

## LM1-M

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

### TECHNICAL SPECIFICATIONS:

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

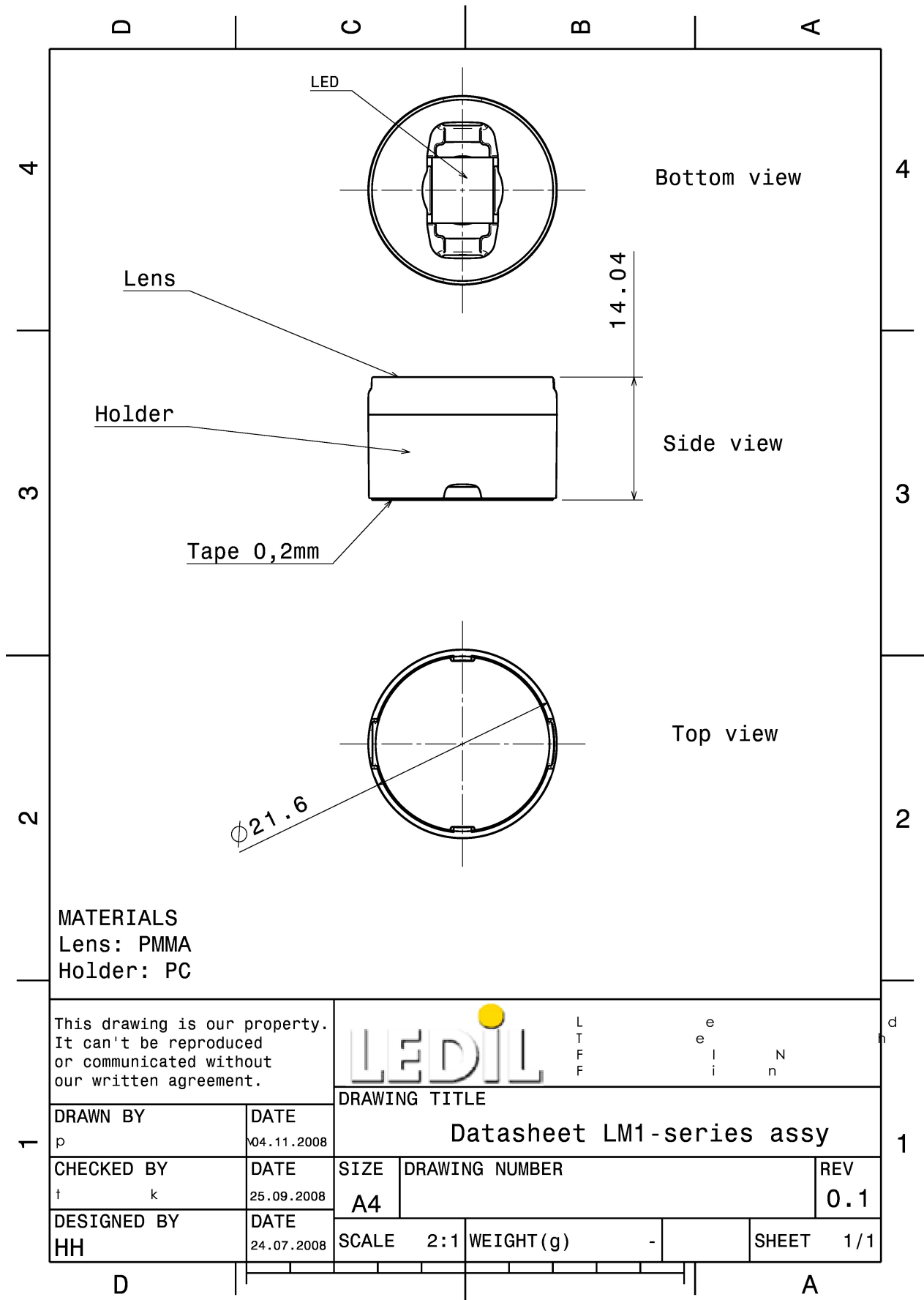


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LM1-M	Single lens	PMMA	clear	
LM-LH1-TAPE-BLK	Holder	PC	black	
LEILA-TAPE	Tape	PU 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](http://www.ledil.com/installation_guide)

## PHOTOMETRIC DATA (MEASURED):

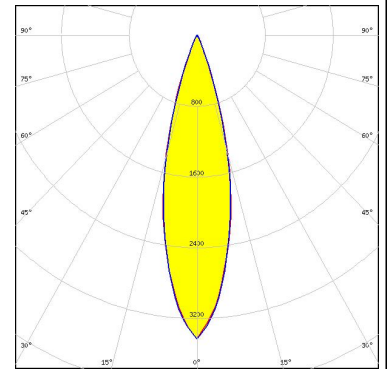


LED	MC-E
FWHM / FWTM	24.0°
Efficiency	88 %
LEDs/each optic	1
Light colour	White
Required components:	

### PHOTOMETRIC DATA (SIMULATED):

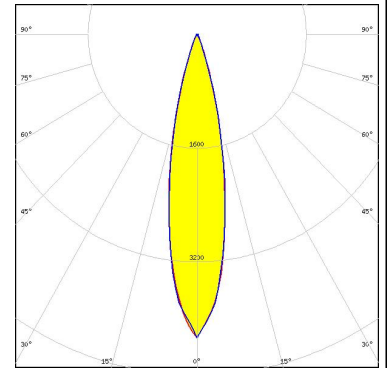
#### CREE LED

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



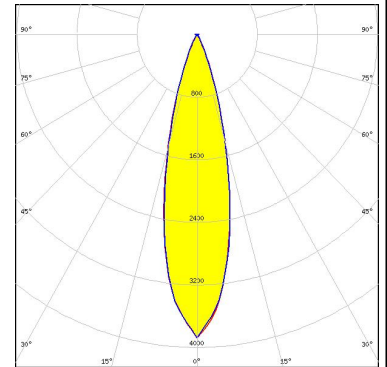
#### CREE LED

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:



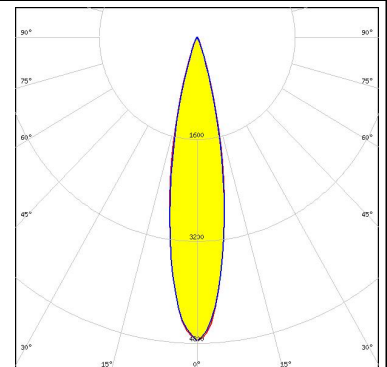
#### CREE LED

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:



#### LUMILEDS

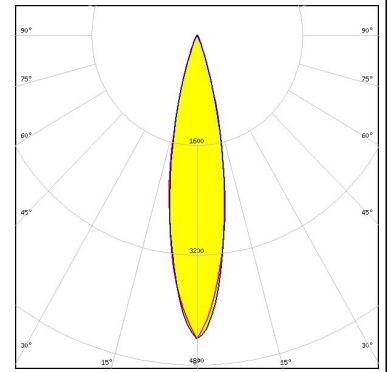
LED LUXEON 5050 Square LES  
 FWHM / FWTM 22.0° / 38.0°  
 Efficiency 79 %  
 Peak intensity 4.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

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:	



### 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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