05F0C	
FWHM / FWTM	12.0° / 22.0°	
Efficiency	89 %	
Peak intensity	15.4 cd/lm	
LEDs/each optic	1	
Light colour/type	RGBW	
Required components:		

Light distribution files

OPTICAL RESULTS (SIMULATED):



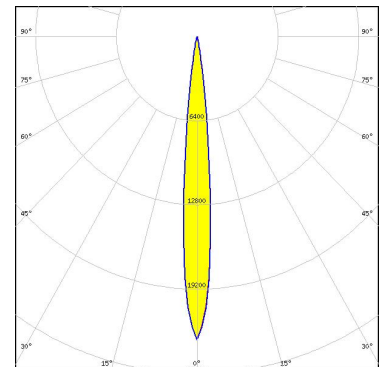
LED CLQ6A-TKW
 FWHM / FWTM 13.7° / 26.1°
 Efficiency 94 %
 Peak intensity 12.7 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files



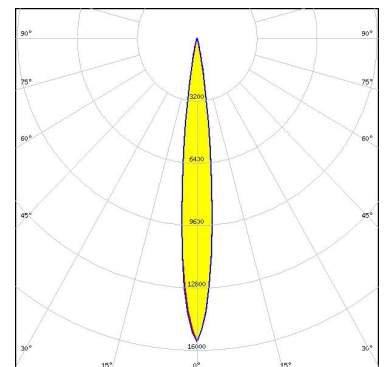
LED XE-G
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 92 %
 Peak intensity 23.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XHP35.2 HD
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 88 %
 Peak intensity 15.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

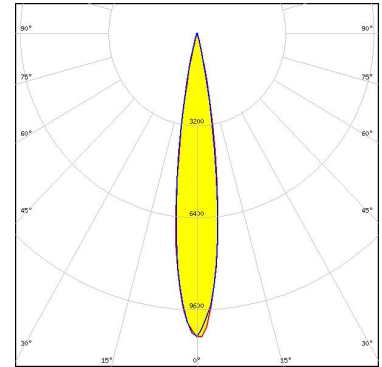


Light distribution files

OPTICAL RESULTS (SIMULATED):



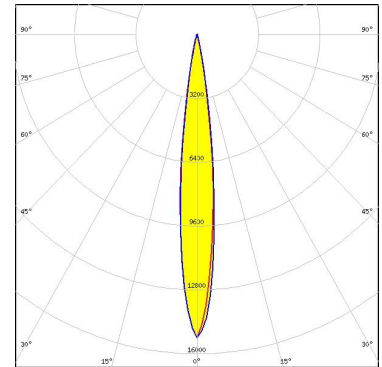
LED XHP50
 FWHM / FWTM 16.0° / 27.0°
 Efficiency 91 %
 Peak intensity 10.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



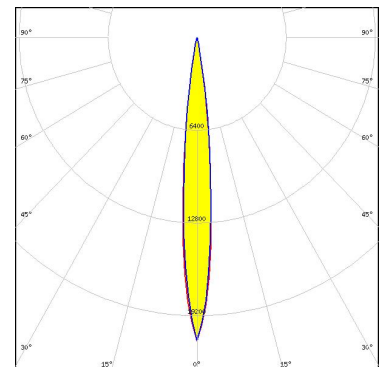
LED XM-L RGBW (XMLCTW)
 FWHM / FWTM 13.0° / 23.0°
 Efficiency 93 %
 Peak intensity 15.2 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files



LED XM-L RGBW (XMLDCL HI)
 FWHM / FWTM 11.0° / 20.0°
 Efficiency 93 %
 Peak intensity 20.9 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:

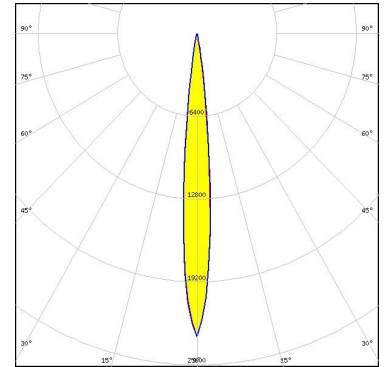


Light distribution files

OPTICAL RESULTS (SIMULATED):



