

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