

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 ⓘ

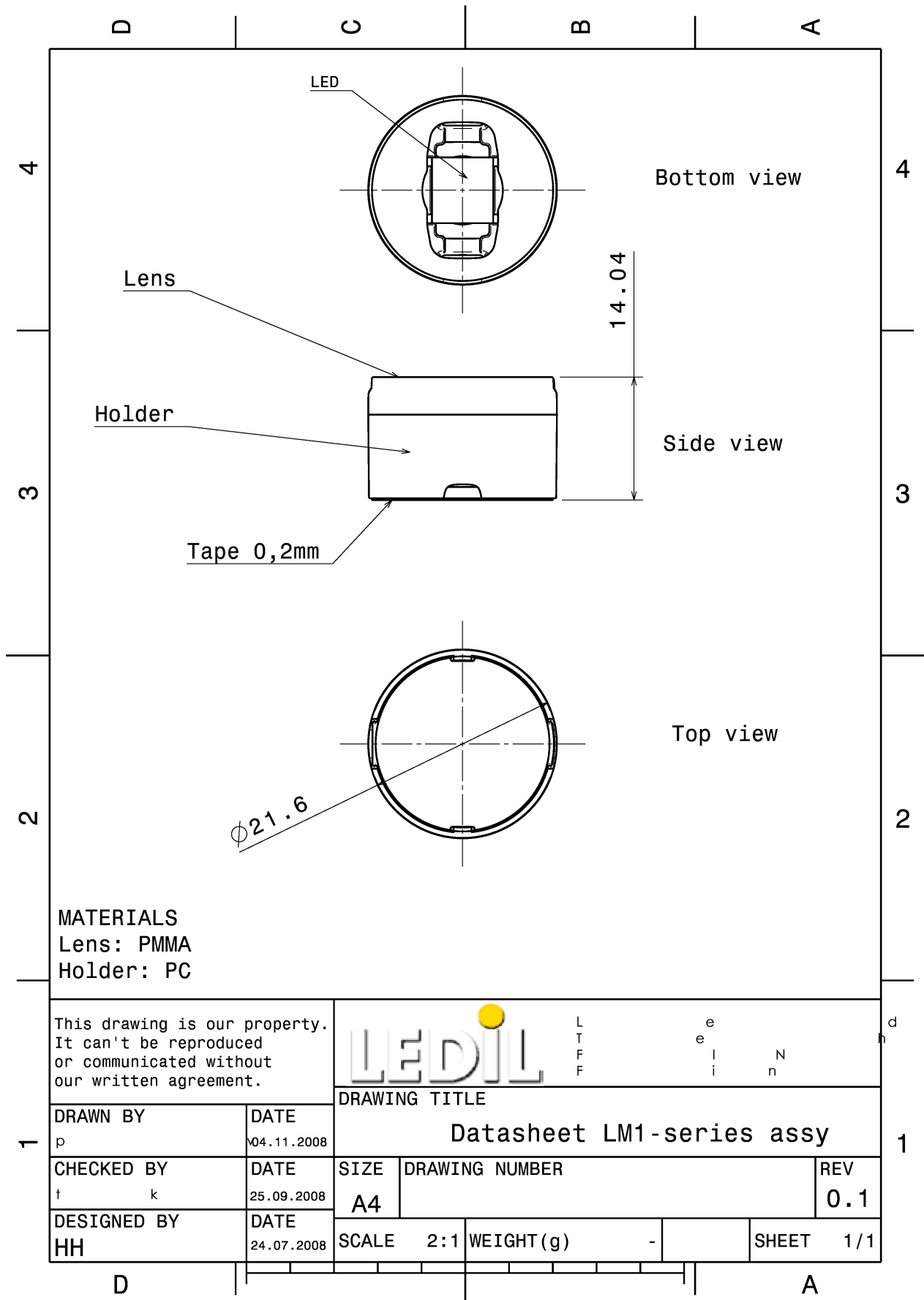


MATERIALS:

