

## LR2-M

~25° medium beam optimized for LUXEON Rebel. 14.4 mm high assembly with installation tape.



### TECHNICAL SPECIFICATIONS:

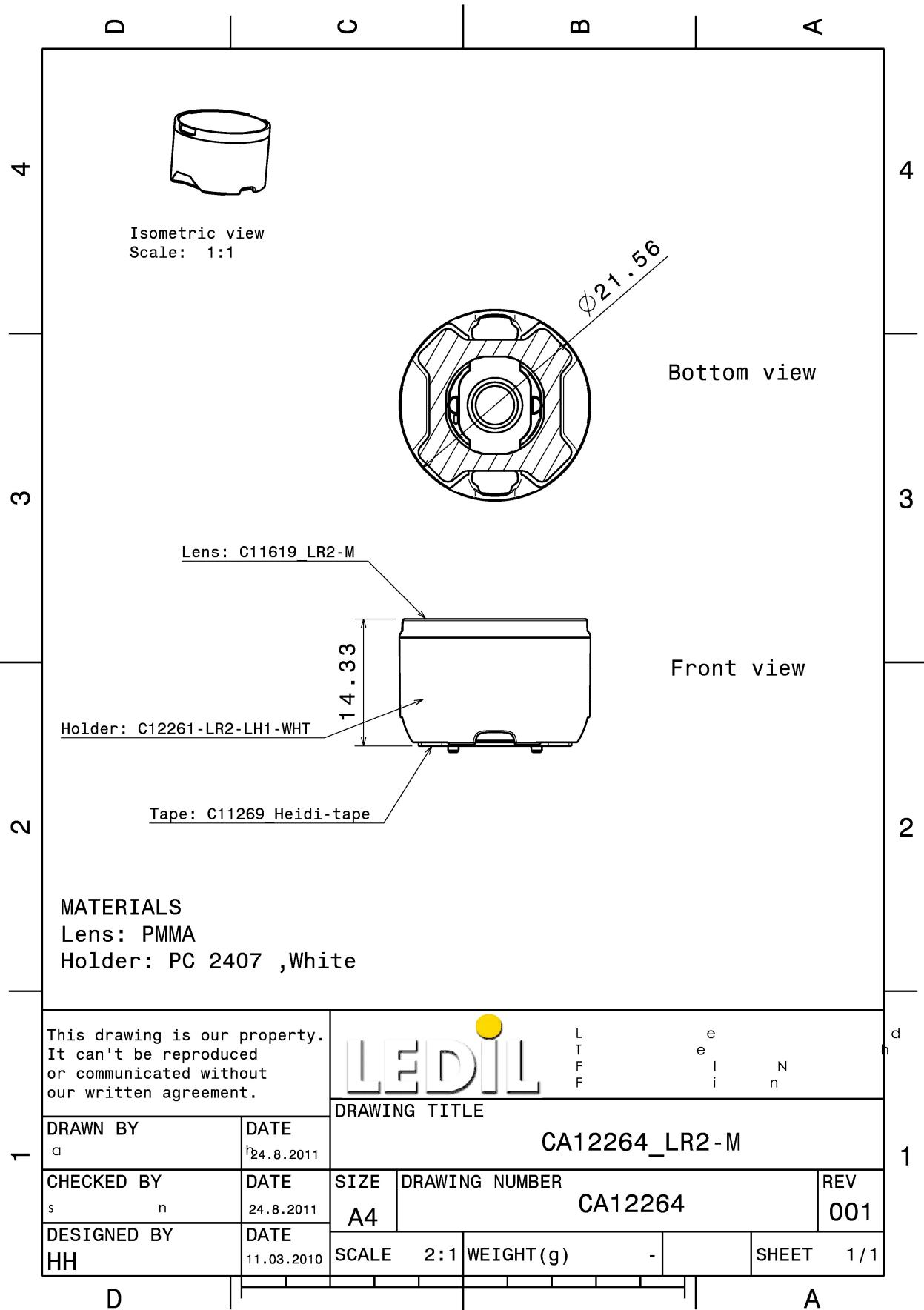
|                |           |
|----------------|-----------|
| Dimensions     | Ø 21.6 mm |
| Height         | 14.4 mm   |
| Fastening      | tape, pin |
| ROHS compliant | yes ⓘ     |

