LM1-W

~40° wide beam optimized for CREE MC-E. 14.04 mm high assembly with installation tape.

SPECIFICATION:

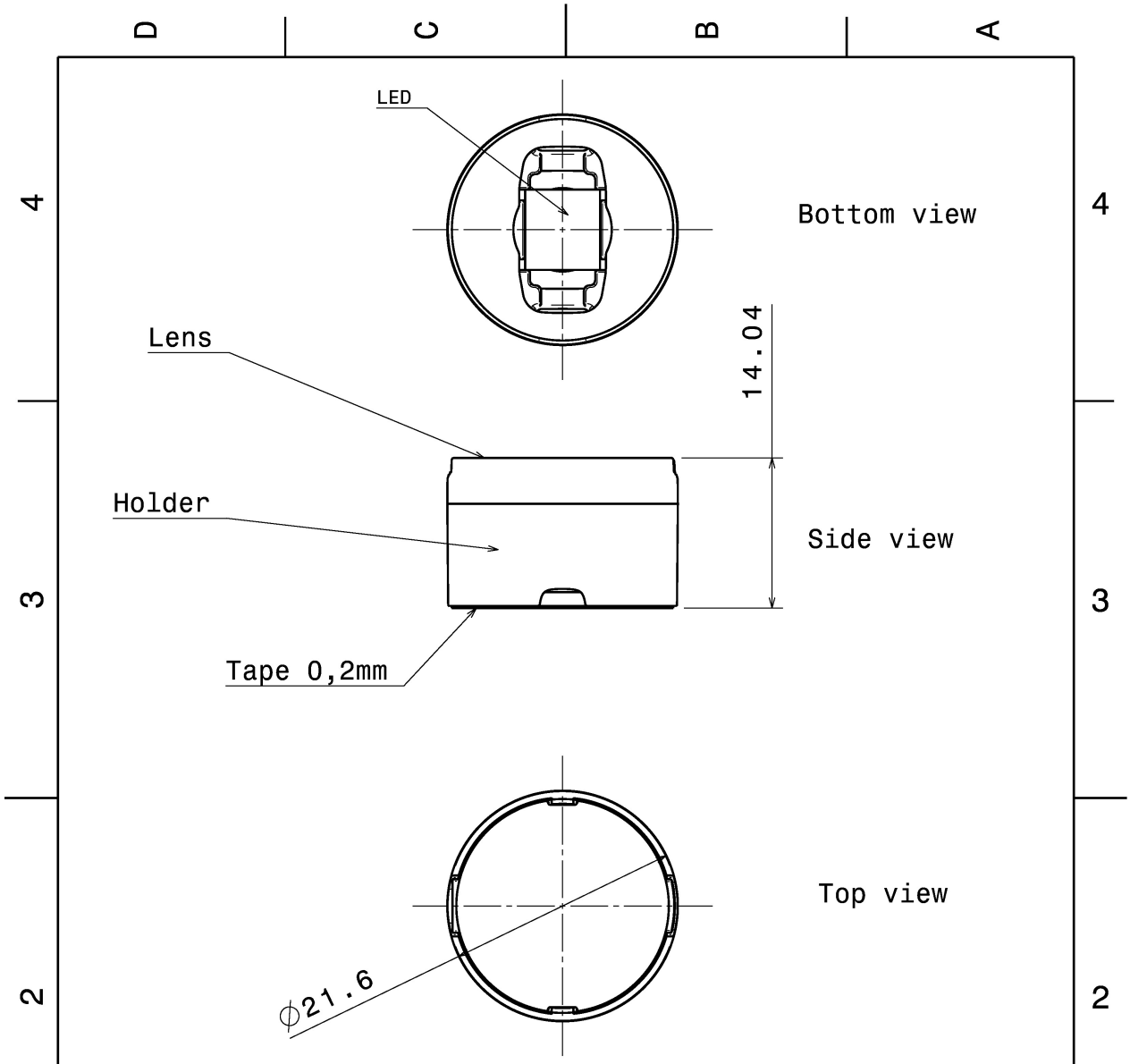
Dimensions	Ø 21.6 mm
Height	14 mm
Fastening	tape
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish
LM1-W	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)
FA11894_LM1-W	Single lens	2304		144	0.0
» Box size:					



