

## 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 ⓘ

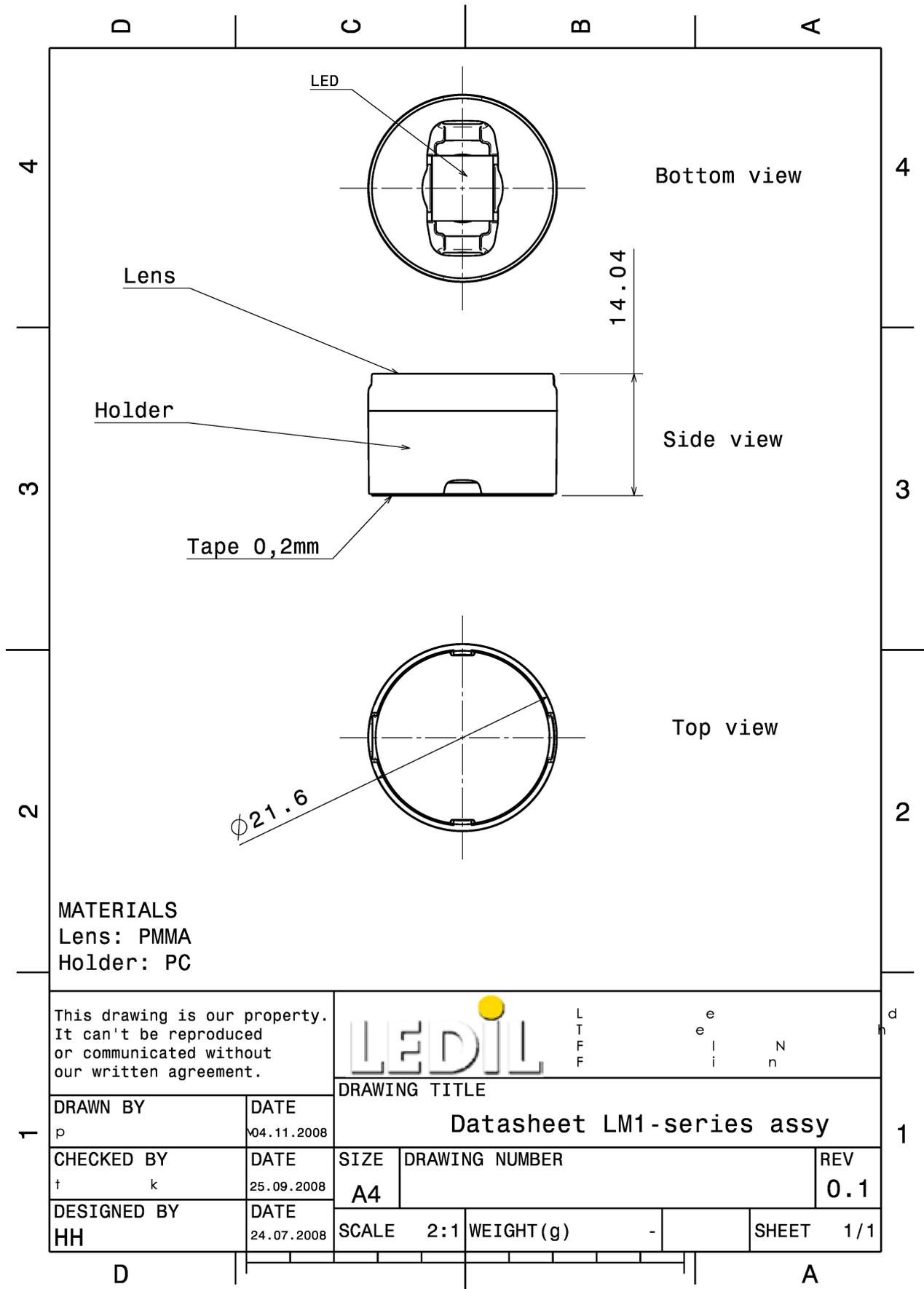


### MATERIALS:

Component	Type	Material	Colour	Finish	Length
LM1-M	Single lens	PMMA	clear		21.6
LM-LH1-TAPE-BLK	Holder	PC	black		21.6
LEILA-TAPE	Tape	PET tape 0,2mm	black		20.7

### ORDERING INFORMATION:

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

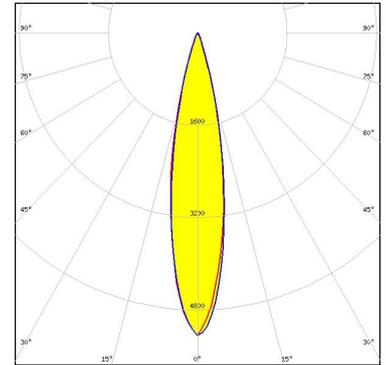


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (SIMULATED):



