

LM1-D

~14° diffused spot 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-D	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)
FA10650_LM1-D	Single lens	2160	288	144	10.2
» Box size:					



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DRAWN BY p	DATE 04.11.2008	Datashet LM1-series assy			REV 0.1
CHECKED BY i k	DATE 25.09.2008	SIZE A4	DRAWING NUMBER		REV 0.1
DESIGNED BY HH	DATE 24.07.2008	SCALE 2:1	WEIGHT (g)	-	SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

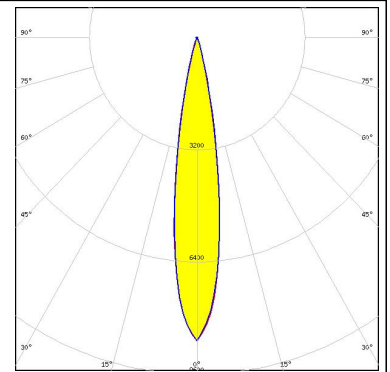
CREE 

LED MC-E
FWHM 20.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (SIMULATED):

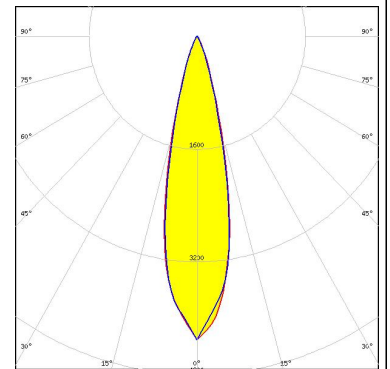
CREE 

LED XP-G3
FWHM 18.0°
Efficiency 89 %
Peak intensity 8.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM
Opto Semiconductors

LED Duris S8
FWHM 24.0°
Efficiency 90 %
Peak intensity 4.3 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:

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