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

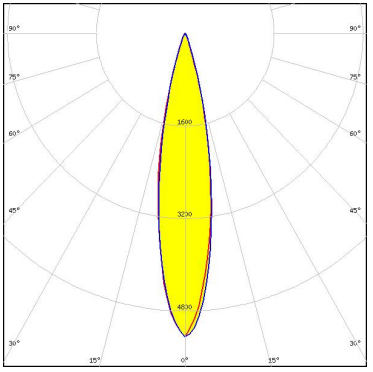
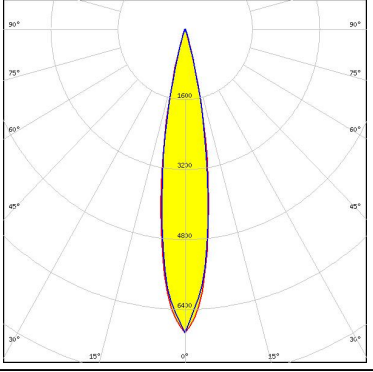
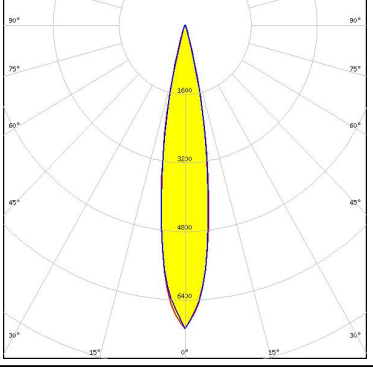
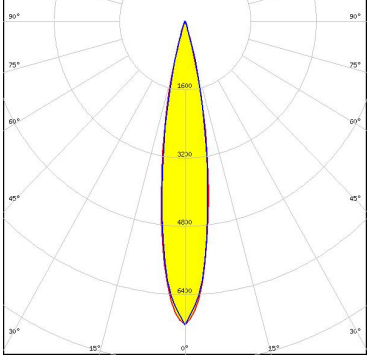
ORDERING INFORMATION:

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



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

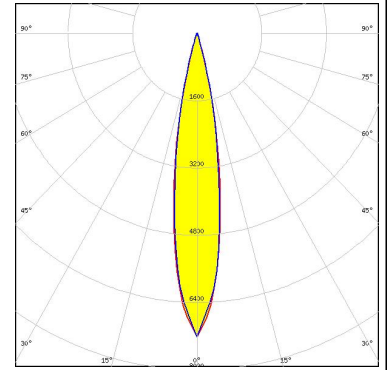
OPTICAL RESULTS (SIMULATED):

<p>CREE ⇄ LED</p> <p>LED MC-E FWHM / FWTM 21.0° / 38.0° Efficiency 81 % Peak intensity 5.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE ⇄ LED</p> <p>LED XE-G FWHM / FWTM 18.0° / 32.0° Efficiency 79 % Peak intensity 6.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE ⇄ LED</p> <p>LED XE-G FWHM / FWTM 18.0° / 32.0° Efficiency 80 % Peak intensity 7.1 cd/lm LEDs/each optic 1 Light colour Red Required components:</p>	
<p>CREE ⇄ LED</p> <p>LED XE-G FWHM / FWTM 18.0° / 32.0° Efficiency 81 % Peak intensity 7.1 cd/lm LEDs/each optic 1 Light colour Green Required components:</p>	

OPTICAL RESULTS (SIMULATED):

