

ELLA-30-M

~28° wide beam. Assembly with black holder.

SPECIFICATION:

| | |
|----------------|--------|
| Dimensions | Ø 32.0 |
| Height | 20 mm |
| Fastening | tape |
| ROHS compliant | yes ⓘ |

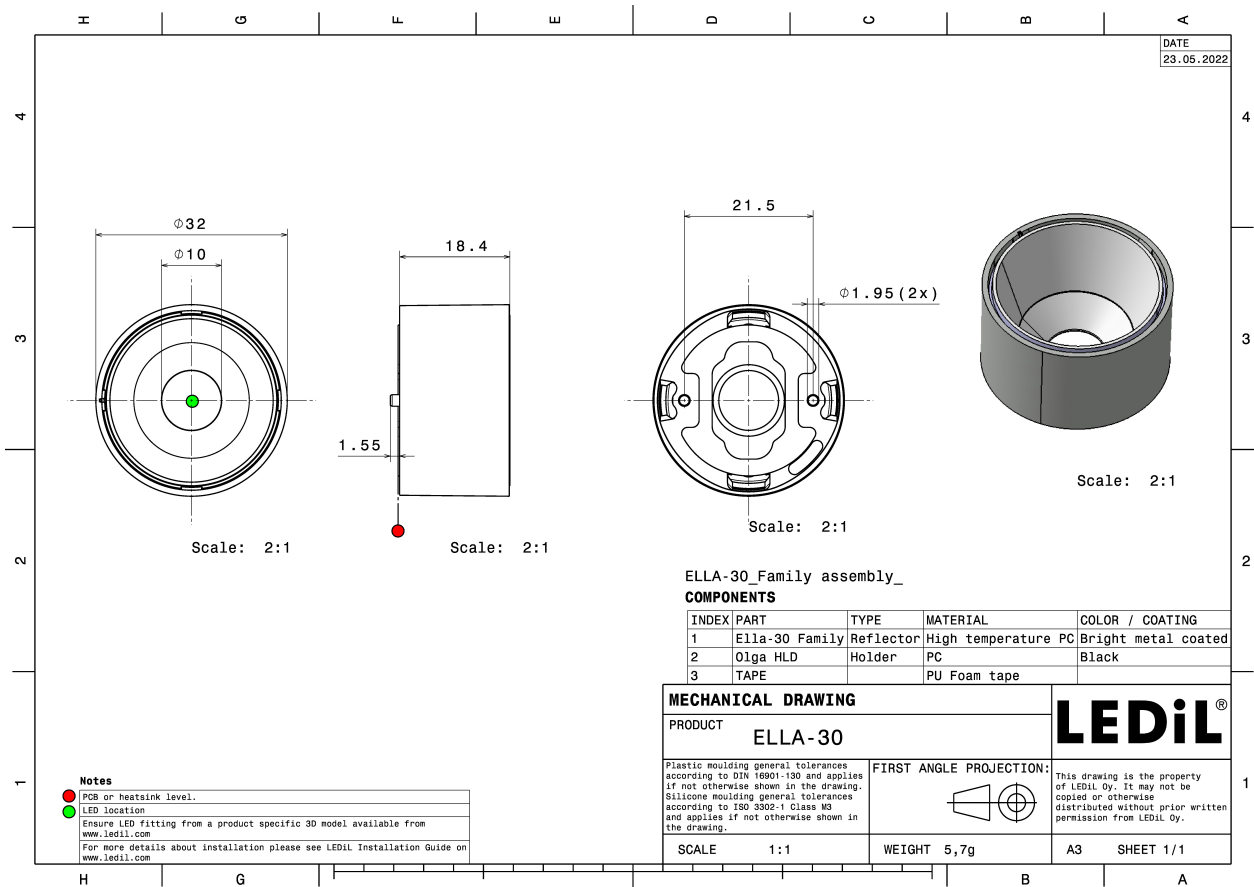
MATERIALS:

| Component | Type | Material | Colour | Finish | Length (mm) |
|---------------|-----------|-------------------|--------|--------|-------------|
| ELLA-30-M | Reflector | HTPC | metal | | |
| OLGA-HLD | Holder | PC | black | | |
| SPUTNIK-TAPE3 | Tape | Acrylic foam tape | black | | |



ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|-----|-----|-----------------|
| CA17281_ELLA-30-M » Box size: 480 x 280 x 300 mm | 792 | 264 | 66 | 5.6 |

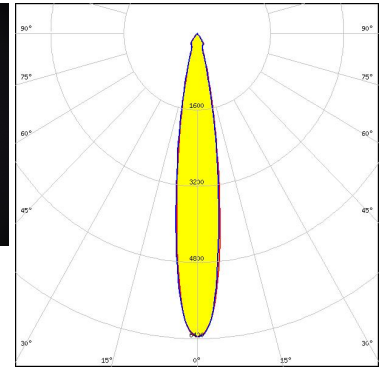


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



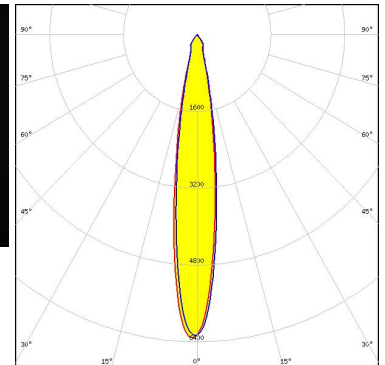
LED XHP35 HD
FWHM / FWTM 17.0° / 33.0°
Efficiency 89 %
Peak intensity 6.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



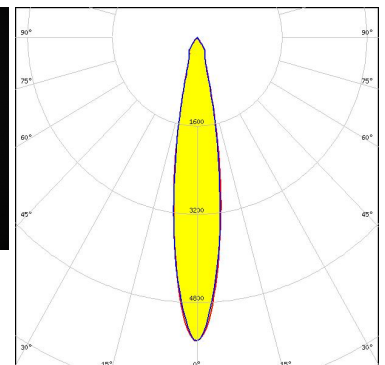
LED XP-L2
FWHM / FWTM 16.0° / 34.0°
Efficiency 87 %
Peak intensity 6.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON 5050 Square LES
FWHM / FWTM 19.0° / 37.0°
Efficiency 91 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

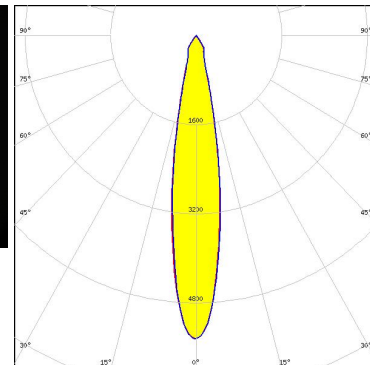


Light distribution files

OPTICAL RESULTS (MEASURED):



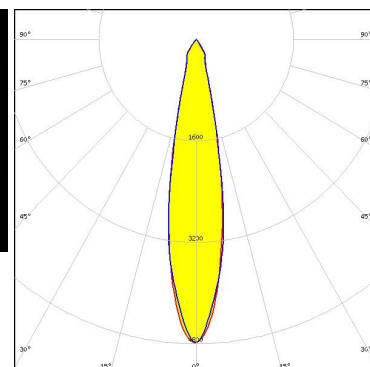
LED NFMW48xA
 FWHM / FWTM 19.0° / 37.0°
 Efficiency 91 %
 Peak intensity 5.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



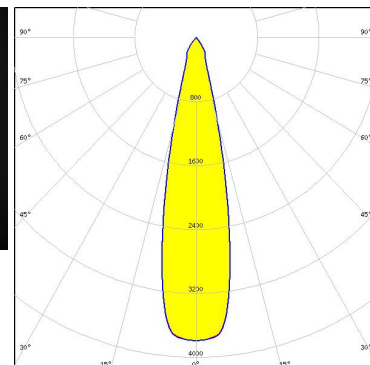
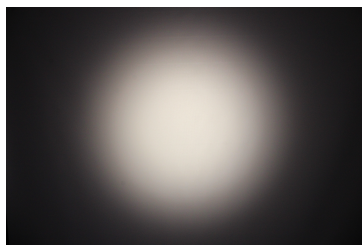
LED Duris S8
 FWHM / FWTM 21.0° / 40.0°
 Efficiency 91 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED WICOP 5050
 FWHM / FWTM 24.0° / 43.0°
 Efficiency 86 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

