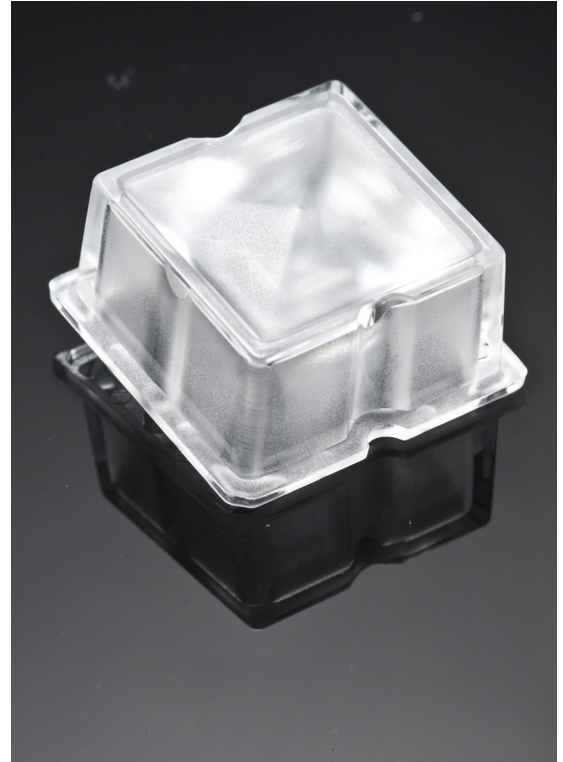


## HB-SQ-A

~50° wide beam

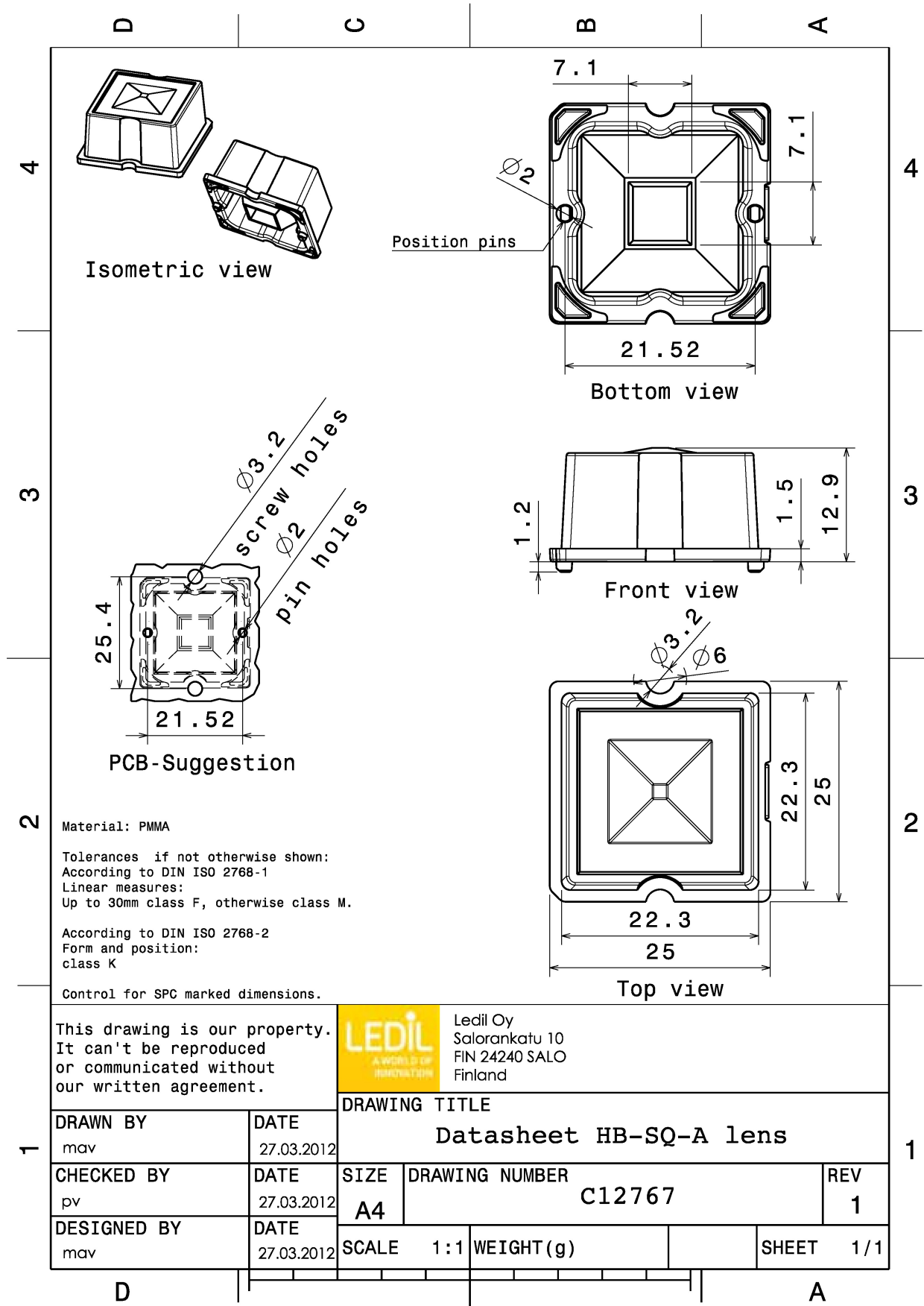
### TECHNICAL SPECIFICATIONS:

