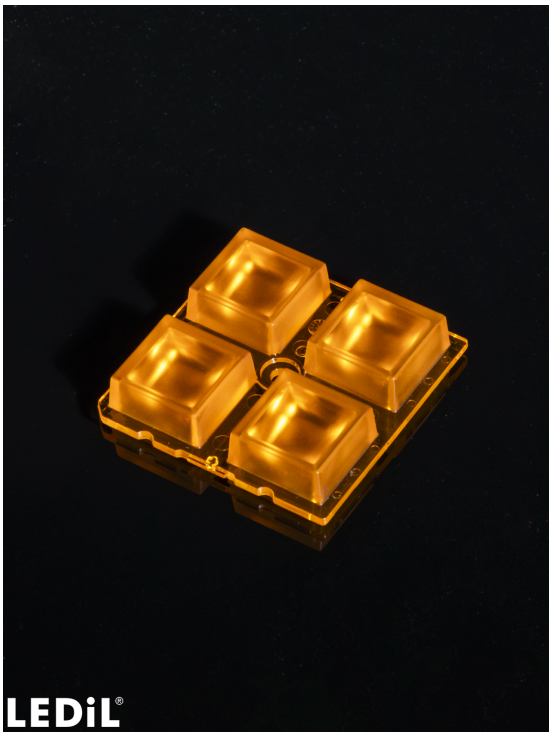
AMBER-2X2-WWW

~100° wide beam



SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	10 mm
Fastening	tape, screw
ROHS compliant	yes

MATERIALS:

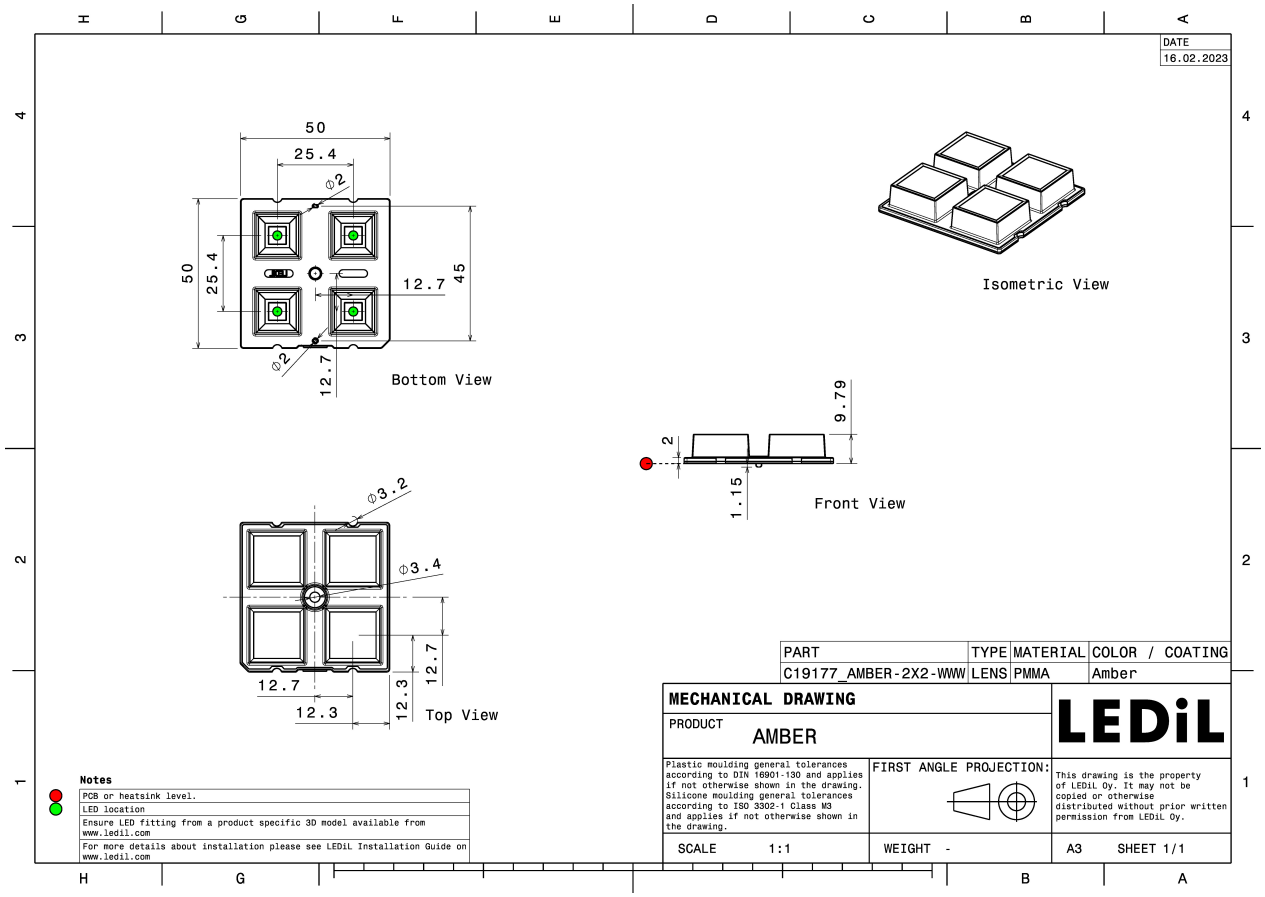
Component	Type	Material	Colour	Finish	Length (mm)
AMBER-2X2-WWW	Multi-lens	PMMA	amber		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C19177_AMBER-2X2-WWW » Box size: 480 x 280 x 300 mm	800	160	160	12.1

