

HB-2X2MX-M

~30° medium beam

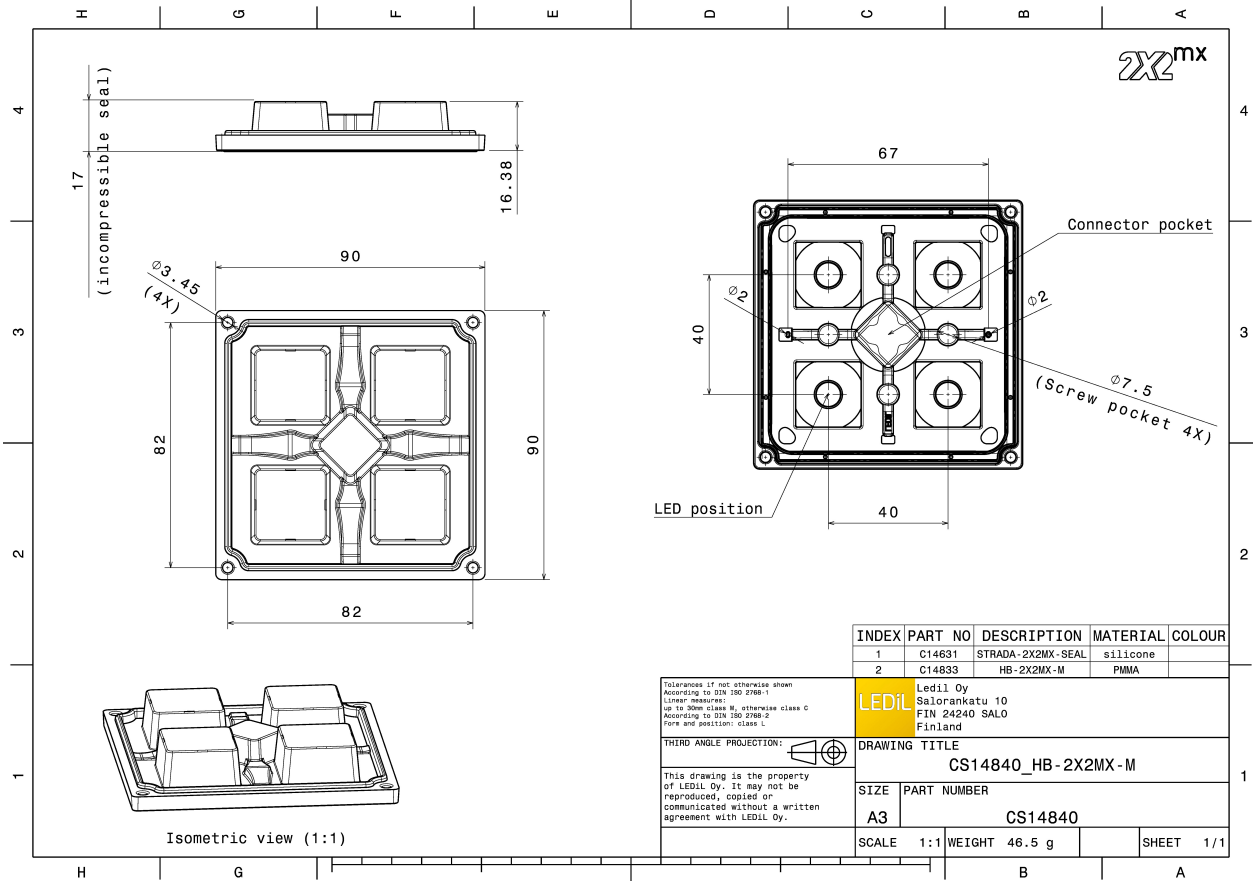
TECHNICAL SPECIFICATIONS:

| | |
|-----------------|--------------------|
| Dimensions | 90x90 mm |
| Height | 16.4 mm |
| Fastening | |
| Colour | clear |
| Box size | 476 x 273 x 292 mm |
| Box weight | 7.9 kg |
| Quantity in Box | 156 pcs |
| ROHS compliant | yes ⓘ |



MATERIAL SPECIFICATIONS:

