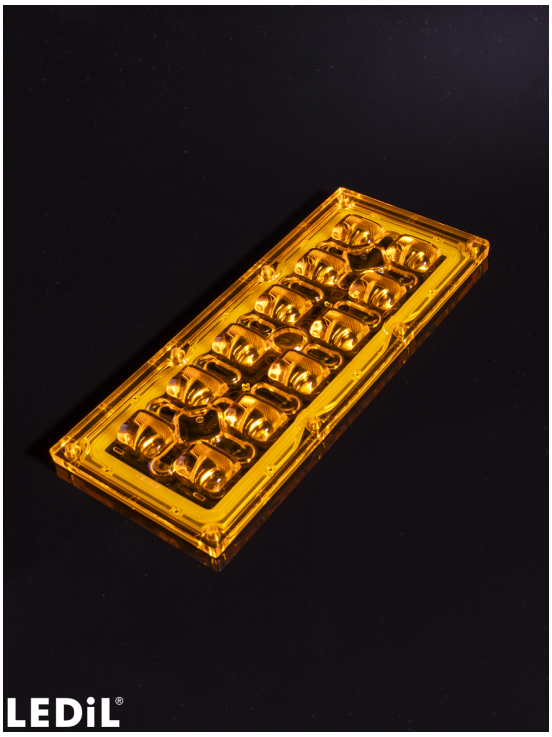
AMBER-IP-2X6-T2

IESNA Type II (medium) beam applicable for European P-class standard pedestrian lighting and M-class roads



SPECIFICATION:

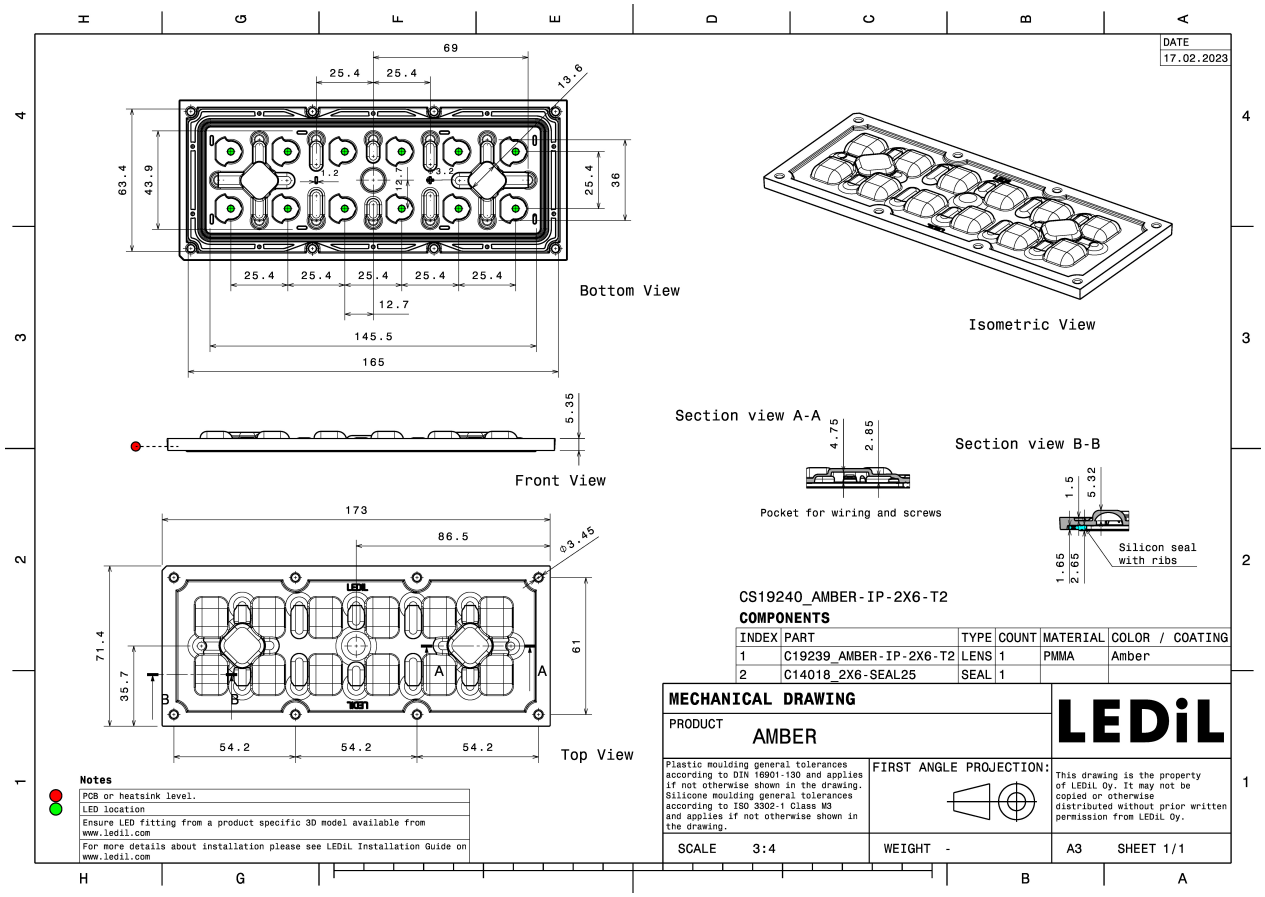
Dimensions	71.4 x 173.0
Height	9.2 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
AMBER-IP-2X6-T2	Multi-lens	PMMA	amber		
2X6-SEAL25	Seal	Silicone	white		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS19240_AMBER-IP-2X6-T2	Multi-lens	120	40	40	7.6
» Box size: 476 x 273 x 247 mm					