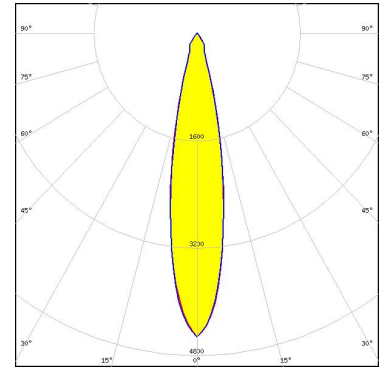


Light distribution files

OPTICAL RESULTS (SIMULATED):



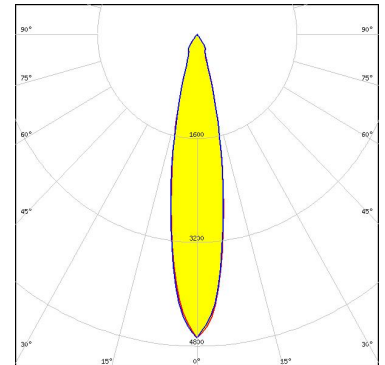
LED XHP35.2 HD
FWHM / FWTM 21.0° / 39.0°
Efficiency 85 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



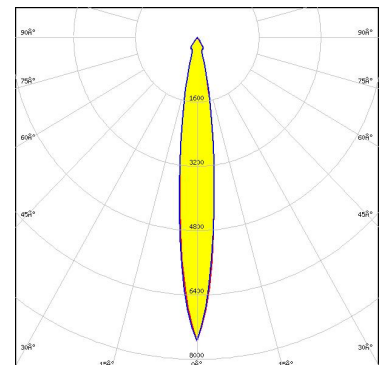
LED XHP50.3 HD
FWHM / FWTM 20.0° / 40.0°
Efficiency 91 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-G4
FWHM / FWTM 14.0° / 31.0°
Efficiency 91 %
Peak intensity 7.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

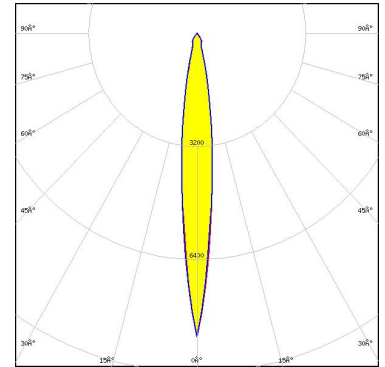


Light distribution files

OPTICAL RESULTS (SIMULATED):



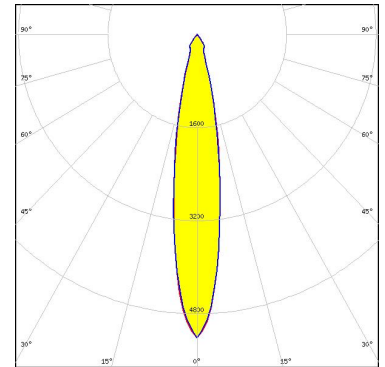
LED XP-G4 HI
 FWHM / FWTM 12.0° / 30.0°
 Efficiency 87 %
 Peak intensity 8.6 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



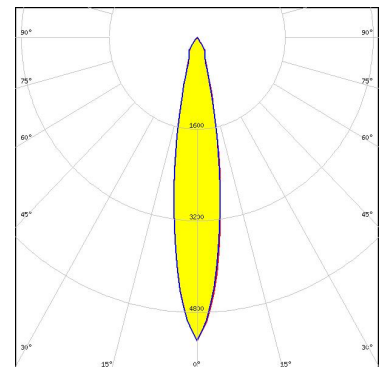
LED XP-L2
 FWHM / FWTM 18.0° / 37.0°
 Efficiency 88 %
 Peak intensity 5.2 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON 5050 Round LES
 FWHM / FWTM 18.0° / 38.0°
 Efficiency 89 %
 Peak intensity 5.3 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:

