

LM1-M

~25° medium beam optimized for CREE MC-E.
14.04 mm high assembly with installation tape.

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	14 mm
Fastening	tape
ROHS compliant	yes ⓘ

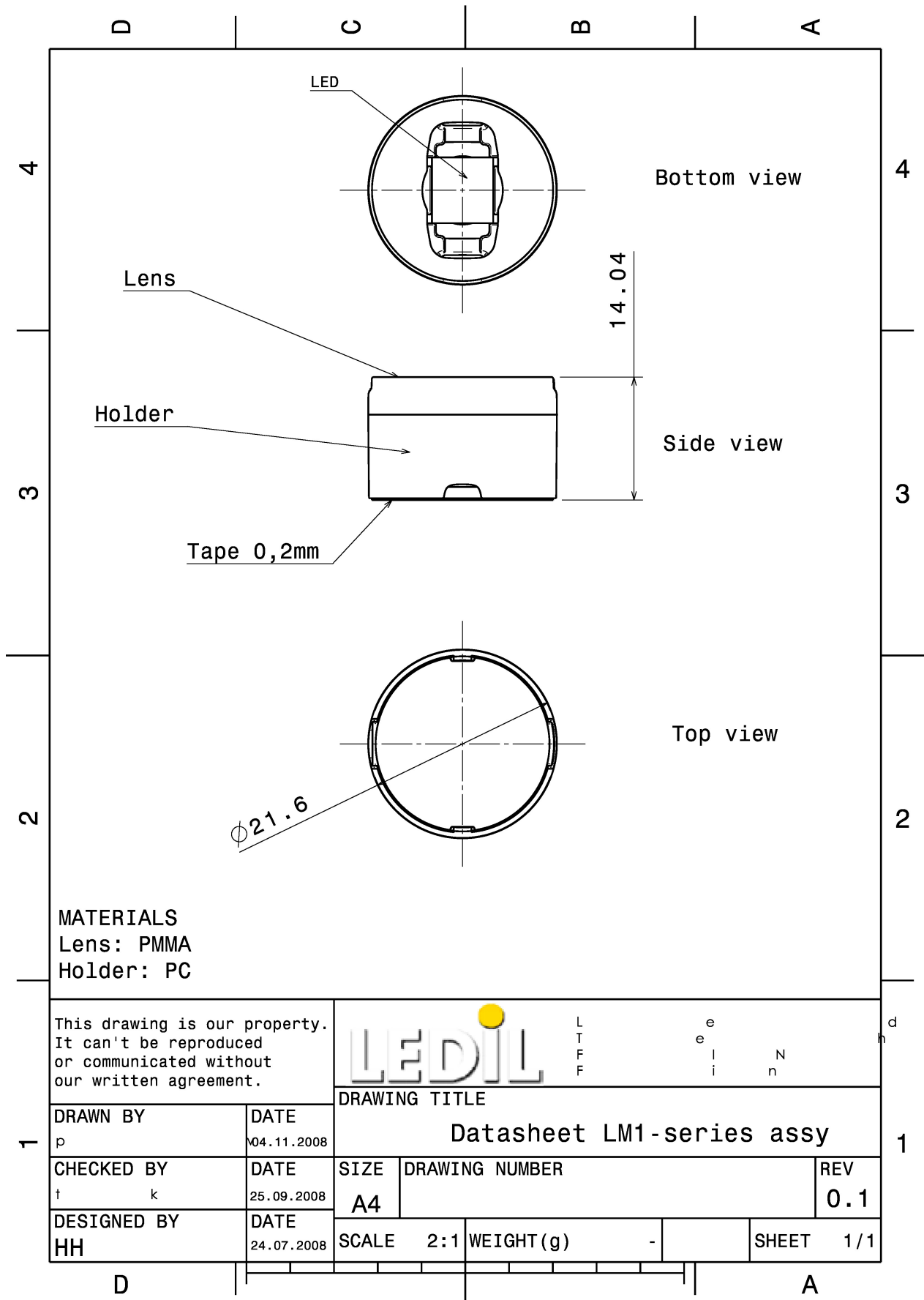


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LM1-M	Single lens	PMMA	clear		
LM-LH1-TAPE-BLK	Holder	PC	black		
LEILA-TAPE	Tape	PET tape 0,2mm	black		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
FA10614_LM1-M	2160	288	144	10.2
» Box size:				

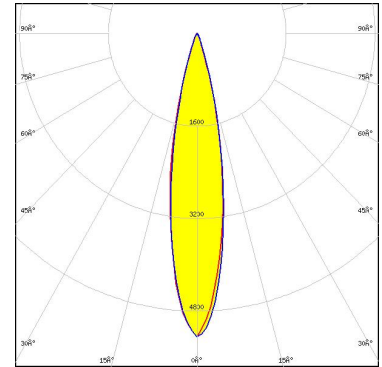


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (SIMULATED):



