

HB-5X1-W

~55° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	123.0 x 25.0 mm
Height	9 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type
HB-5X1-W	Multi-lens

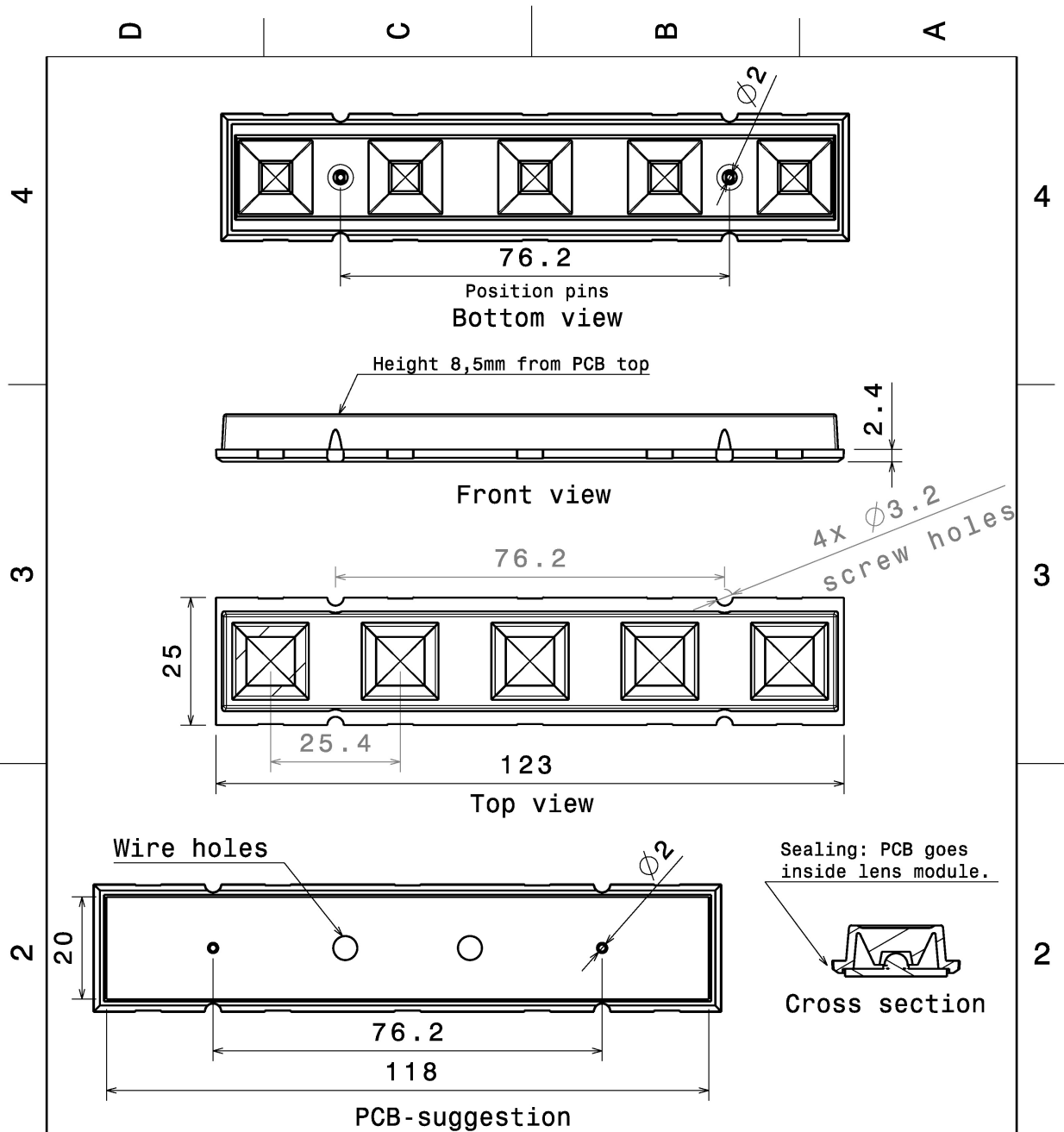



Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

Component
C12345_HB-5X1-W
» Box size: 480 x 280 x 300 mm



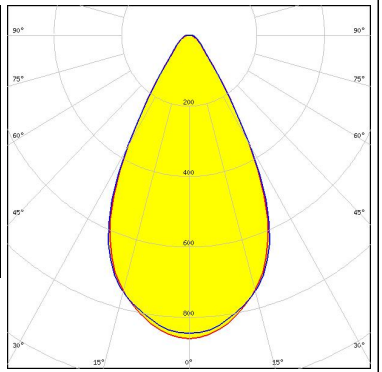

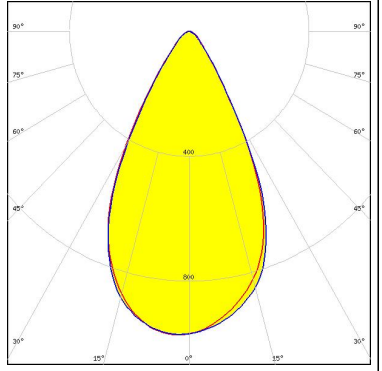

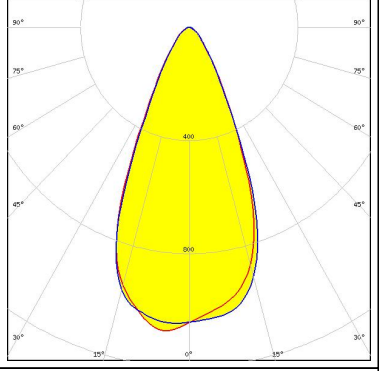

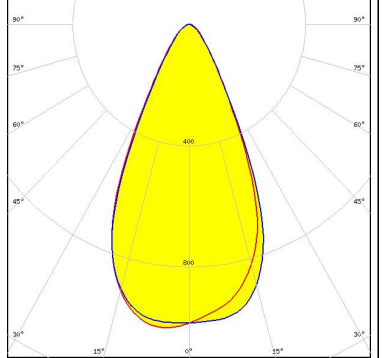
Qty in box	MOQ	MPQ	Box weight (kg)
504	105	21	8.6



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DRAWN BY mav		DATE 14.03.2012		DRAWING TITLE Datasheet HB-5x1 Lens	
CHECKED BY		DATE		SIZE A4	
DESIGNED BY mav		DATE 22.09.2011		DRAWING NUMBER C12345	
		SCALE 1:1		WEIGHT (g)	
		SHEET 1/1		REV 2	

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

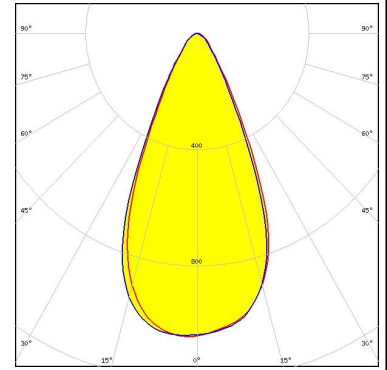
PHOTOMETRIC DATA (MEASURED):

