

IRIS-M

~25° medium beam with sublens and holder optimized for Luminus SST-50

TECHNICAL SPECIFICATIONS:

| | |
|----------------|-----------|
| Dimensions | Ø 38.0 mm |
| Height | 29.6 mm |
| Fastening | glue, pin |
| ROHS compliant | yes ⓘ |

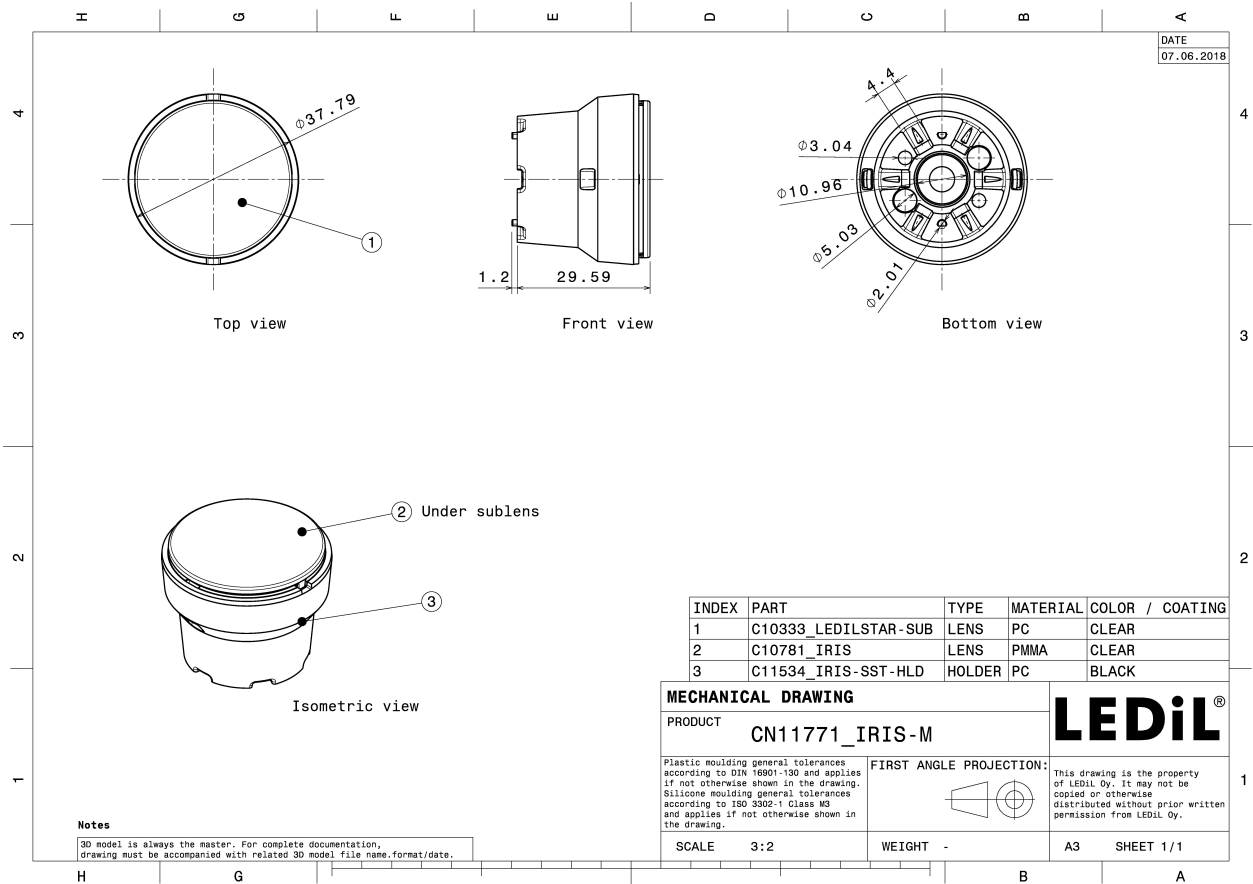
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|----------------|-------------|------------|-----|-----|-----------------|
| CN11771_IRIS-M | Single lens | 348 | 116 | 116 | 0.0 |
| » Box size: | | | | | |

