

## AMBER-8-HB-M

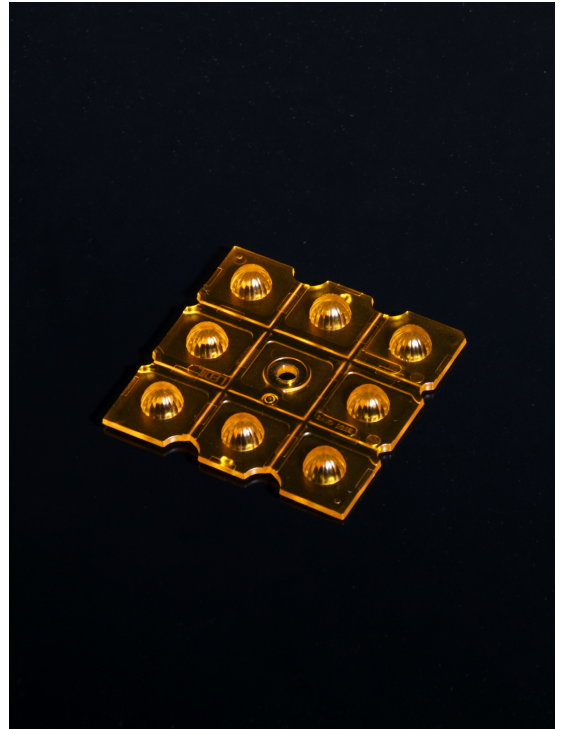
~60° medium beam for industrial applications

## SPECIFICATION:

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

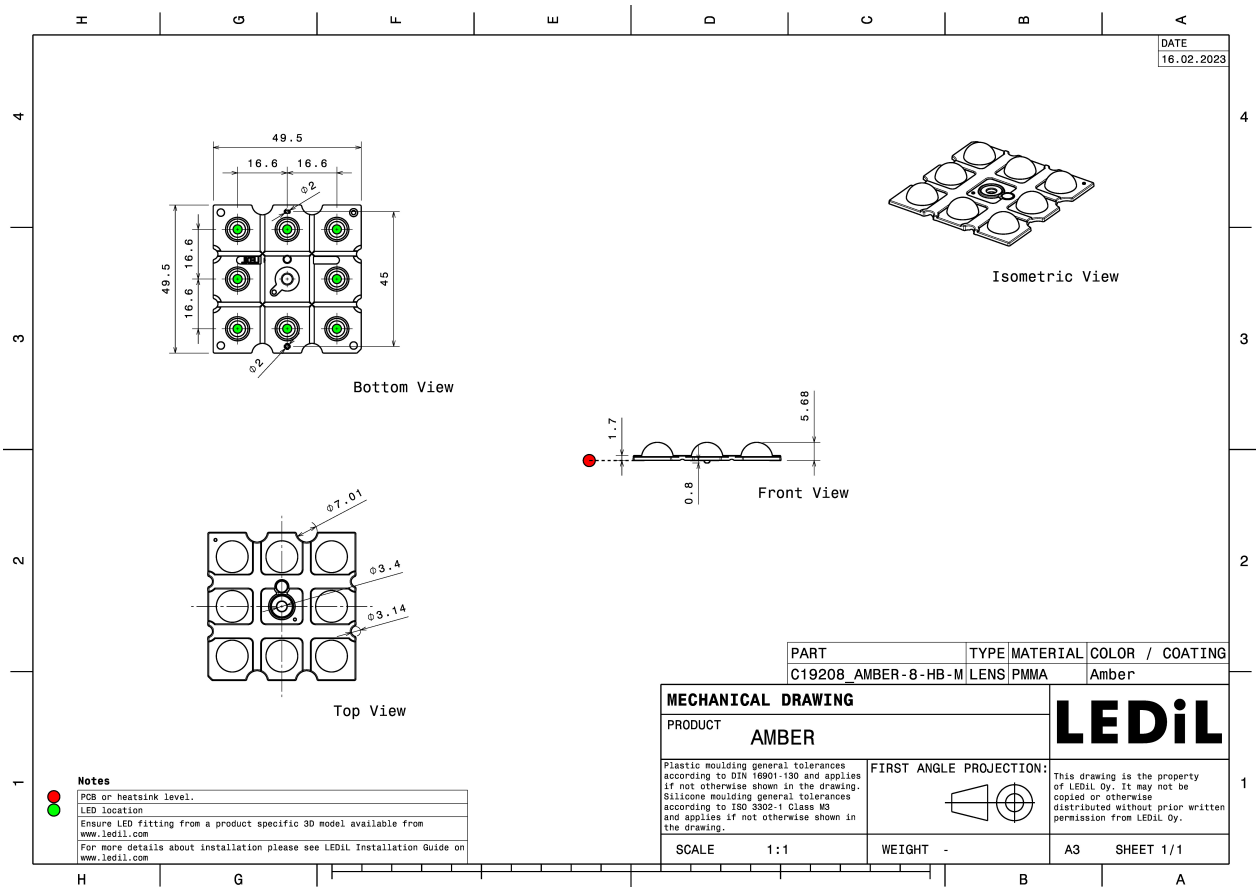
## MATERIALS:

