

PRODUCT DATASHEET FA10650_LM1-D

LM1-D

~14° diffused spot 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:

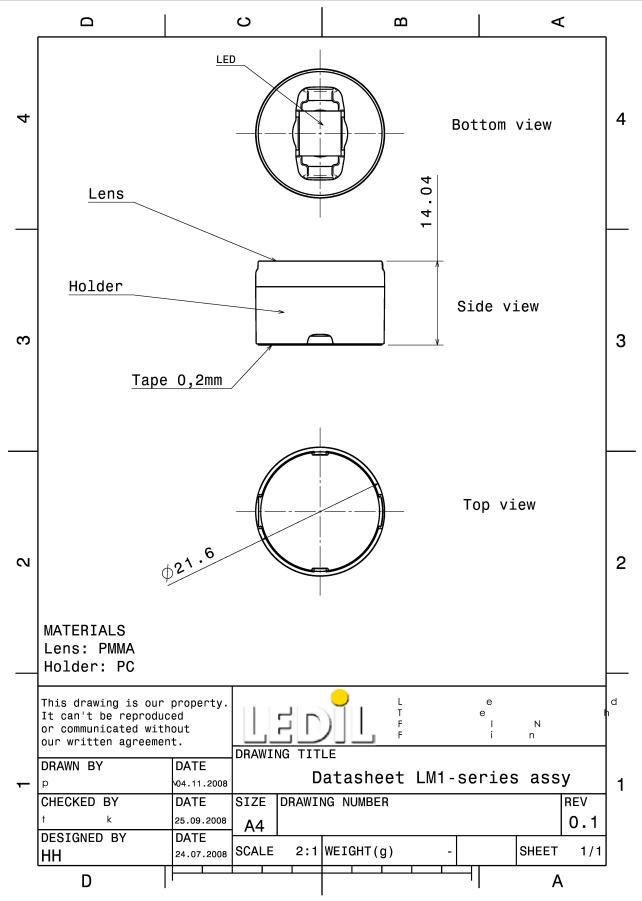
Component	Туре	Material	Colour	Finish
LM1-D	Single lens	PMMA	clear	
LM-LH1-TAPE-BLK	Holder	PC	black	
LEILA-TAPE	Таре	PET tape 0,2mm	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA10650_LM1-D » Box size:	Single lens	2160	288	144	10.2



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



OPTICAL RESULTS (MEASURED):

	D
LED	MC-E
FWHM / FWTM	20.0° / 91.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required compone	ents:



OPTICAL RESULTS (SIMULATED):

		90* 90*
LED	XP-G3	
FWHM / FWTM	18.0° / 30.0°	25.
Efficiency	89 %	50 ⁴
Peak intensity	8.7 cd/lm	
LEDs/each optic	1	
Light colour	White	57
Required components:		6130
		30" 30" 30"
		14/16
OCDAM		7
OSRAM Opto Semiconductors		90* 90*
	Duris S8	
Opto Semiconductors	Duris S8 24.0° / 43.0°	2 ⁴ 2 ⁵
Opto Semiconductors LED		27. 27.
opto Semiconductors LED FWHM / FWTM	24.0° / 43.0°	
^{Opto Semiconductors} LED FWHM / FWTM Efficiency	24.0° / 43.0° 90 %	27. 27.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	24.0° / 43.0° 90 % 4.3 cd/lm	27. 27.
^{opto Semiconductors} LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	24.0° / 43.0° 90 % 4.3 cd/lm 1	73° - 75° -
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	24.0° / 43.0° 90 % 4.3 cd/lm 1	ç. 61
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	24.0° / 43.0° 90 % 4.3 cd/lm 1	ç. 61
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	24.0° / 43.0° 90 % 4.3 cd/lm 1	ç. 61



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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