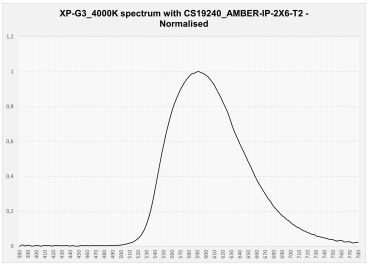


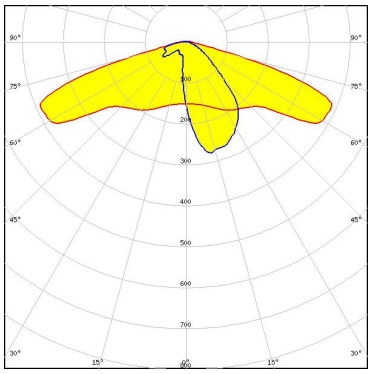
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XP-G3	
FWHM / FWTM	Asymmetric	
Efficiency	73 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.3 %
CCT (LED/with lens)*		3780K/2187K
Required components:		

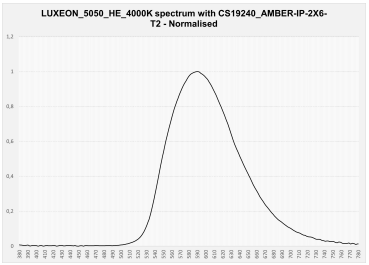


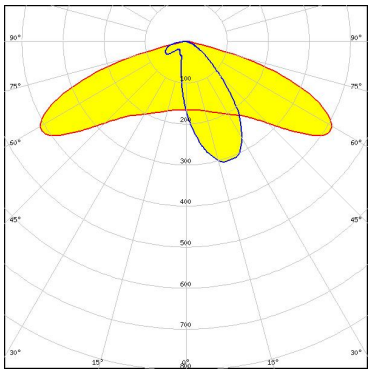


*the measured CCT with lens doesn't follow the Black Body Locus line

LUMILEDS

LED	LUXEON 5050 HE	
FWHM / FWTM	Asymmetric	
Efficiency	73 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.4 %
CCT (LED/with lens)*		3768K/2197K
Required components:		

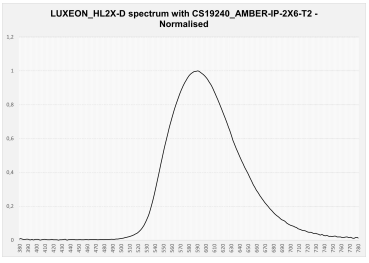


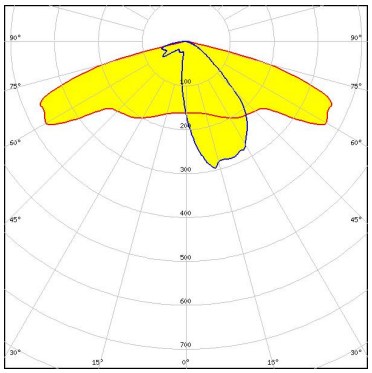


Light distribution files

LUMILEDS

LED	LUXEON HL2X-D	
FWHM / FWTM	Asymmetric	
Efficiency	74 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.4 %
CCT (LED/with lens)*		3813K/2207K
Required components:		