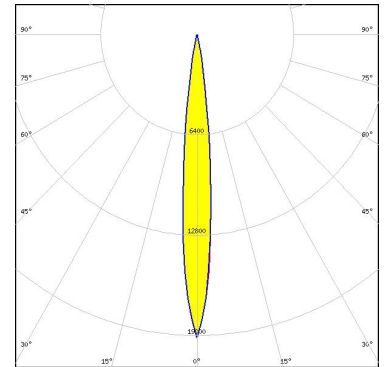
LED XP-E2
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 92 %
 Peak intensity 23.5 cd/lm
 LEDs/each optic 1
 Light colour/type Amber
 Required components:



Light distribution files



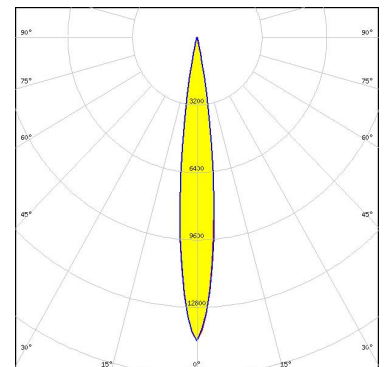
LED XP-G2 HE
 FWHM / FWTM 11.0° / 22.0°
 Efficiency 92 %
 Peak intensity 19.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XQ-E HI
 FWHM / FWTM 14.0° / 24.0°
 Efficiency 90 %
 Peak intensity 14.4 cd/lm
 LEDs/each optic 4
 Light colour/type RGBW
 Required components:

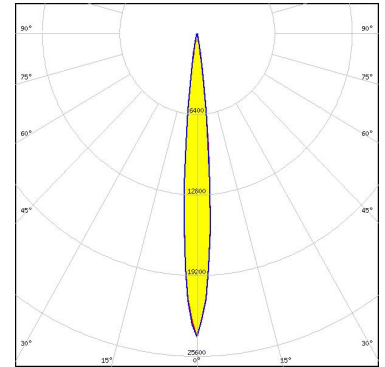


Light distribution files

OPTICAL RESULTS (SIMULATED):



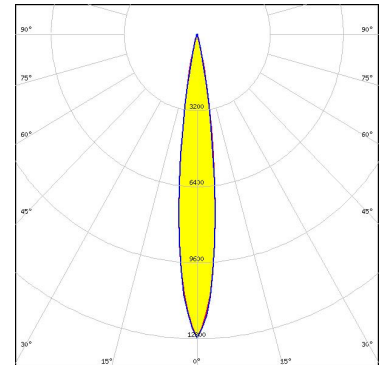
LED XT-E
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 91 %
 Peak intensity 24.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



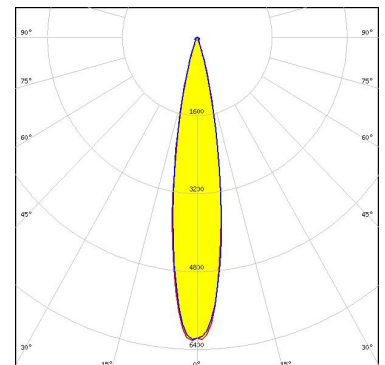
LED LUXEON 5050 Round LES
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 92 %
 Peak intensity 12.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON 7070
 FWHM / FWTM 18.0° / 34.0°
 Efficiency 90 %
 Peak intensity 6.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

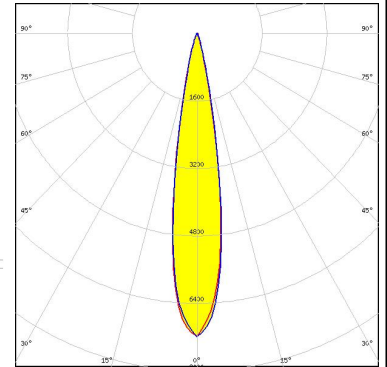
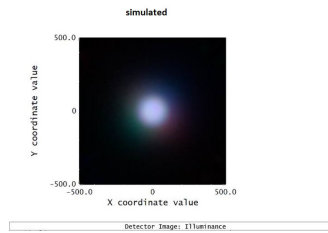


Light distribution files

OPTICAL RESULTS (SIMULATED):