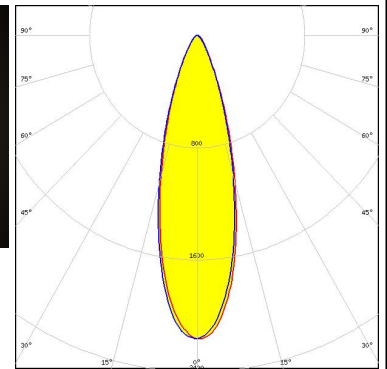
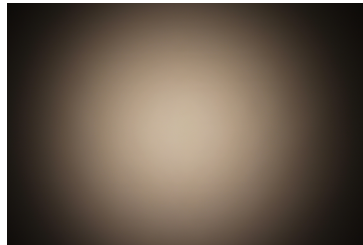


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

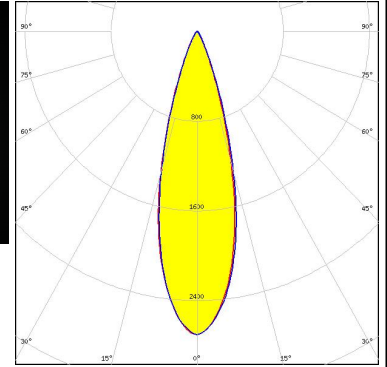
CREE → LED

LED MHD-E/G
 FWHM / FWTM 30.0° / 59.0°
 Efficiency 83 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



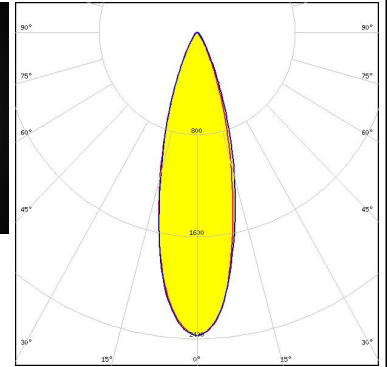
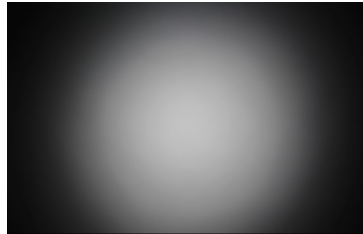
CREE → LED

LED XHP35 HD
 FWHM / FWTM 29.0° / 50.0°
 Efficiency 79 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



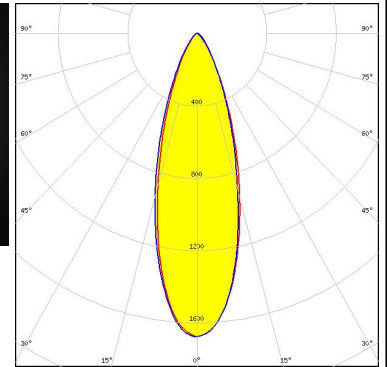
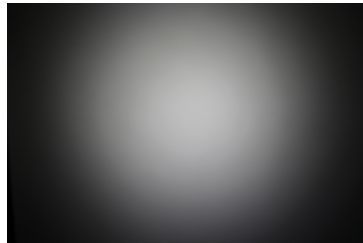
CREE → LED

LED XHP35 HI
 FWHM / FWTM 29.0° / 56.0°
 Efficiency 80 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE → LED

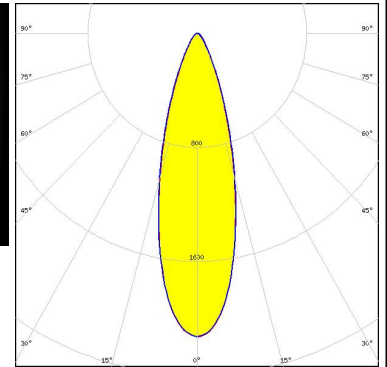
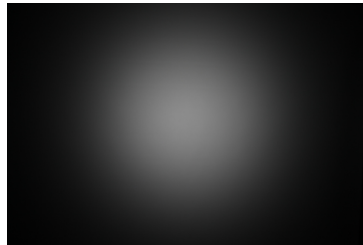
LED XHP50.2
 FWHM / FWTM 32.0° / 65.0°
 Efficiency 73 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



