

HB-2X2MXS-WW

~55° wide beam

TECHNICAL SPECIFICATIONS:

| | |
|-----------------|--------------------|
| Dimensions | 90.0 mm |
| Height | 16.5 mm |
| Fastening | screw |
| Colour | black |
| Box size | 398 x 298 x 265 mm |
| Box weight | 8.6 kg |
| Quantity in Box | 168 pcs |
| ROHS compliant | yes ⓘ |



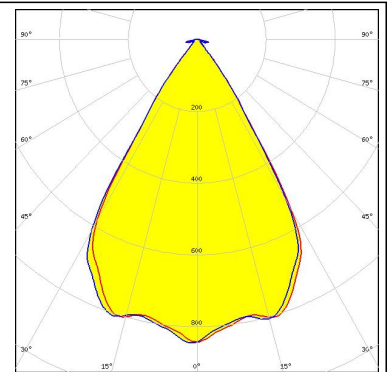
MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour |
|---------------------|------------|----------|--------|
| HB-2X2MXS-WW | Multi-lens | Silicone | |
| STRADA-2X2MXS-FRAME | Holder | PA66 | black |

PHOTOMETRIC DATA (MEASURED):

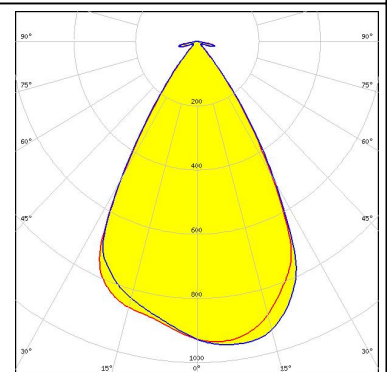
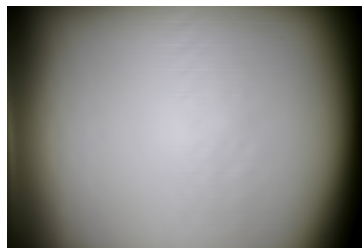
CREE

LED XHP70
 FWHM 64.0°
 Efficiency 91 %
 Peak intensity 0.850 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



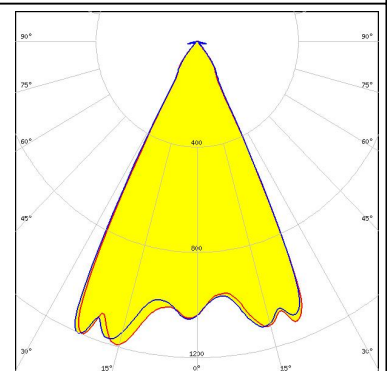
CREE

LED XHP70.2
 FWHM 61.0°
 Efficiency 91 %
 Peak intensity 0.960 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



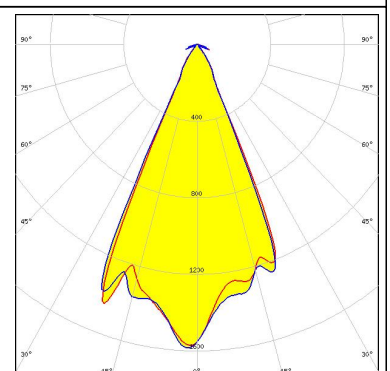
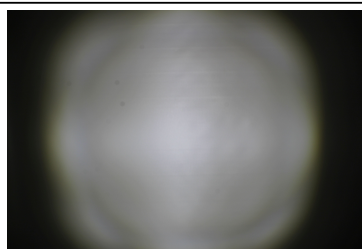
LUMILEDS

LED LUXEON M/MX
 FWHM 54.0°
 Efficiency 94 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


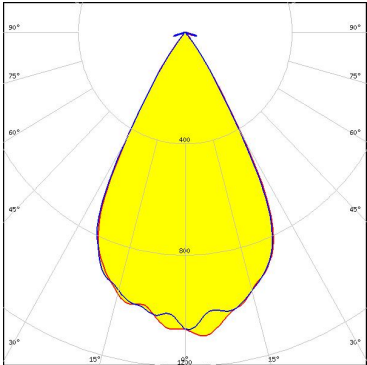
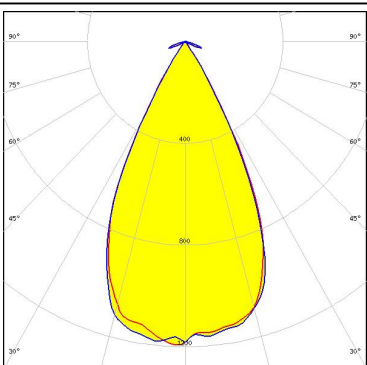

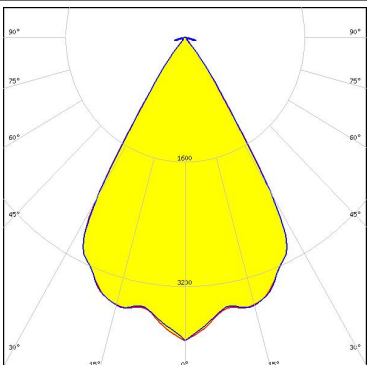

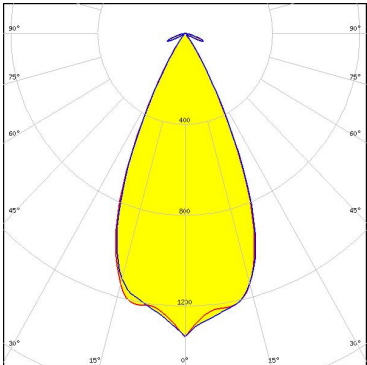


SAMSUNG

LED HiLOM SC16 (LH181B)
 FWHM 48.0°
 Efficiency 93 %
 Peak intensity 1.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



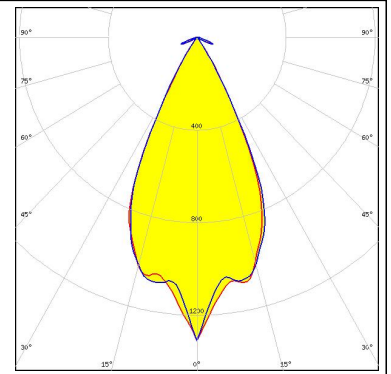
PHOTOMETRIC DATA (SIMULATED):

| | |
|--|---|
| <p> bridgelux</p> <p>LED Bridgelux SMD 5050 FWHM 57.0° Efficiency 92 % Peak intensity 1.110 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>CITIZEN</p> <p>LED CLU700/701 FWHM 52.0° Efficiency 89 % Peak intensity 1.240 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 434 Typ 2x2MX HV</p> |  |
| <p> LUMILEDS</p> <p>LED LUXEON M/MX FWHM 62.0° Efficiency 367 % Peak intensity 3.902 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p> NICHIA</p> <p>LED NFMW48xA FWHM 48.0° Efficiency 92 % Peak intensity 1.340 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |

PHOTOMETRIC DATA (SIMULATED):



LED NV4x144A
FWHM 50.0°
Efficiency 88 %
Peak intensity 1.311 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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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