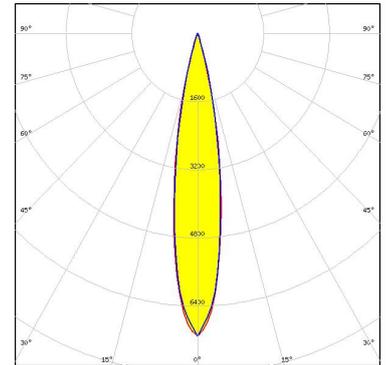
LED MC-E  
 FWHM / FWTM 21.0° / 38.0°  
 Efficiency 81 %  
 Peak intensity 5.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



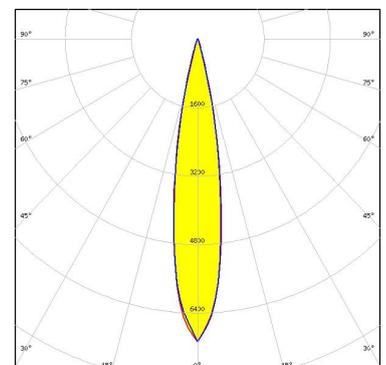
LED XE-G  
 FWHM / FWTM 18.0° / 32.0°  
 Efficiency 81 %  
 Peak intensity 7.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type Green  
 Required components:



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:

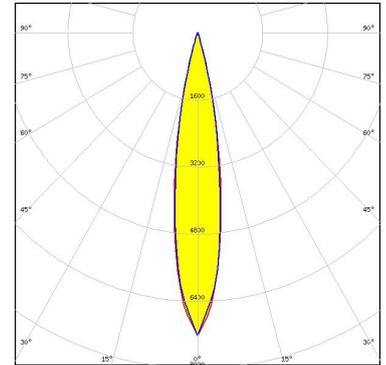


Light distribution files

### OPTICAL RESULTS (SIMULATED):



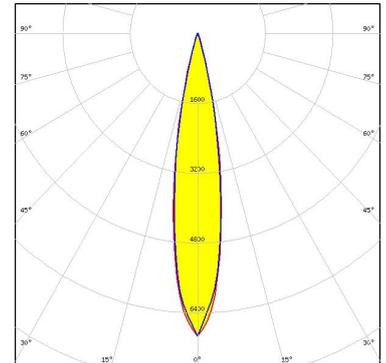
LED XE-G  
 FWHM / FWTM 18.0° / 32.0°  
 Efficiency 81 %  
 Peak intensity 7.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type Blue  
 Required components:



Light distribution files



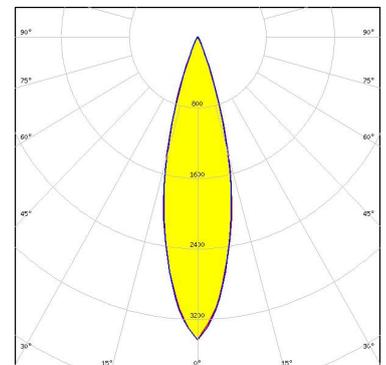
LED XE-G  
 FWHM / FWTM 18.0° / 32.0°  
 Efficiency 79 %  
 Peak intensity 6.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



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:

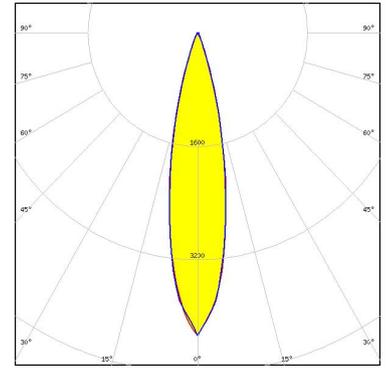


Light distribution files

### OPTICAL RESULTS (SIMULATED):



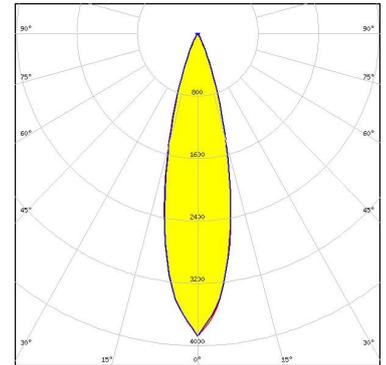
LED XHP50.3 HD  
FWHM / FWTM 22.0° / 40.0°  
Efficiency 75 %  
Peak intensity 4.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