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

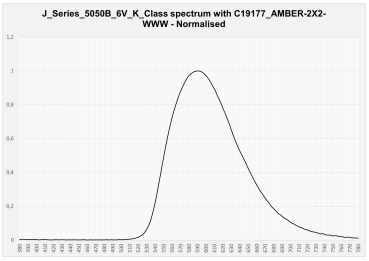
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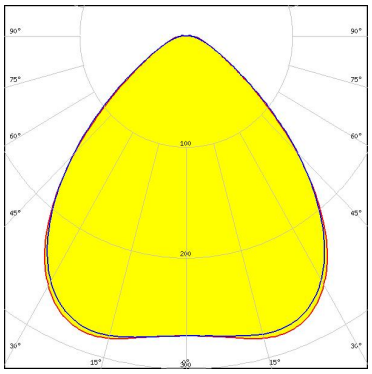
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OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	J Series 5050B 6V K Class	
FWHM / FWTM	91.0° / 131.0°	
Efficiency	69 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.3 %
CCT (LED/with lens)*		3763K/2091K
Required components:		

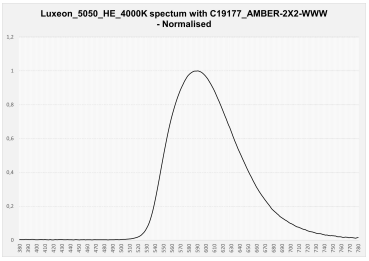


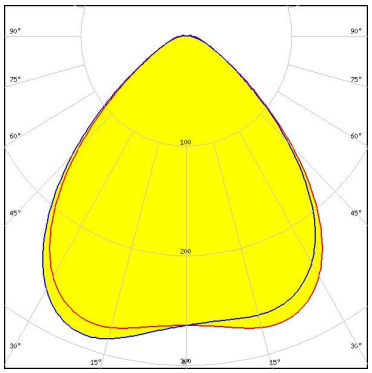


*the measured CCT with lens doesn't follow the Black Body Locus line

LUMILEDS

LED	LUXEON 5050 HE	
FWHM / FWTM	90.0° / 131.0°	
Efficiency	69 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.3 %
CCT (LED/with lens)*		3854K/2125K
Required components:		

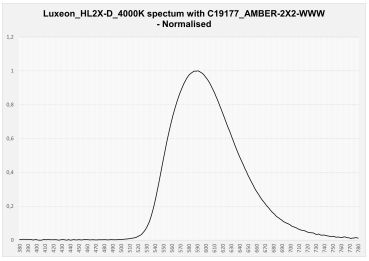


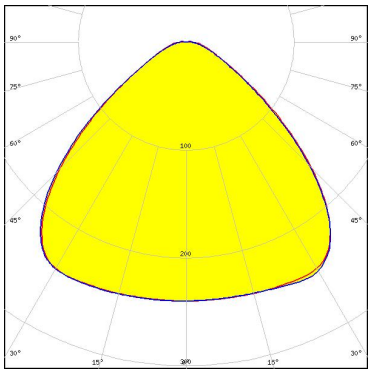


Light distribution files

LUMILEDS

LED	LUXEON HL2X-D	
FWHM / FWTM	99.0° / 140.0°	
Efficiency	68 %	
Peak intensity	0.2 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.3 %
CCT (LED/with lens)*		3880K/2130K
Required components:		





