

## LM1-O-90

~10° x 40° oval beam optimized for CREE MC-E.  
14.04 mm high assembly with installation tape.  
Variant with beam direction rotated 90°.

### TECHNICAL SPECIFICATIONS:

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

### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LM1-O-90	Single lens	PMMA		
LM-LH1-TAPE-BLK	Holder	PC		
LEILA-TAPE	Tape	PU tape 0,2mm		

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11067_LM1-O-90	Single lens	2160	288	144	0.0
» 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 (SIMULATED):

**CREE** 

LED	MC-E
FWHM	36.0 + 21.0°
Efficiency	%
Peak intensity	cd/m
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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