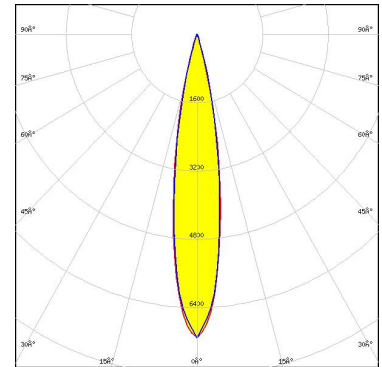
LED MC-E
FWHM / FWTM 21.0° / 38.0°
Efficiency 81 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



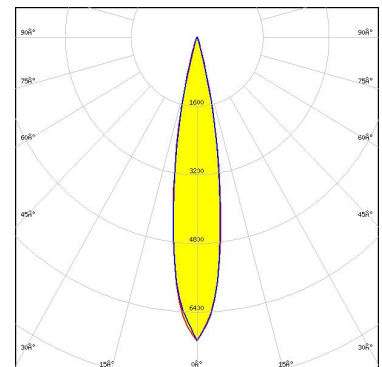
LED XE-G
FWHM / FWTM 18.0° / 32.0°
Efficiency 81 %
Peak intensity 7.1 cd/lm
LEDs/each optic 1
Light colour/type Green
Required components:



Light distribution files



LED XE-G
FWHM / FWTM 18.0° / 32.0°
Efficiency 80 %
Peak intensity 7.1 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:

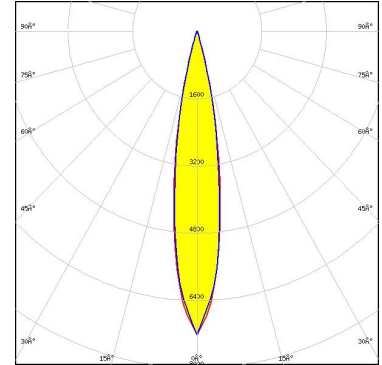


Light distribution files

OPTICAL RESULTS (SIMULATED):



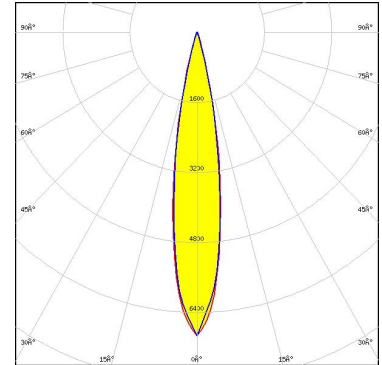
LED XE-G
 FWHM / FWTM 18.0° / 32.0°
 Efficiency 81 %
 Peak intensity 7.2 cd/lm
 LEDs/each optic 1
 Light colour/type Blue
 Required components:



Light distribution files



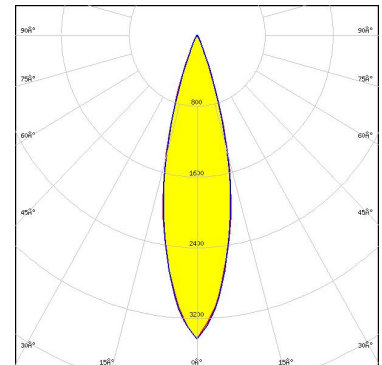
LED XE-G
 FWHM / FWTM 18.0° / 32.0°
 Efficiency 79 %
 Peak intensity 6.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XHP35.2 HD
 FWHM / FWTM 26.0° / 44.0°
 Efficiency 77 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

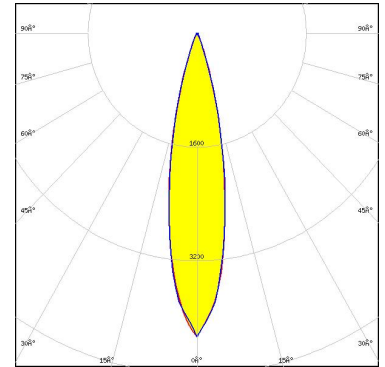


Light distribution files

OPTICAL RESULTS (SIMULATED):



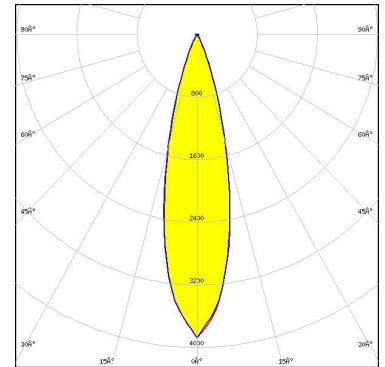
LED XHP50.3 HD
FWHM / FWTM 22.0° / 40.0°
Efficiency 75 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