MATERIALS
Lens: PMMA
Holder: PC

DRAWN BY: p	DATE: 04.11.2008
CHECKED BY: t k	DATE: 25.09.2008
DESIGNED BY: HH	DATE: 24.07.2008

DRAWING TITLE: Datasheet LM1-series assy

SIZE	DRAWING NUMBER	REV
A4		0.1

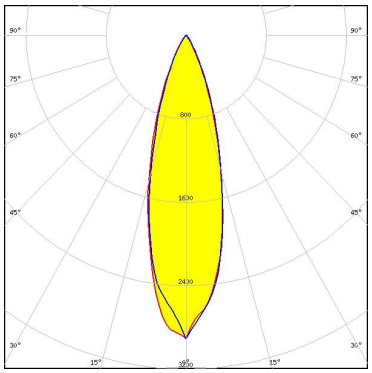
SCALE	WEIGHT(g)		SHEET
2:1	-		1/1

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

OPTICAL RESULTS (SIMULATED):

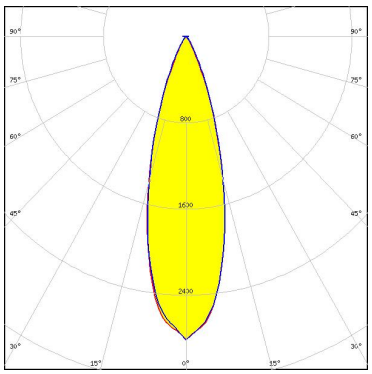
CREE LEDs

LED	MC-E
FWHM / FWTM	29.0° / 56.0°
Efficiency	91 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



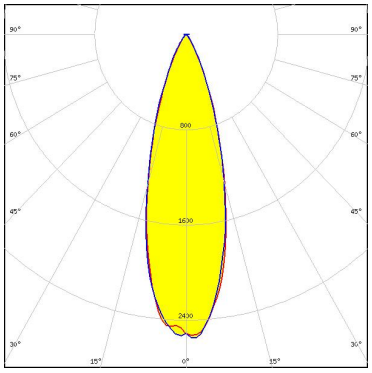
CREE LEDs

LED	XP-G3
FWHM / FWTM	30.0° / 53.0°
Efficiency	86 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



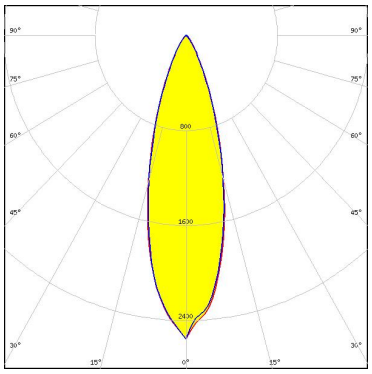
CREE LEDs

LED	XP-L2
FWHM / FWTM	30.0° / 56.0°
Efficiency	85 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

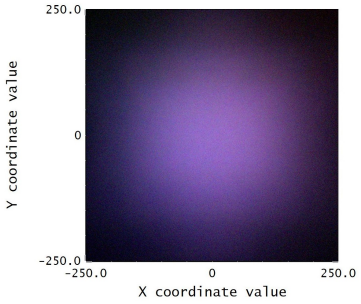
LED	LUXEON 5050 Square LES
FWHM / FWTM	30.0° / 58.0°
Efficiency	86 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

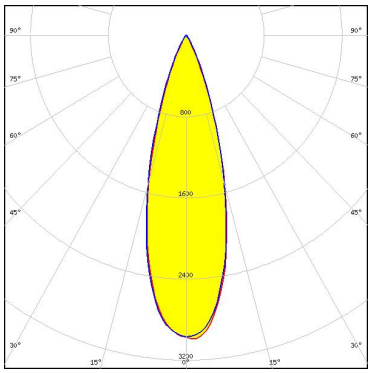


OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSTAR Stage (S2WM)
FWHM / FWTM	30.0° / 53.0°
Efficiency	90 %
Peak intensity	3 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:

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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LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.
405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support
www.ledil.com/
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