

## AMBER-8-HB-W

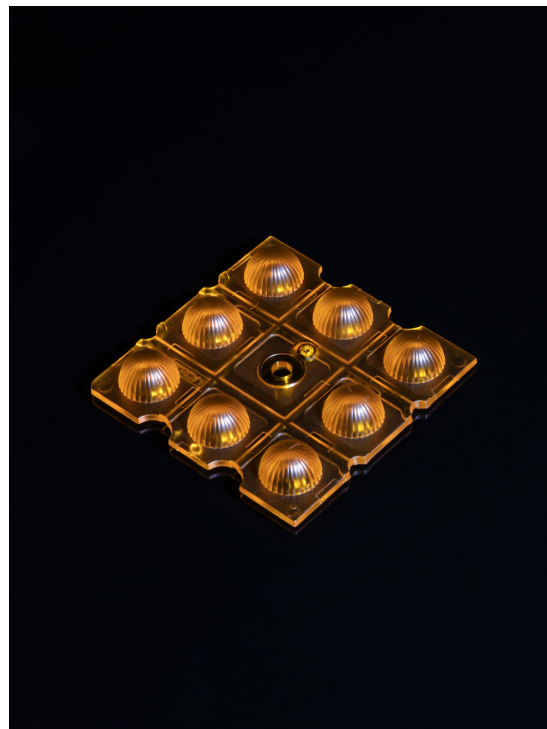
~90° wide beam for industrial applications

## SPECIFICATION:

Dimensions	49.5 x 49.5
Height	7.1 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

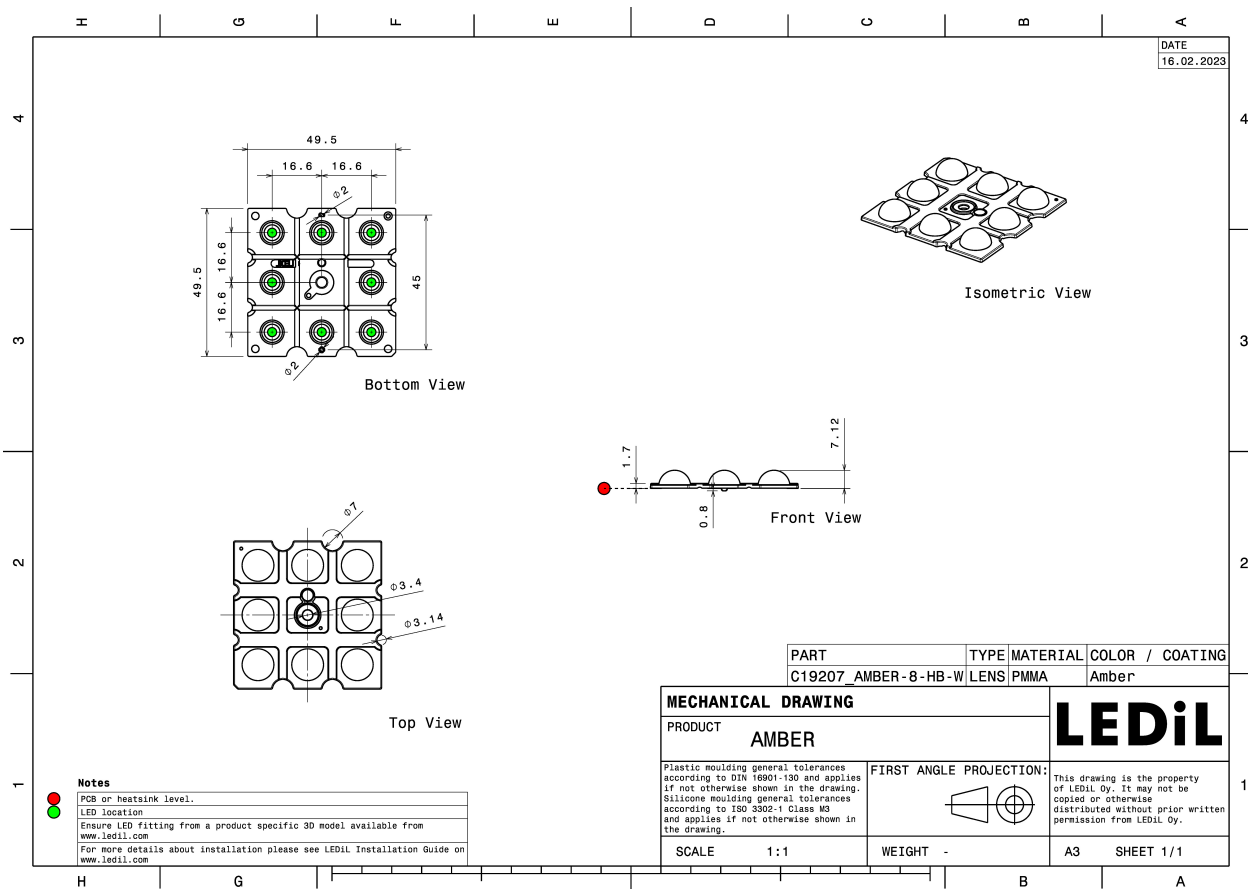
## MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
AMBER-8-HB-W	Multi-lens	PMMA	amber		



## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C19207_AMBER-8-HB-W » Box size: 480 x 280 x 300 mm	800	160	160	6.1

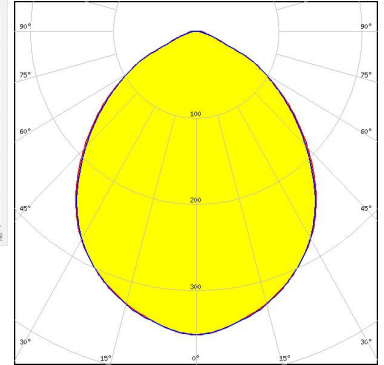
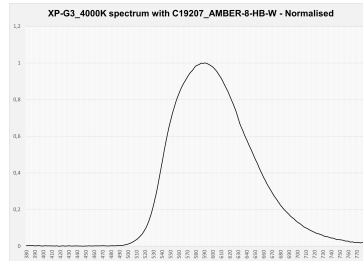


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



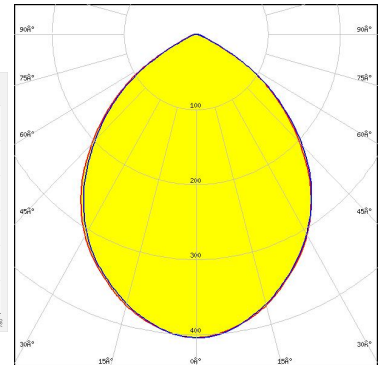
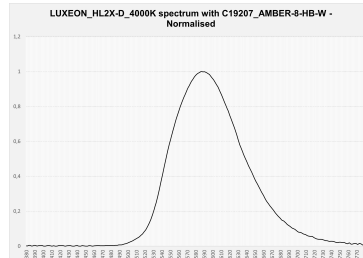
LED	XP-G3
FWHM / FWTM	94.0° / 137.0°
Efficiency	79 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	0.4 %
CCT (LED/with lens)*	3726K/2382K
Required components:	



\*the measured CCT with lens doesn't follow the Black Body Locus line



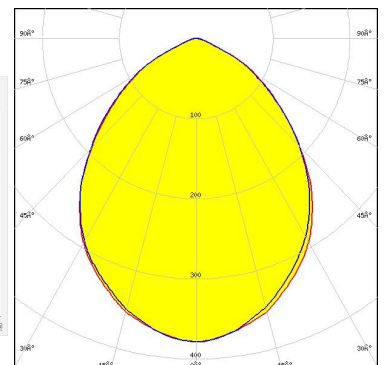
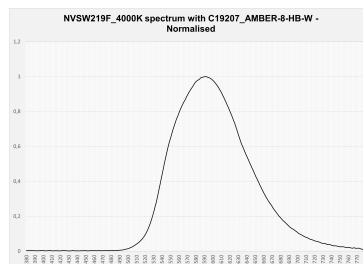
LED	LUXEON HL2X-D
FWHM / FWTM	90.0° / 127.0°
Efficiency	79 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	0.4 %
CCT (LED/with lens)*	3828K/2378K
Required components:	



Light distribution files



LED	NVSW219F
FWHM / FWTM	91.0° / 134.0°
Efficiency	79 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	0.4 %
CCT (LED/with lens)*	3749K/2367K
Required components:	

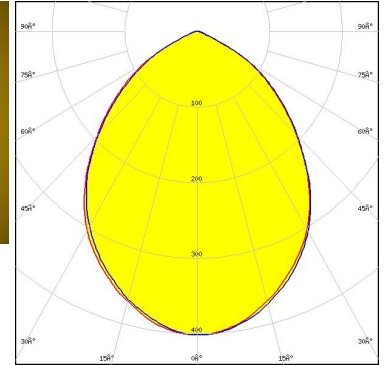


Light distribution files

#### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

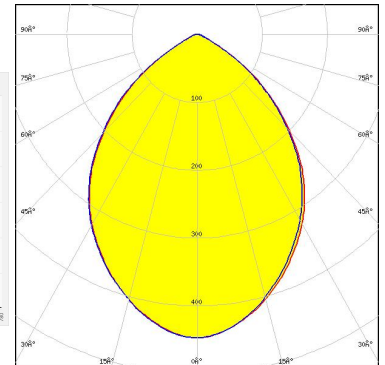
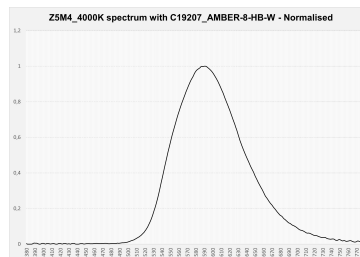
LED LH351C  
FWHM / FWTM 88.0° / 130.0°  
Efficiency 78 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED Z5M4  
FWHM / FWTM 85.0° / 123.0°  
Efficiency 81 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Amount of Blue light (380-500 nm) 0.4 %  
CCT (LED/with lens)\* 3557K/2318K  
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:

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