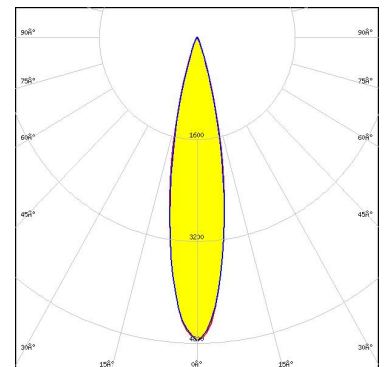
LED XP-G3
FWHM / FWTM 26.0° / 46.0°
Efficiency 87 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON 5050 Square LES
FWHM / FWTM 22.0° / 38.0°
Efficiency 79 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

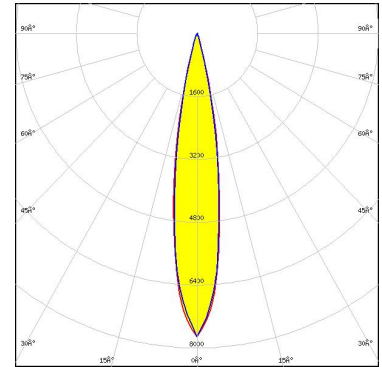


Light distribution files

OPTICAL RESULTS (SIMULATED):



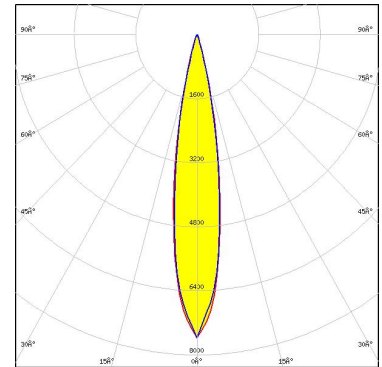
LED LUXEON Rubix
FWHM / FWTM 18.0° / 30.0°
Efficiency 83 %
Peak intensity 7.7 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:



Light distribution files



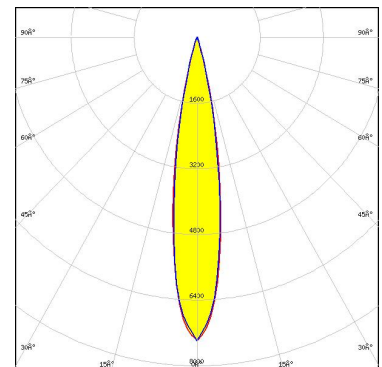
LED LUXEON Rubix
FWHM / FWTM 18.0° / 31.0°
Efficiency 83 %
Peak intensity 7.6 cd/lm
LEDs/each optic 1
Light colour/type Blue
Required components:



Light distribution files



LED LUXEON Rubix
FWHM / FWTM 18.0° / 32.0°
Efficiency 82 %
Peak intensity 7.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

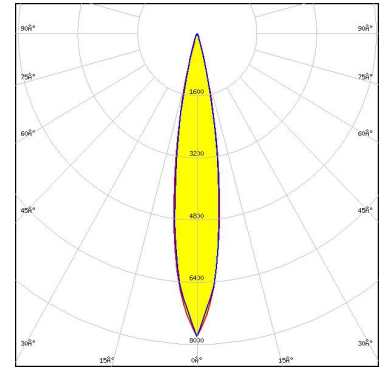


Light distribution files

OPTICAL RESULTS (SIMULATED):



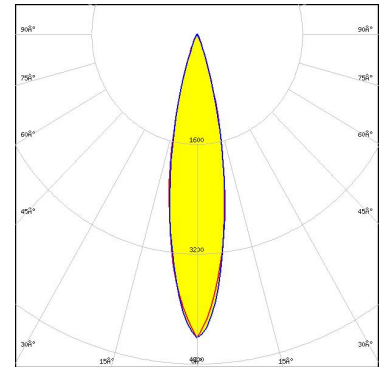
LED LUXEON Rubix
FWHM / FWTM 18.0° / 30.0°
Efficiency 83 %
Peak intensity 7.8 cd/lm
LEDs/each optic 1
Light colour/type Green
Required components:



Light distribution files



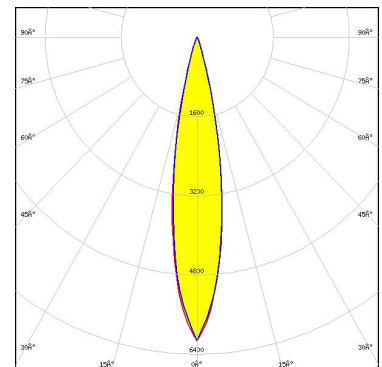
LED Duris S8
FWHM / FWTM 22.0° / 40.0°
Efficiency 76 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSCONIQ P 3737 (3W version)
FWHM / FWTM 20.0° / 34.0°
Efficiency 80 %
Peak intensity 6.1 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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