<p>CREE  LED</p> <p>LED XM-L FWHM / FWTM 56.0° / 85.0° Efficiency 89 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE  LED</p> <p>LED XM-L2 FWHM / FWTM 55.0° / 82.0° Efficiency 89 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE  LED</p> <p>LED XP-E FWHM / FWTM 47.0° / 78.0° Efficiency 90 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE  LED</p> <p>LED XP-G FWHM / FWTM 50.0° / 81.0° Efficiency 89 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

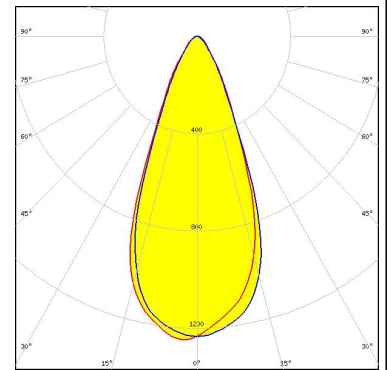
CREE LED

LED XT-E
 FWHM / FWTM 50.0° / 81.0°
 Efficiency 87 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



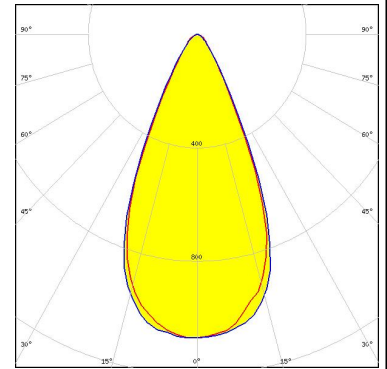
LUMILEDS

LED LUXEON Rebel
 FWHM / FWTM 43.0° / 75.0°
 Efficiency 89 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

LED NVSxx19A
 FWHM / FWTM 49.0° / 77.0°
 Efficiency 85 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED LUXEON A
FWHM / FWTM 45.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON Rebel ES
FWHM / FWTM 45.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

NICHIA

LED NCSxx19A
FWHM / FWTM 50.0°
Efficiency %
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:

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