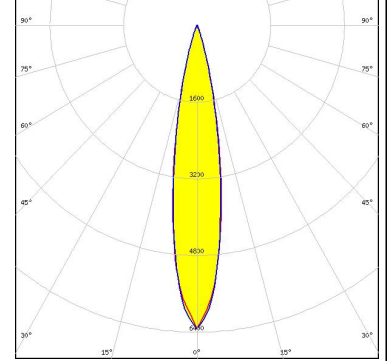
PHOTOMETRIC DATA (MEASURED):



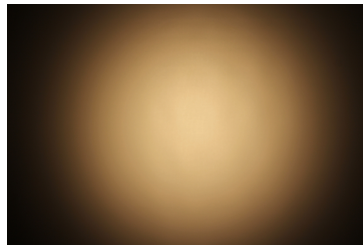
LED XHP70
 FWHM / FWTM 30.0° / 60.0°
 Efficiency 83 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



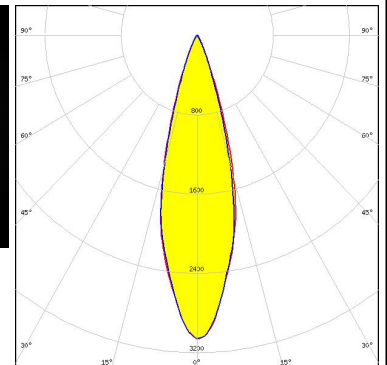
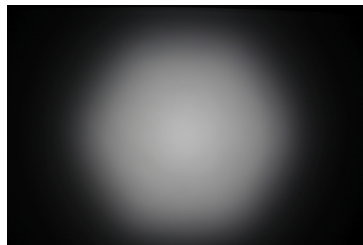
LED SST-90
 FWHM / FWTM 18.0° / 36.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:



LED Duris S10
 FWHM / FWTM 29.0° / 54.0°
 Efficiency 78 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



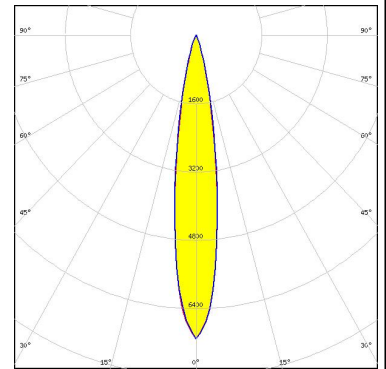
LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 29.0° / 47.0°
 Efficiency 79 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

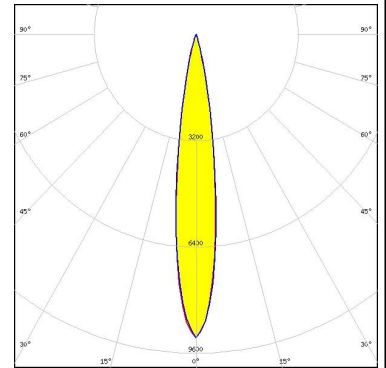
CREE LED

LED XHP35.2
 FWHM / FWTM 16.0° / 33.0°
 Efficiency 82 %
 Peak intensity 7.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



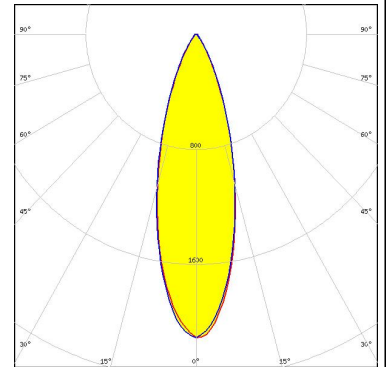
CREE LED

LED XHP50.3 HD
 FWHM / FWTM 16.0° / 29.0°
 Efficiency 83 %
 Peak intensity 9.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XHP70.2
 FWHM / FWTM 30.7° / 60.6°
 Efficiency 80 %
 Peak intensity 2.1 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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