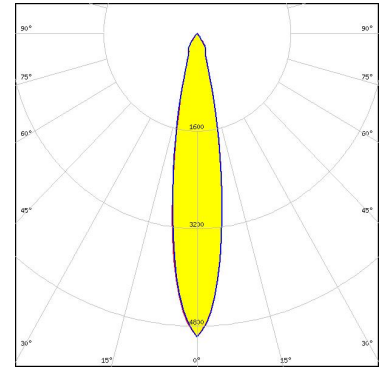


Light distribution files

OPTICAL RESULTS (SIMULATED):



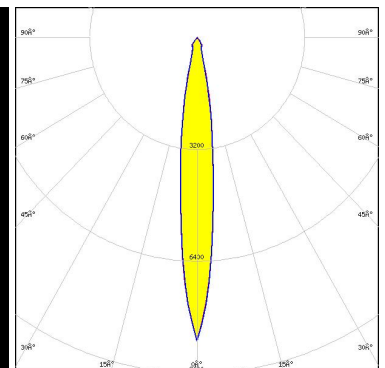
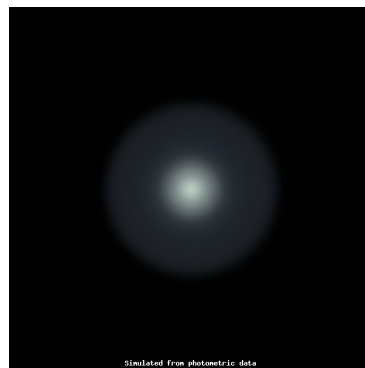
| | |
|----------------------|------------------------|
| LED | LUXEON 5050 Square LES |
| FWHM / FWTM | 19.0° / 39.0° |
| Efficiency | 91 % |
| Peak intensity | 5 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |



Light distribution files



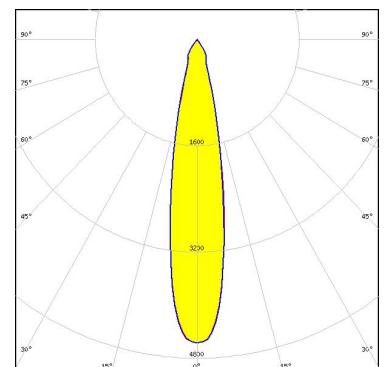
| | |
|----------------------|---------------|
| LED | SST-25-W |
| FWHM / FWTM | 13.0° / 30.0° |
| Efficiency | 93 % |
| Peak intensity | 8.7 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |



Light distribution files



| | |
|----------------------|---------------|
| LED | NFMW48xA |
| FWHM / FWTM | 21.0° / 41.0° |
| Efficiency | 90 % |
| Peak intensity | 4.6 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

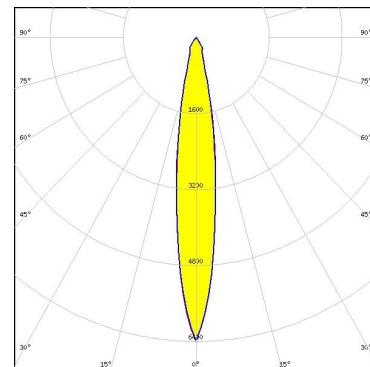


Light distribution files

OPTICAL RESULTS (SIMULATED):



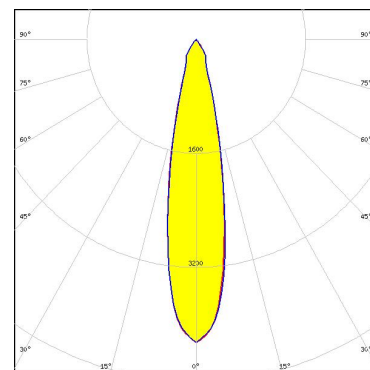
LED NV4WB35AM
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 89 %
 Peak intensity 6.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Duris S8
 FWHM / FWTM 22.0° / 43.0°
 Efficiency 90 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

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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