

IRIS-M

~25° medium 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 ⓘ |

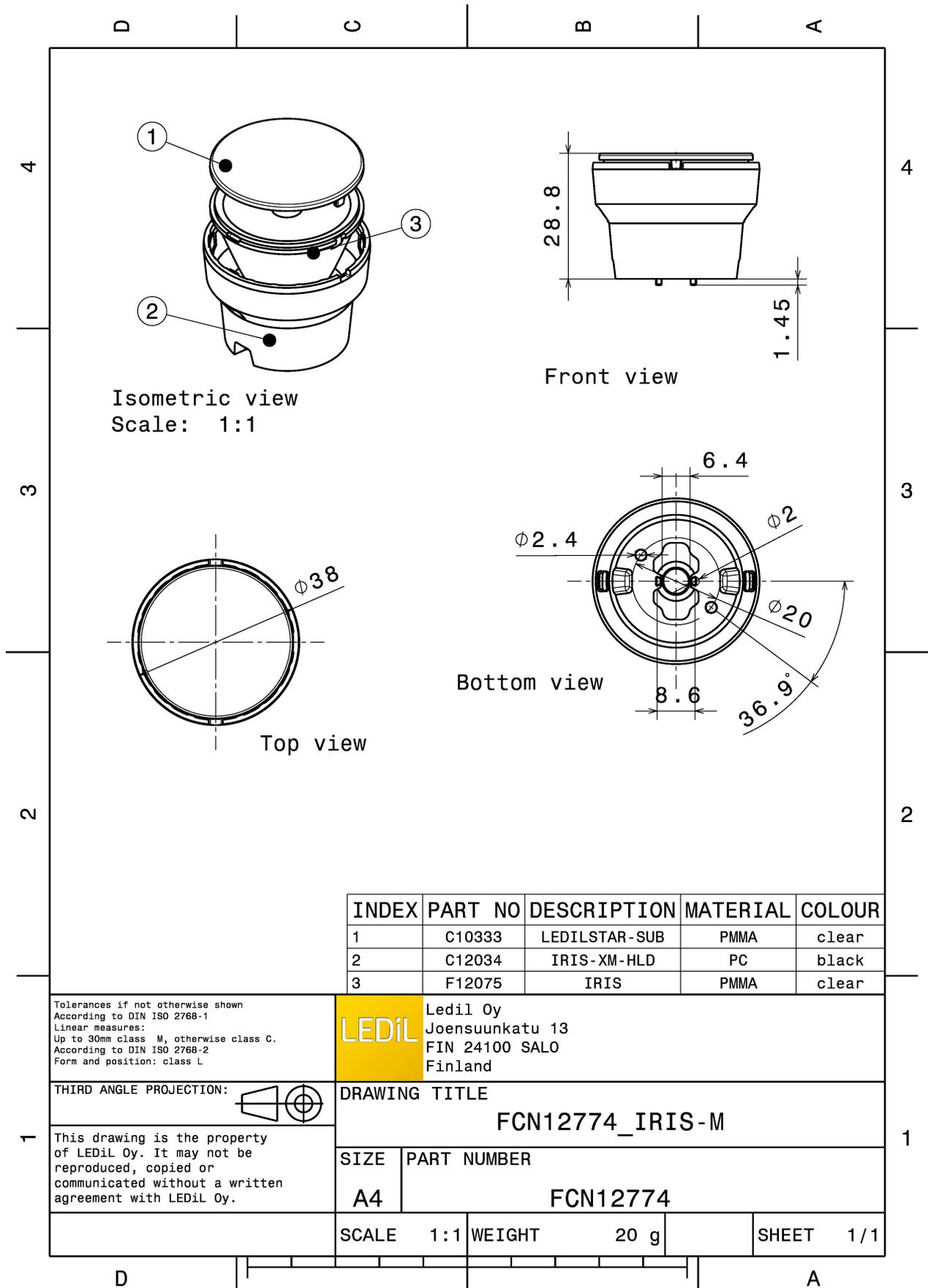
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

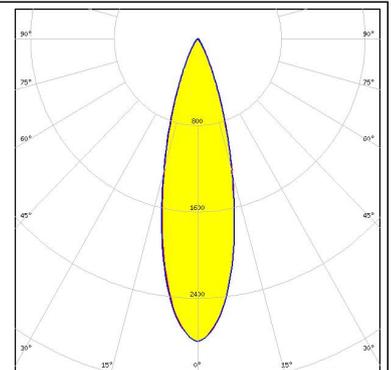
| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|-----------------|-------------|------------|-----|-----|-----------------|
| FCN12774_IRIS-M | Single lens | 360 | 90 | 90 | 0.0 |
| » Box size: | | | | | |