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



## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C19208_AMBER-8-HB-M » Box size: 480 x 280 x 300 mm	800	160	160	4.4

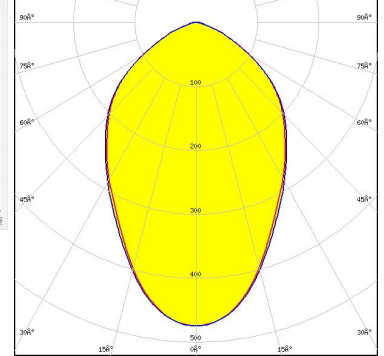
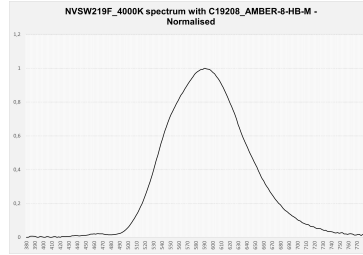


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



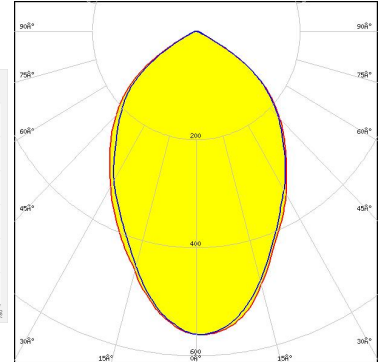
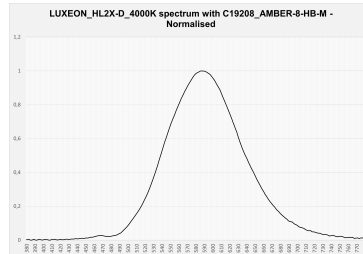
LED	XP-G3
FWHM / FWTM	76.0° / 137.0°
Efficiency	86 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	1.2 %
CCT (LED/with lens)*	3726K/2673K
Required components:	



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



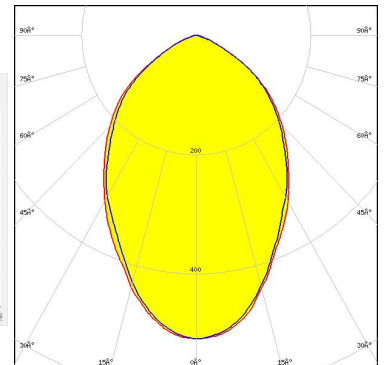
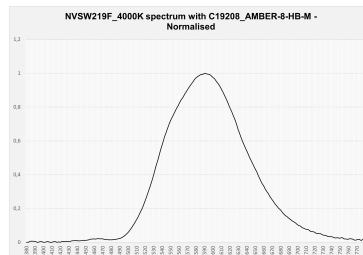
LED	LUXEON HL2X-D
FWHM / FWTM	73.0° / 122.0°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	1.7 %
CCT (LED/with lens)*	3828K/2695K
Required components:	