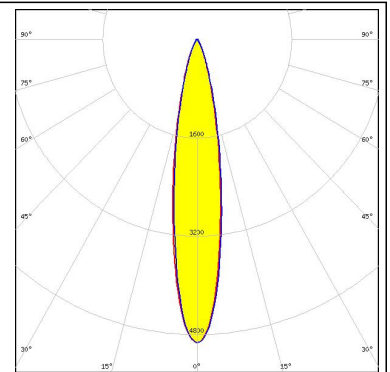
| Component | Type | Material | Colour |
|-------------------|------------|----------|--------|
| HB-2X2MX-M | Lens array | PMMA | clear |
| STRADA-2X2MX-SEAL | Seal | Silicone | clear |



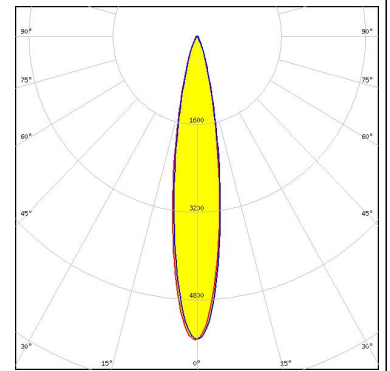
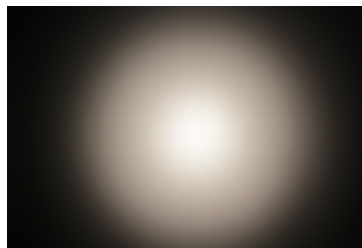
PHOTOMETRIC DATA (MEASURED):



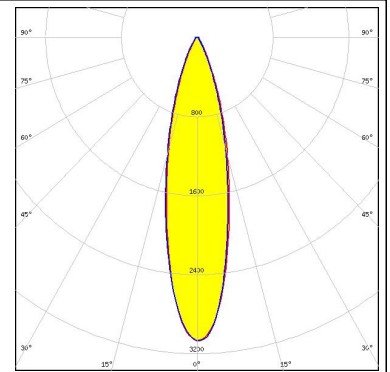
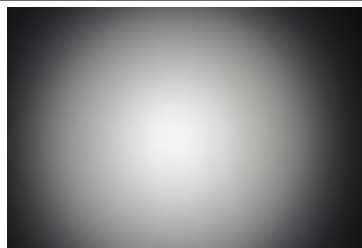
LED XHP35 HD
 FWHM 19.0°
 Efficiency 94 %
 Peak intensity 4.940 cd/lm
 Required components:



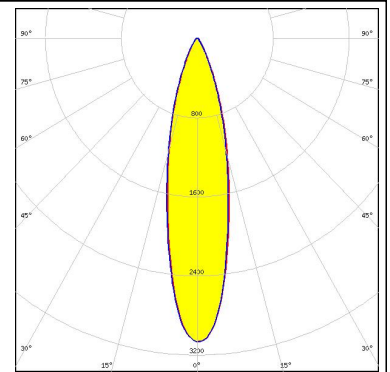
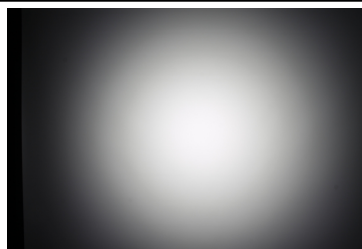
LED XHP35 HI
 FWHM 18.0°
 Efficiency 94 %
 Peak intensity 5.500 cd/lm
 Required components:



LED XHP50
 FWHM 25.0°
 Efficiency 94 %
 Peak intensity 3.100 cd/lm
 Required components:



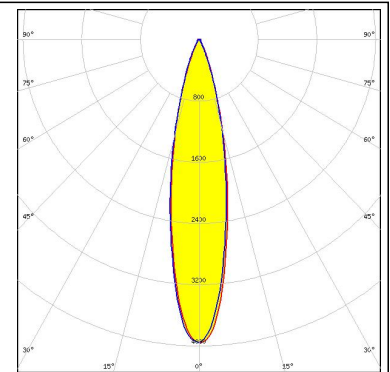
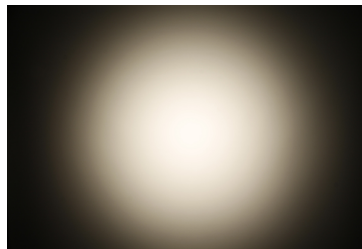
LED LUXEON M/MX
 FWHM 24.0°
 Efficiency 93 %
 Peak intensity 3.100 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