|                 |                    |
|-----------------|--------------------|
| Dimensions      | 25 + 25 mm         |
| Height          | 12.9 mm            |
| Fastening       | glue, screw, pin   |
| Colour          | clear              |
| Box size        | 480 x 280 x 300 mm |
| Box weight      | 10.7 kg            |
| Quantity in Box | 1960 pcs           |
| ROHS compliant  | yes ⓘ              |



### MATERIAL SPECIFICATIONS:

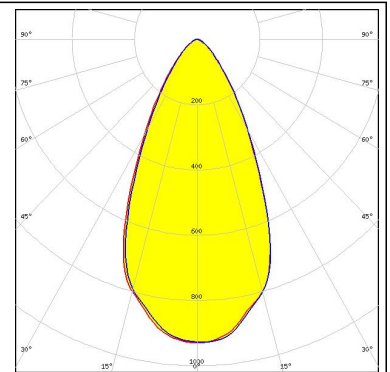
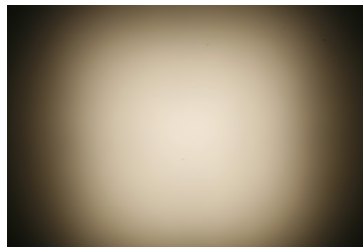
| Component | Type | Material | Colour |
|-----------|------|----------|--------|
| HB-SQ-A   | Lens | PMMA     | clear  |



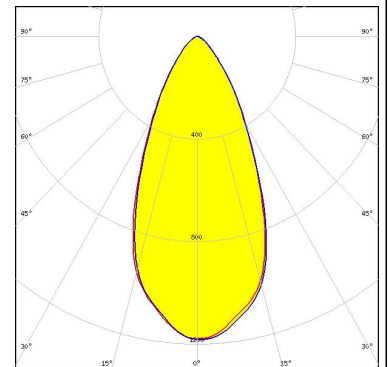
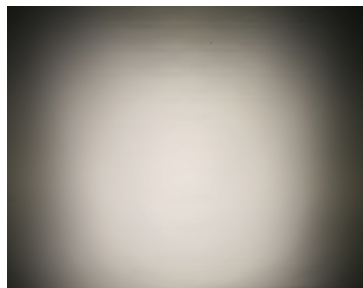
## PHOTOMETRIC DATA (MEASURED):



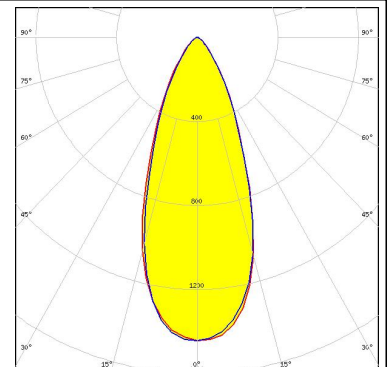
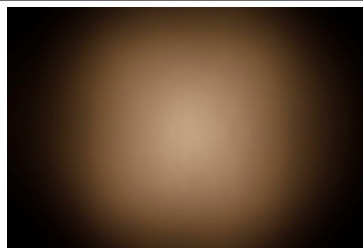
LED MK-R  
FWHM 54.0°  
Efficiency 86 %  
Peak intensity 1.000 cd/lm  
Required components:



LED LUXEON M/MX  
FWHM 50.0°  
Efficiency 91 %  
Peak intensity 1.200 cd/lm  
Required components:



LED LUXEON MZ  
FWHM 42.0°  
Efficiency 87 %  
Peak intensity 1.400 cd/lm  
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:

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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