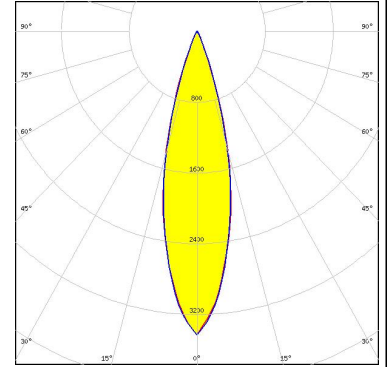
CREE LED

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



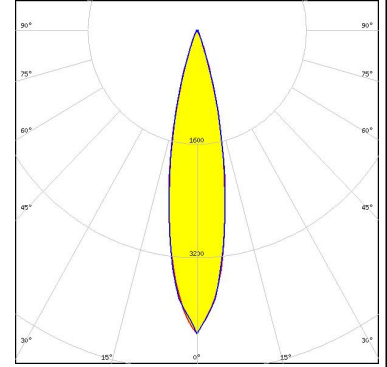
CREE LED

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



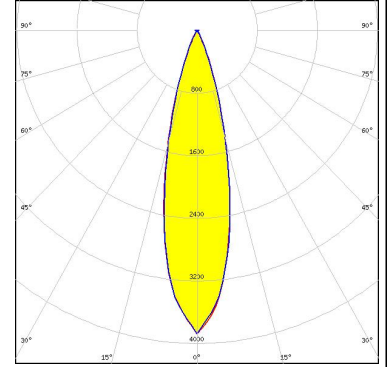
CREE LED

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



CREE LED

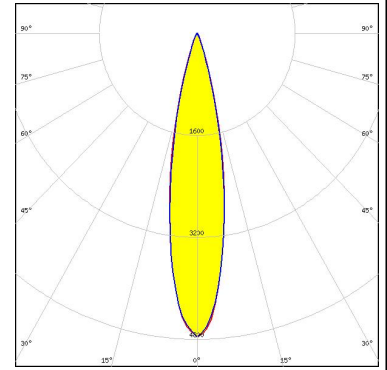
LED XP-G3
 FWHM / FWTM 26.0° / 46.0°
 Efficiency 87 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

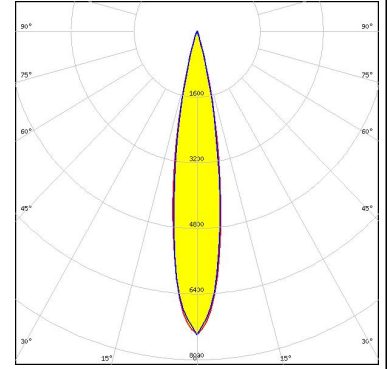
LUMILEDS

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 White
 Required components:



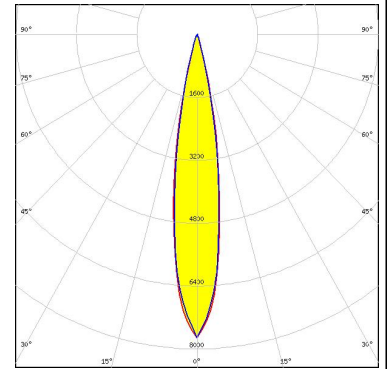
LUMILEDS

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



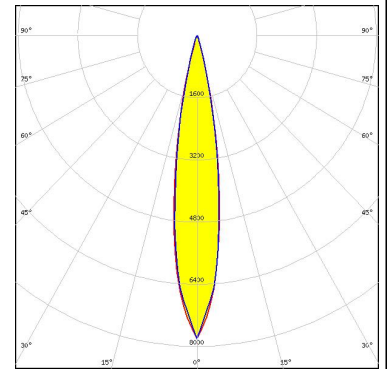
LUMILEDS

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

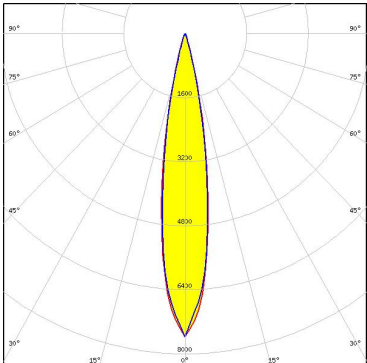
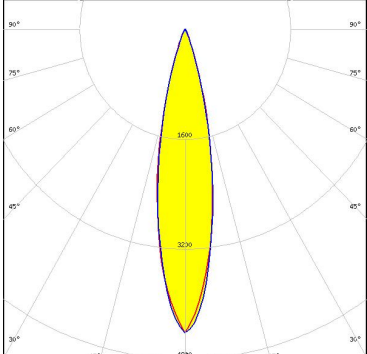
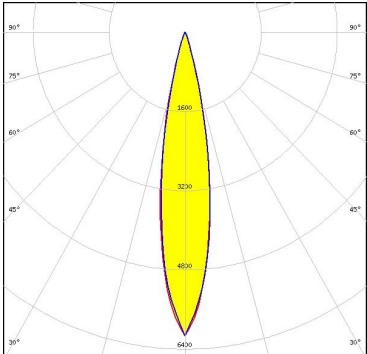


LUMILEDS

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



OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON Rubix FWHM / FWTM: 18.0° / 31.0° Efficiency: 83 % Peak intensity: 7.6 cd/lm LEDs/each optic: 1 Light colour: Blue Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: Duris S8 FWHM / FWTM: 22.0° / 40.0° Efficiency: 76 % Peak intensity: 4.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>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: White Required components:</p>	

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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