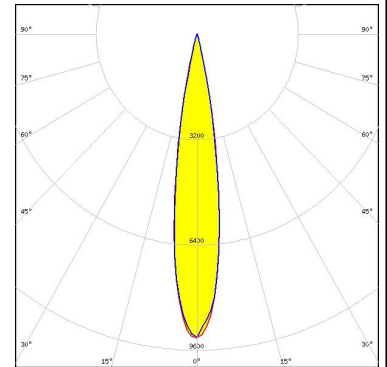
LED LUXEON C
FWHM / FWTM 18.0 + °
Efficiency 86 %
Peak intensity 7.2 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:



Light distribution files



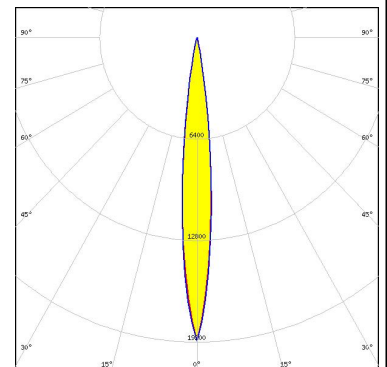
LED LUXEON M/MX
FWHM / FWTM 17.0° / 28.0°
Efficiency 91 %
Peak intensity 9.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON Rubix
FWHM / FWTM 12.0° / 21.0°
Efficiency 92 %
Peak intensity 19.1 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:

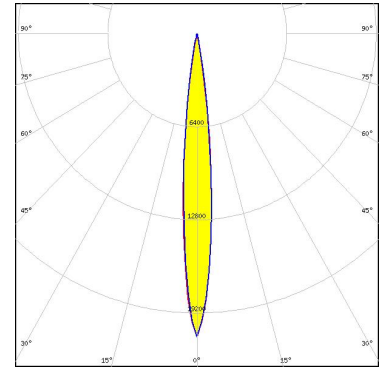


Light distribution files

OPTICAL RESULTS (SIMULATED):



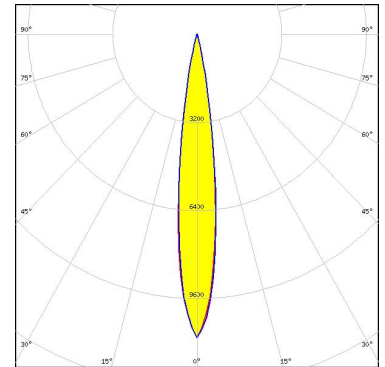
LED LUXEON Z
 FWHM / FWTM 11.0° / 20.0°
 Efficiency 91 %
 Peak intensity 21 cd/lm
 LEDs/each optic 4
 Light colour/type RGBW
 Required components:



Light distribution files



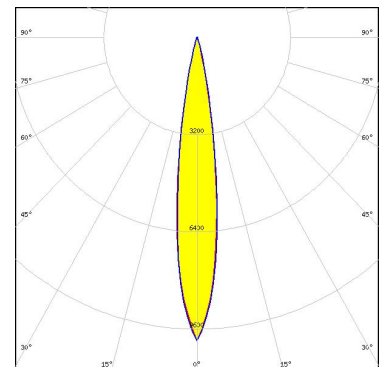
LED NCSxE17A
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 87 %
 Peak intensity 11 cd/lm
 LEDs/each optic 4
 Light colour/type RGBW
 Required components:



Light distribution files



LED NV4x144A
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 89 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

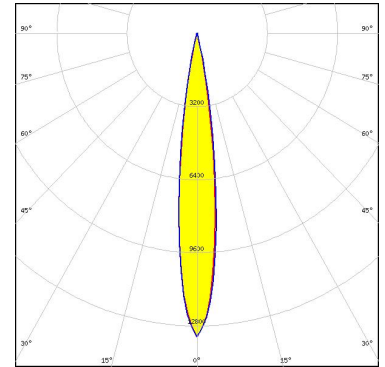


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

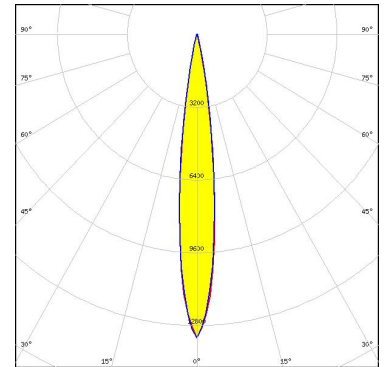
LED DURIS E 5050 (GW J9LHS1.4M)
 FWHM / FWTM 14.0° / 24.0 + 26.0°
 Efficiency 93 %
 Peak intensity 13.3 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

