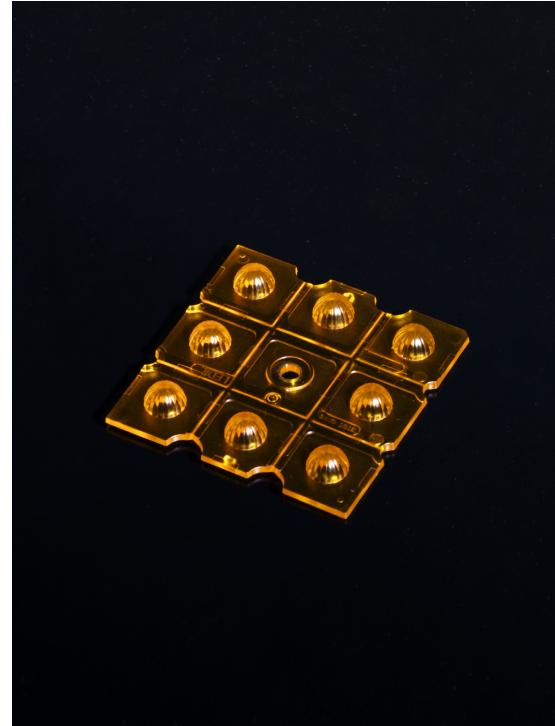


AMBER-8-HB-M

~60° medium beam for industrial applications

SPECIFICATION:

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

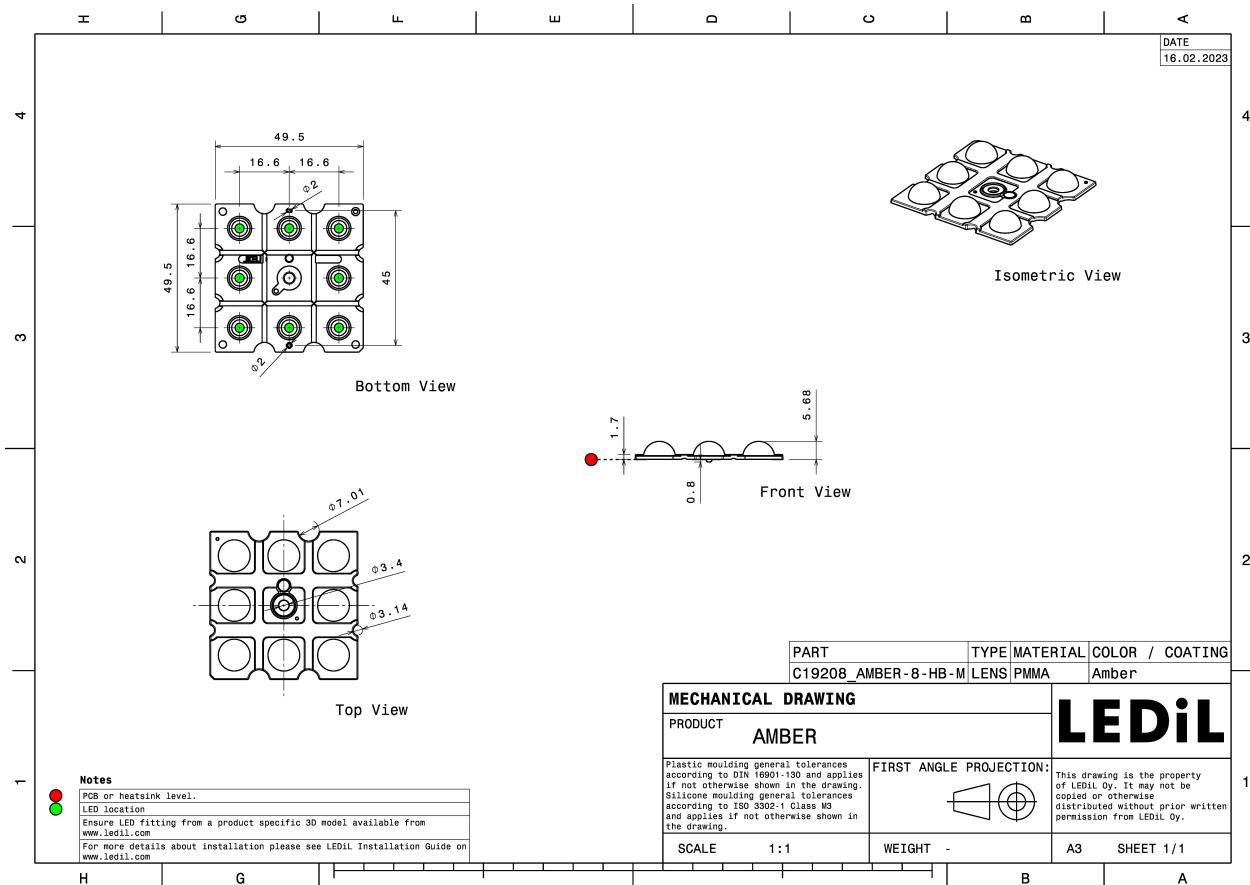


MATERIALS:

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	800	160	160	4.4
» Box size: 480 x 280 x 300 mm				