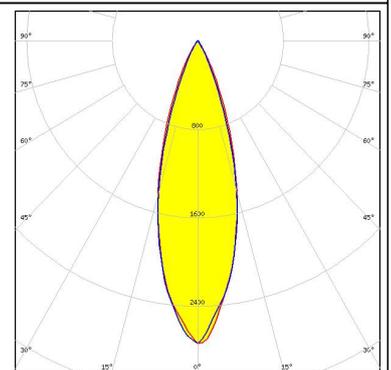
PHOTOMETRIC DATA (MEASURED):



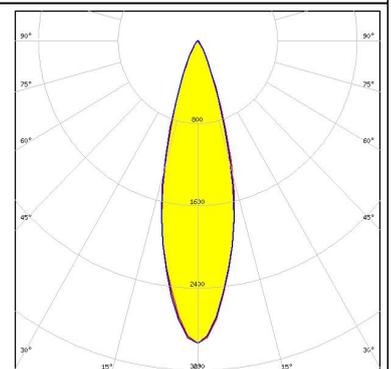
LED XHP50
 FWHM 28.0°
 Efficiency 84 %
 Peak intensity 2.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



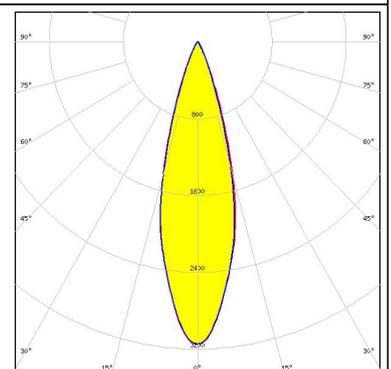
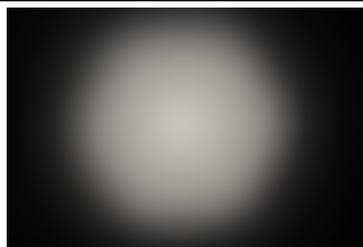
LED XM-L
 FWHM 28.0°
 Efficiency 84 %
 Peak intensity 1.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XM-L2
 FWHM 29.0°
 Efficiency 80 %
 Peak intensity 2.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



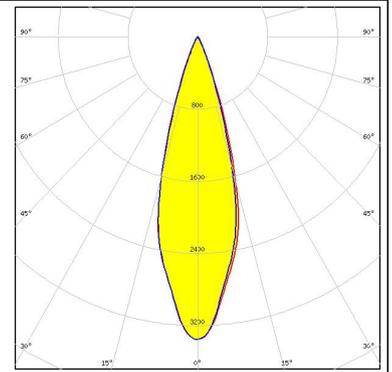
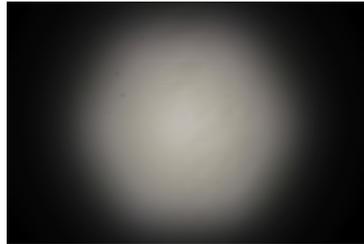
LED LUXEON V
 FWHM 28.0°
 Efficiency 84 %
 Peak intensity 3.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):



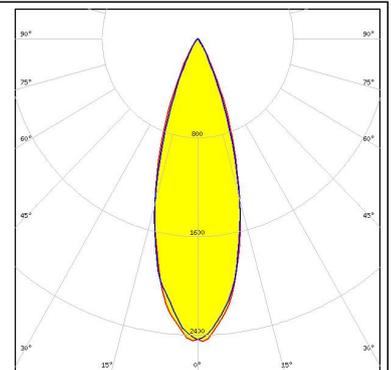
LED NVSW219F
FWHM 29.0°
Efficiency 86 %
Peak intensity 3.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



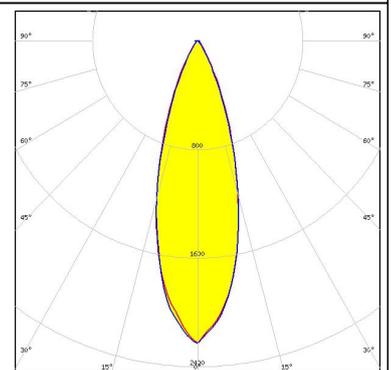
PHOTOMETRIC DATA (SIMULATED):



LED XHP35 HD
FWHM 32.0°
Efficiency 87 %
Peak intensity 2.490 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP50.2
FWHM 32.0°
Efficiency 83 %
Peak intensity 2.230 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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