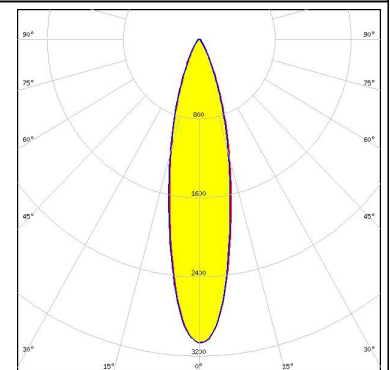
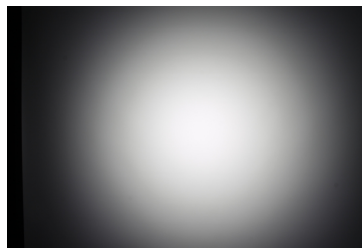
LUMILEDS

LED LUXEON MZ
FWHM 22.0°
Efficiency 91 %
Peak intensity 4.000 cd/lm
Required components:



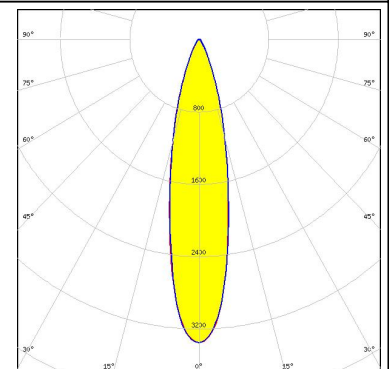
LUMILEDS

LED LUXEON XR-M square 2x2
FWHM 24.0°
Efficiency 93 %
Peak intensity 3.100 cd/lm
Required components:



NICHIA

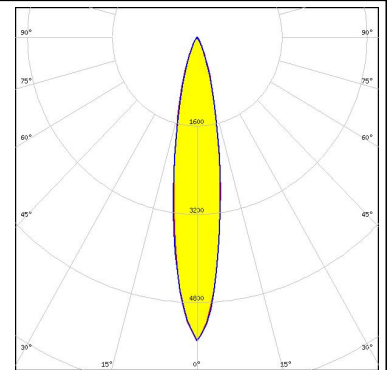
LED NV4x144A
FWHM 23.0°
Efficiency 93 %
Peak intensity 3.300 cd/lm
Required components:



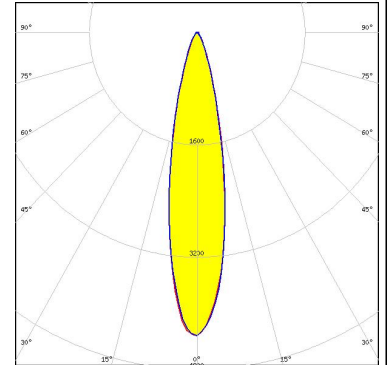
PHOTOMETRIC DATA (SIMULATED):



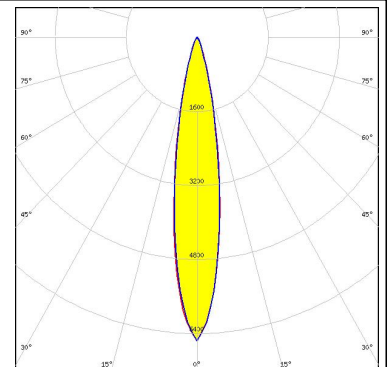
LED SMD 5050
 FWHM 19.0°
 Efficiency 94 %
 Peak intensity 5.490 cd/lm
 Required components:



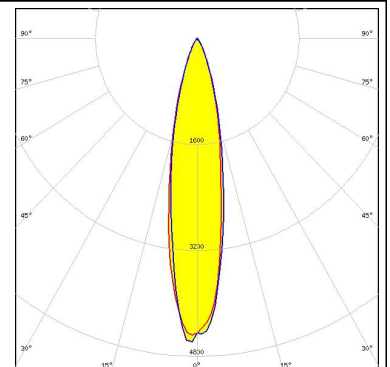
LED XHP50.2
 FWHM 22.0°
 Efficiency 94 %
 Peak intensity 4.330 cd/lm
 Required components:



LED XP-L
 FWHM 18.0°
 Efficiency 94 %
 Peak intensity 6.560 cd/lm
 Required components:



LED NFMW48xA
 FWHM 21.0°
 Efficiency 94 %
 Peak intensity 4.620 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:

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