

IRIS-O

~40° x 30° oval beam with sublens and holder
optimized for CREE XM-L.

TECHNICAL SPECIFICATIONS:

| | |
|----------------|------------------|
| Dimensions | Ø 38.0 mm |
| Height | 28.8 mm |
| Fastening | glue, pin, screw |
| ROHS compliant | yes ⓘ |

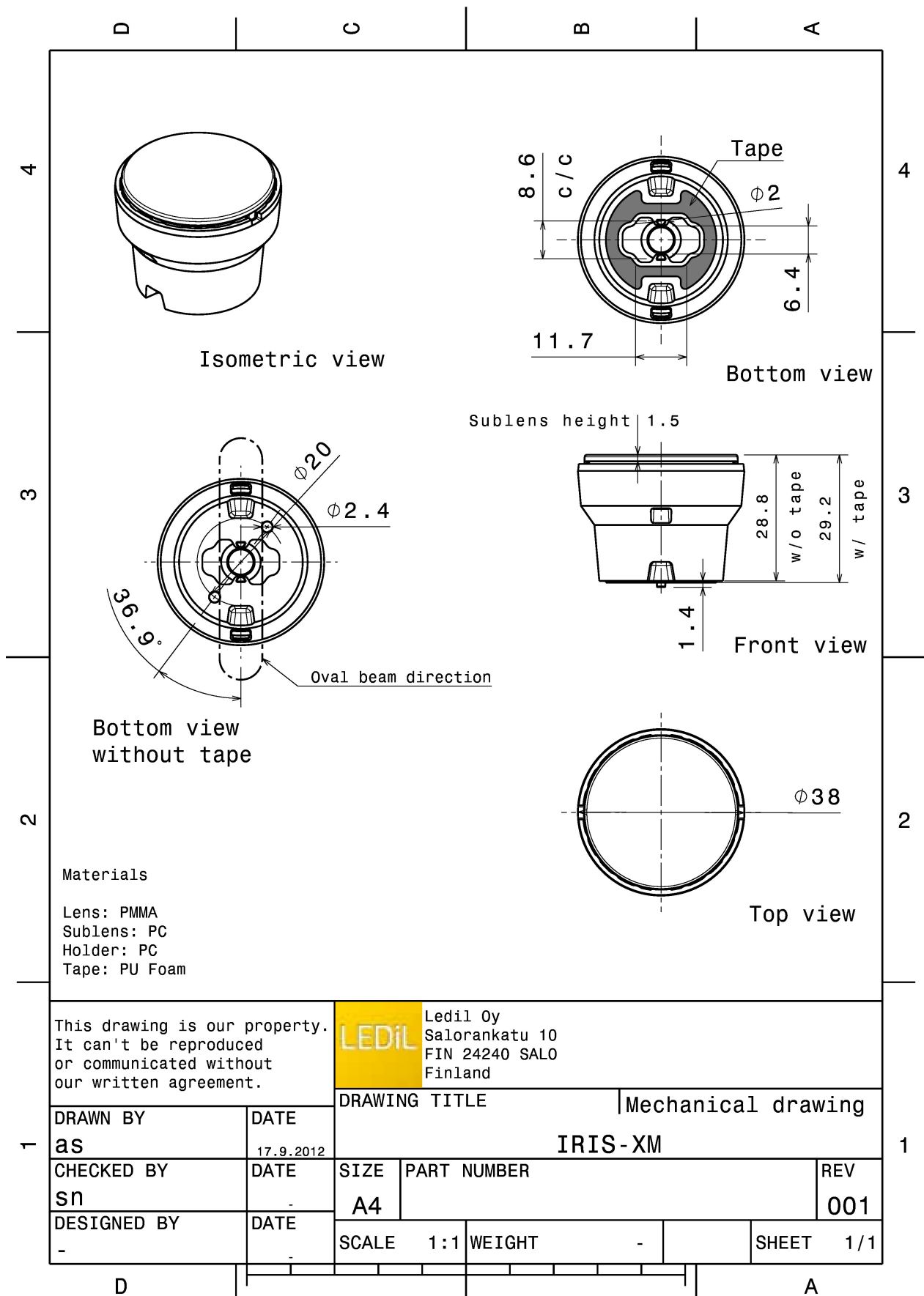
MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|-------------|-------------|----------|--------|--------|
| IRIS | Single lens | PMMA | clear | |
| IRIS-XM-HLD | Holder | PC | black | |
| IRIS-SUB-O | Sublens | PC | clear | |



ORDERING INFORMATION:

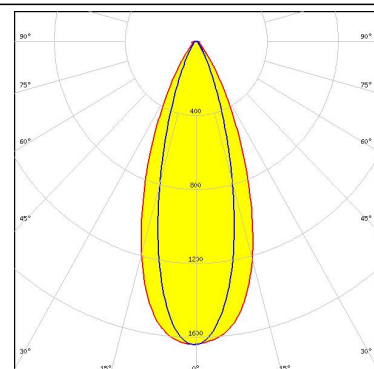
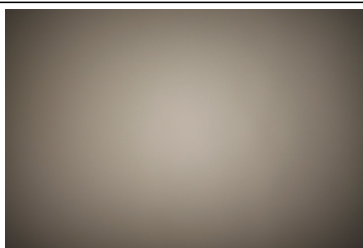
| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|-----------------|-------------|------------|-----|-----|-----------------|
| FCN12775_IRIS-O | Single lens | 360 | 90 | 90 | 0.0 |
| » Box size: | | | | | |



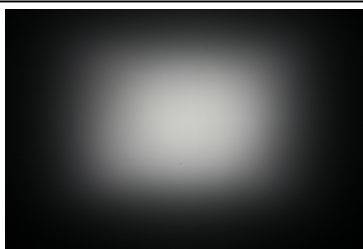
PHOTOMETRIC DATA (MEASURED):



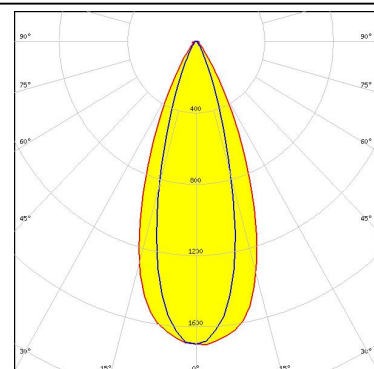
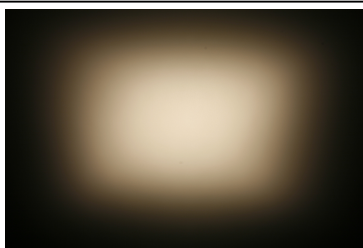
LED XHP50
FWHM 42.0 + 29.0°
Efficiency 80 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



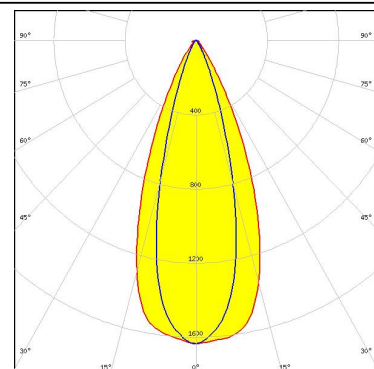
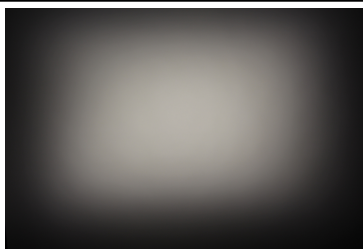
LED XM-L
FWHM 42.0 + 30.0°
Efficiency 81 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XM-L2
FWHM 43.0 + 30.0°
Efficiency 80 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



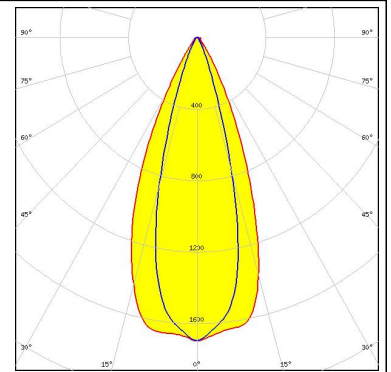
LED LUXEON V
FWHM 44.0 + 29.0°
Efficiency 80 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):



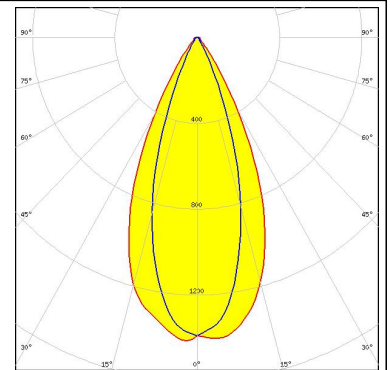
LED NVSW219F
FWHM 44.0 + 29.0°
Efficiency 82 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



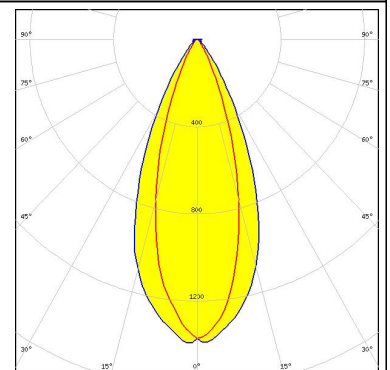
PHOTOMETRIC DATA (SIMULATED):



LED XHP35 HD
FWHM 49.0 + 34.0°
Efficiency 82 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP50.2
FWHM 46.0 + 32.0°
Efficiency 79 %
Peak intensity 1.4 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:

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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