Light distribution files

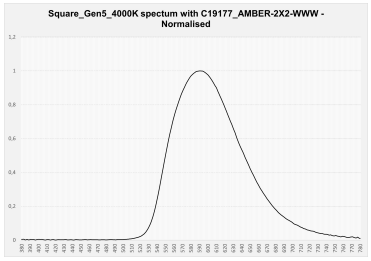
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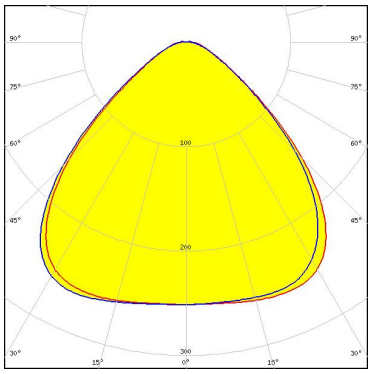
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OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	96.0° / 135.0°	
Efficiency	69 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.3 %
CCT (LED/with lens)*		3898K/2110K
Required components:		

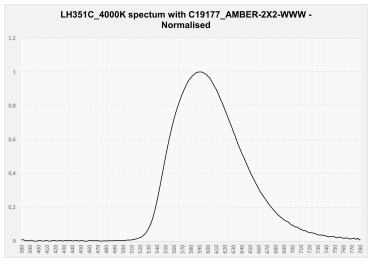


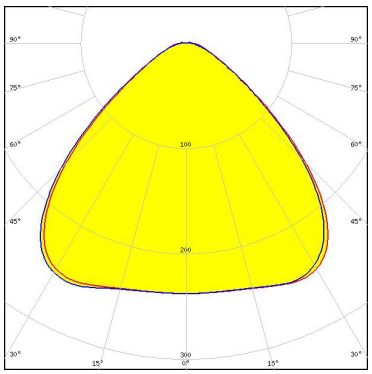


Light distribution files

SAMSUNG

LED	LH351C	
FWHM / FWTM	97.0° / 137.0°	
Efficiency	69 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.3 %
CCT (LED/with lens)*		3773K/2114K
Required components:		

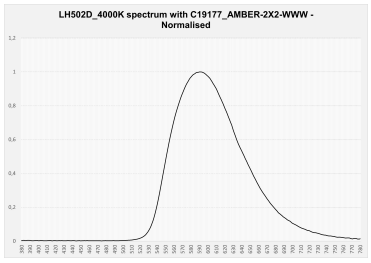


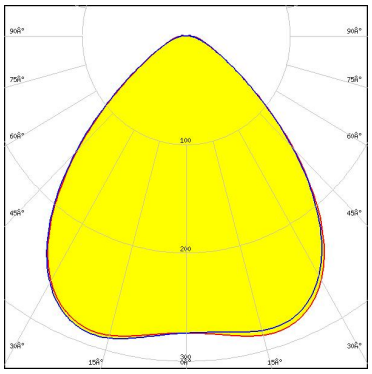


Light distribution files

SAMSUNG

LED	LH502D	
FWHM / FWTM	90.0° / 131.0°	
Efficiency	69 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.3 %
CCT (LED/with lens)*		3875K/2076K
Required components:		





Light distribution files

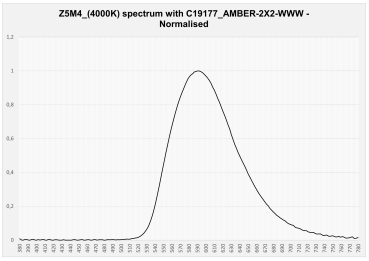
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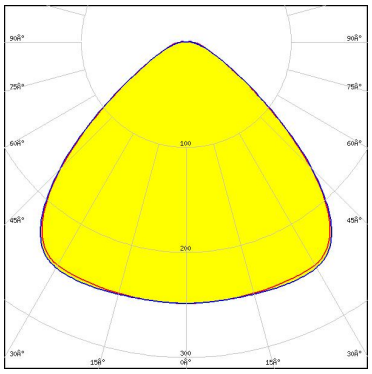
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OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

LED	Z5M4	
FWHM / FWTM	99.0° / 138.0°	
Efficiency	71 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.2 %
CCT (LED/with lens)*		3561K/2067K
Required components:		





Light distribution files

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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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LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.
405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support
www.ledil.com/
where_to_buy

Shipping locations
Poznan, Poland
Hong Kong, China

Distribution Partners
www.ledil.com/
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