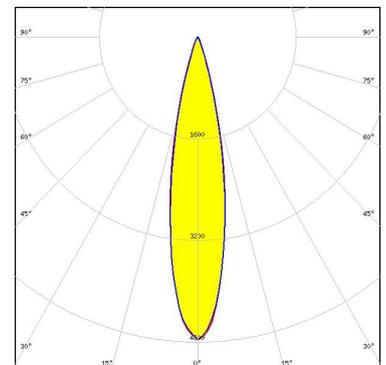
LED XP-G3  
FWHM / FWTM 26.0° / 46.0°  
Efficiency 87 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



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:

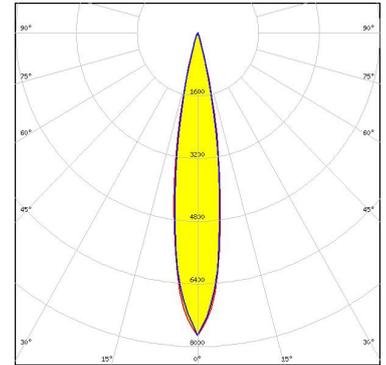


Light distribution files

### OPTICAL RESULTS (SIMULATED):



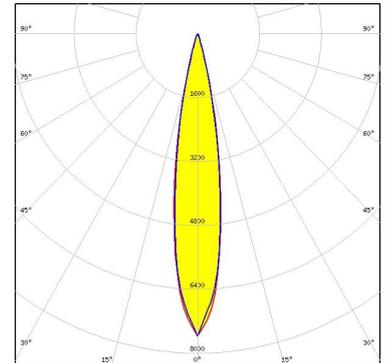
**LED** LUXEON Rubix  
**FWHM / FWTM** 18.0° / 30.0°  
**Efficiency** 83 %  
**Peak intensity** 7.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** Red  
**Required components:**



Light distribution files



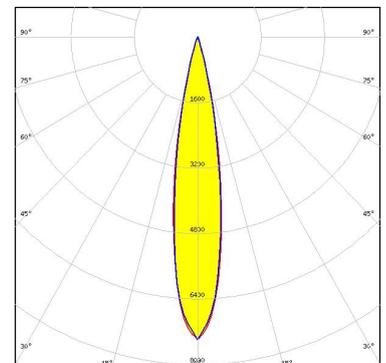
**LED** LUXEON Rubix  
**FWHM / FWTM** 18.0° / 31.0°  
**Efficiency** 83 %  
**Peak intensity** 7.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** Blue  
**Required components:**



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:**

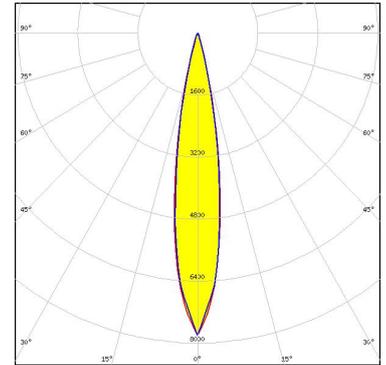


Light distribution files

### OPTICAL RESULTS (SIMULATED):



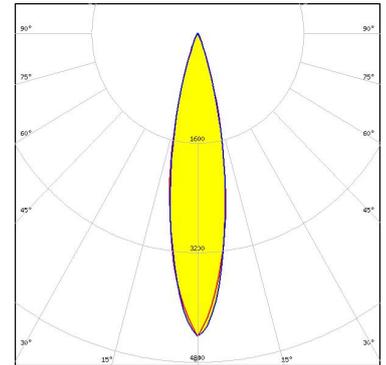
LED LUXEON Rubix  
FWHM / FWTM 18.0° / 30.0°  
Efficiency 83 %  
Peak intensity 7.8 cd/lm  
LEDs/each optic 1  
Light colour/type Green  
Required components:



Light distribution files



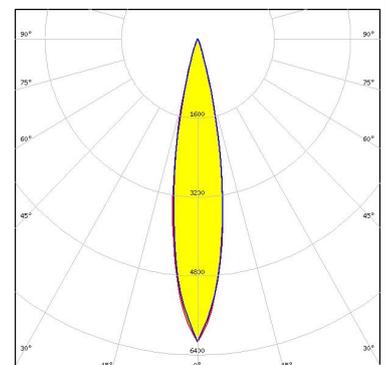
LED Duris S8  
FWHM / FWTM 22.0° / 40.0°  
Efficiency 76 %  
Peak intensity 4.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



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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