Light distribution files



LED	NVSW219F
FWHM / FWTM	76.0° / 131.0°
Efficiency	86 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	1.2 %
CCT (LED/with lens)*	3749K/2657K
Required components:	

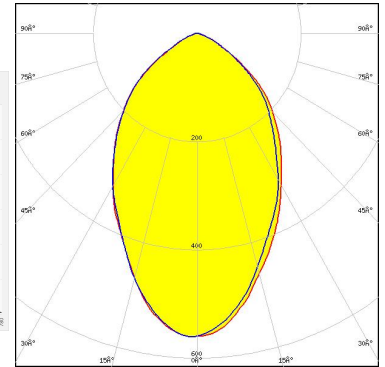
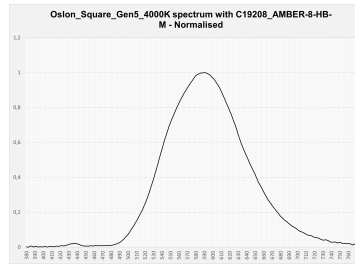


Light distribution files

#### OPTICAL RESULTS (MEASURED):



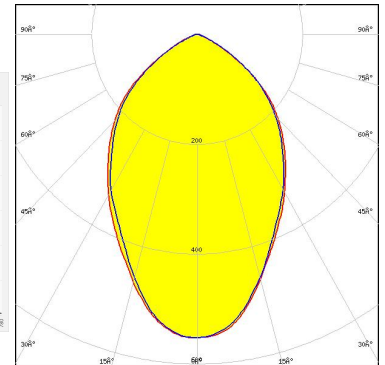
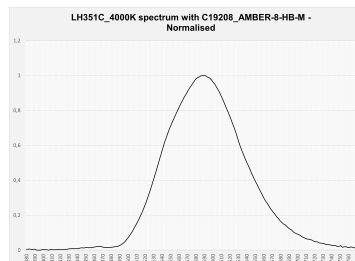
LED OSLON Square CSSRM2/CSSRM3  
 FWHM / FWTM 70.0° / 124.0°  
 Efficiency 86 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Amount of Blue light (380-500 nm) 1.3 %  
 CCT (LED/with lens)\* 3848K/2683K  
 Required components:



Light distribution files



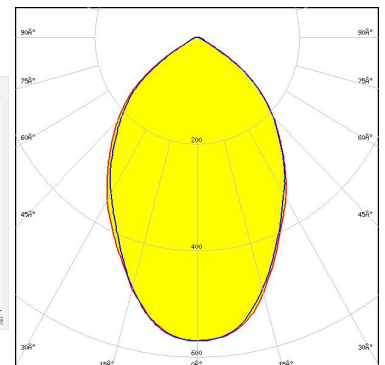
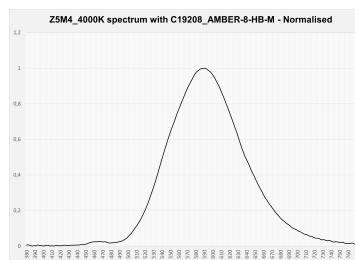
LED LH351C  
 FWHM / FWTM 73.0° / 126.0°  
 Efficiency 87 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Amount of Blue light (380-500 nm) 1.4 %  
 CCT (LED/with lens)\* 3752K/2710K  
 Required components:



Light distribution files



LED Z5M4  
 FWHM / FWTM 73.0° / 119.0°  
 Efficiency 87 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Amount of Blue light (380-500 nm) 1.4 %  
 CCT (LED/with lens)\* 3557K/2589K  
 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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