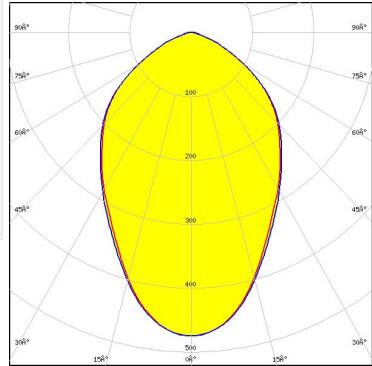
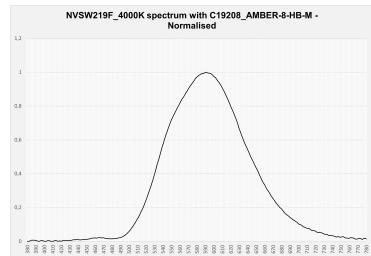


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



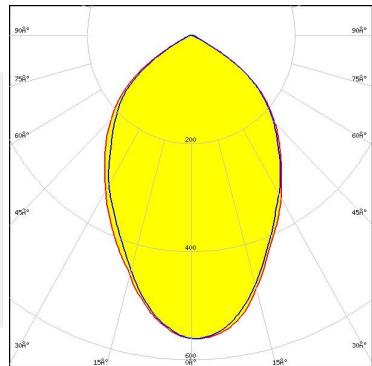
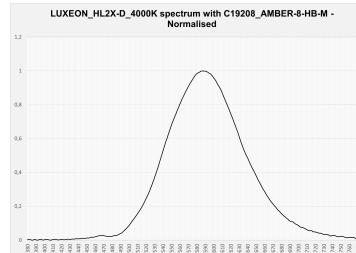
LED	XP-G3
FWHM / FWTM	76.0° / 137.0°
Efficiency	86 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	1.2 %
CCT (LED/with lens)*	3726K/2673K
Required components:	



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



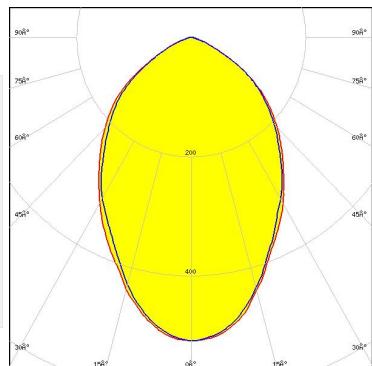
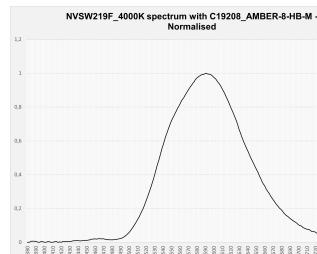
LED	LUXEON HL2X-D
FWHM / FWTM	73.0° / 122.0°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	1.7 %
CCT (LED/with lens)*	3828K/2695K
Required components:	



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:	



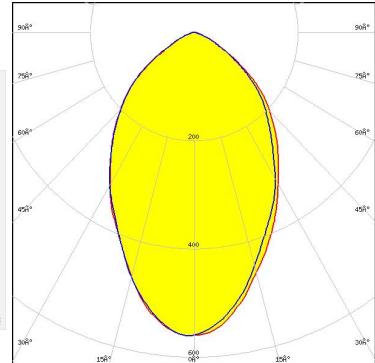
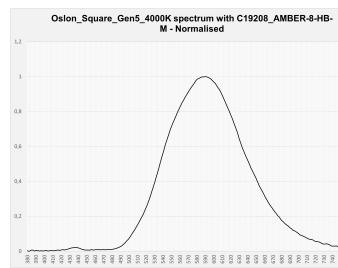
Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

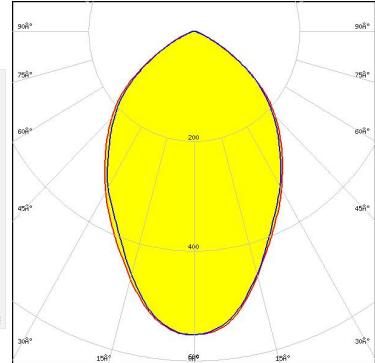
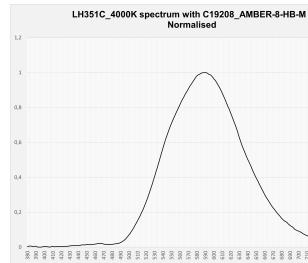
LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	70.0° / 124.0°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	1.3 %
CCT (LED/with lens)*	3848K/2683K
Required components:	



Light distribution files

SAMSUNG

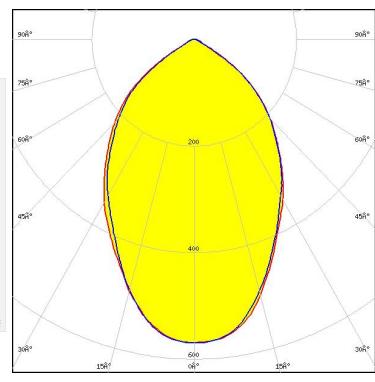
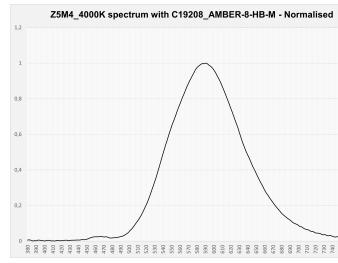
LED	LH351C
FWHM / FWTM	73.0° / 126.0°
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	1.4 %
CCT (LED/with lens)*	3752K/2710K
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

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:

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.

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