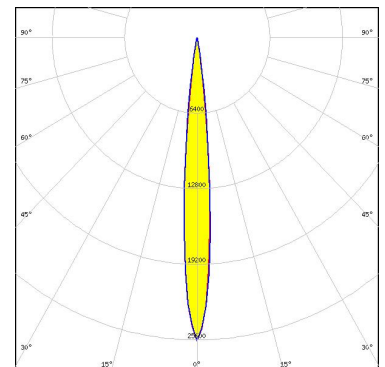
LED Duris S8
 FWHM / FWTM 14.0° / 25.0°
 Efficiency 92 %
 Peak intensity 13.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 (2W version)
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 94 %
 Peak intensity 25.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

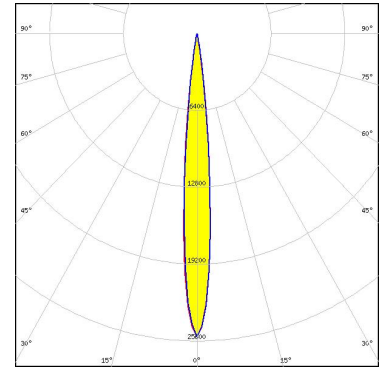


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

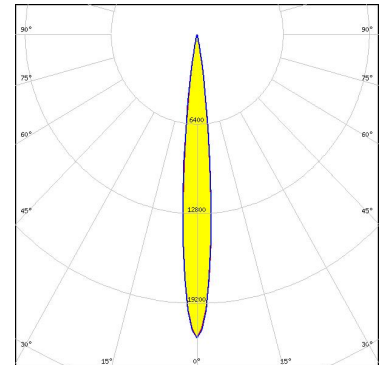
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 10.0° / 19.0°
Efficiency 93 %
Peak intensity 25.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

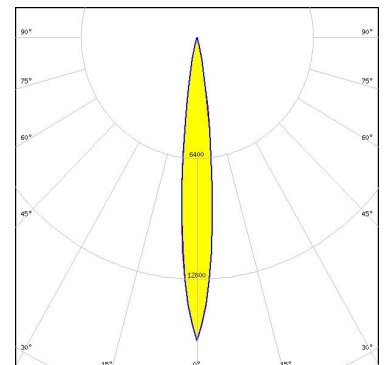
LED LH351B
FWHM / FWTM 11.0° / 20.0°
Efficiency 93 %
Peak intensity 21.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH351D
FWHM / FWTM 12.0° / 24.0°
Efficiency 92 %
Peak intensity 16.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

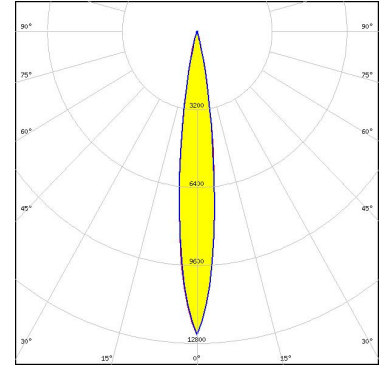


Light distribution files

OPTICAL RESULTS (SIMULATED):

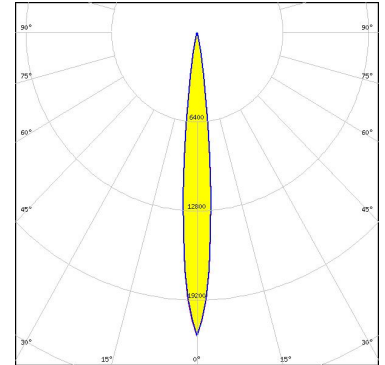
SAMSUNG

LED LH502D
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 92 %
 Peak intensity 12.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



SAMSUNG

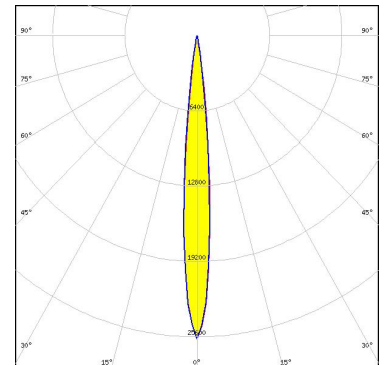
LED LM28xB Series
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 93 %
 Peak intensity 21.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Z5M1/Z5M2
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 93 %
 Peak intensity 25.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

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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