### MATERIAL SPECIFICATIONS:

| Component   | Type        | Material | Colour | Finish |
|-------------|-------------|----------|--------|--------|
| LXP2-M      | Single lens | PMMA     |        |        |
| LR2-LH1-WHT | Holder      | PC       |        |        |
| HEIDI-TAPE  | Tape        | PU tape  |        |        |

### ORDERING INFORMATION:

| Component                                       | Qty in box  | MOQ  | MPQ | Box weight (kg) |
|---|-------------|------|-----|-----------------|
| CA12264_LR2-M<br>» Box size: 480 x 280 x 300 mm | Single lens | 1680 | 112 | 9.0             |



## PHOTOMETRIC DATA (MEASURED):

### LUMILEDS

LED LUXEON Rebel

FWHM 23.0°

Efficiency 93 %

Peak intensity cd/lm

LEDs/each optic 1

Light colour White

Required components:

### NICHIA

LED NCSxx19B

FWHM 25.0°

Efficiency 90 %

Peak intensity 4.900 cd/lm

LEDs/each optic 1

Light colour White

Required components:

### OSRAM

Opto Semiconductors

LED OSLON Black Flat

FWHM 17.0°

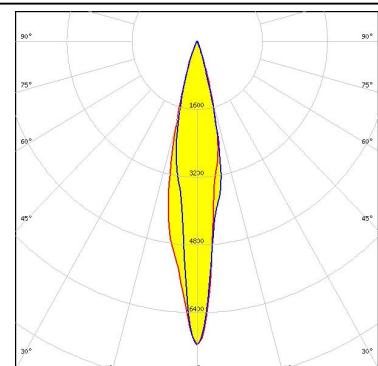
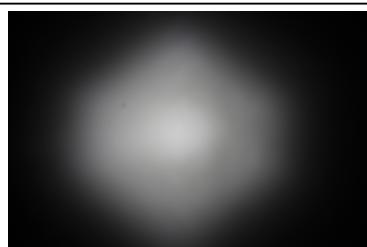
Efficiency 94 %

Peak intensity 7.200 cd/lm

LEDs/each optic 1

Light colour White

Required components:



### OSRAM

Opto Semiconductors

LED OSLON SSL 150

FWHM 23.0°

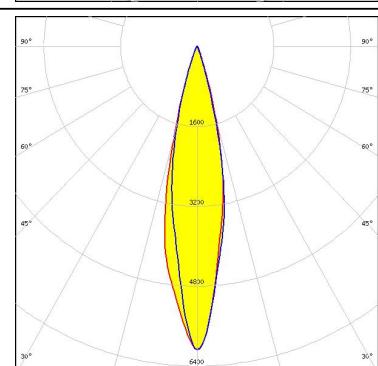
Efficiency 94 %

Peak intensity 6.100 cd/lm

LEDs/each optic 1

Light colour White

Required components:

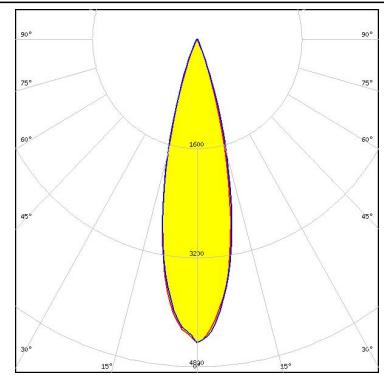


## PHOTOMETRIC DATA (SIMULATED):

### OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM 26.0°  
Efficiency 94 %  
Peak intensity 4.500 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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