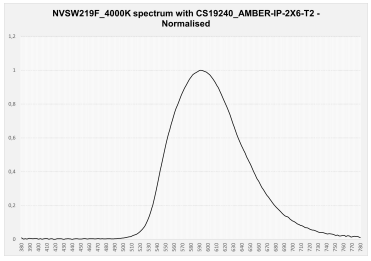


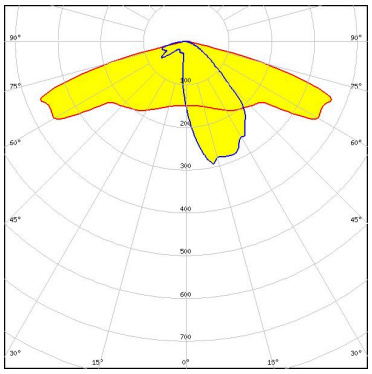
Light distribution files

OPTICAL RESULTS (MEASURED):

NICHIA

LED	NVSW219F	
FWHM / FWTM	Asymmetric	
Efficiency	74 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.4 %
CCT (LED/with lens)*		3726K/2177K
Required components:		

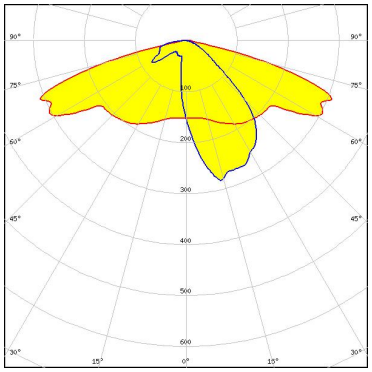




Light distribution files

NICHIA

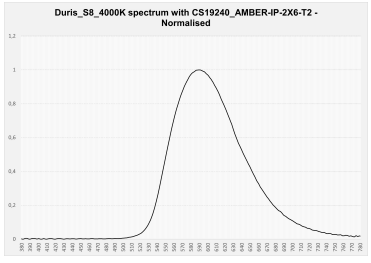
LED	NVSW519A
FWHM / FWTM	Asymmetric
Efficiency	72 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

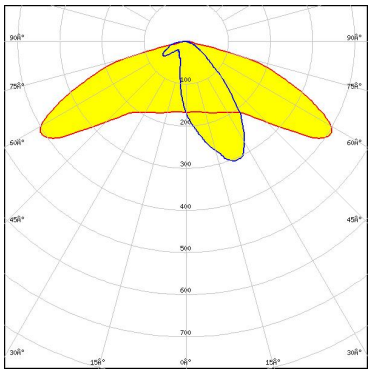


Light distribution files

OSRAM
Opto Semiconductors

LED	Duris S8	
FWHM / FWTM	Asymmetric	
Efficiency	67 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.3 %
CCT (LED/with lens)*		3866K/2118K
Required components:		



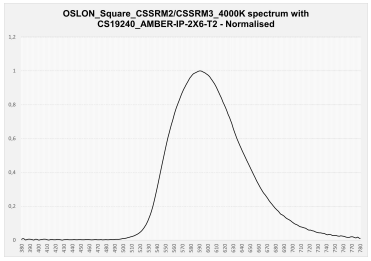


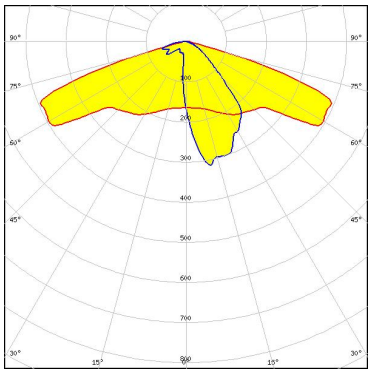
Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	Asymmetric	
Efficiency	74 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.4 %
CCT (LED/with lens)*		3803K/2192K
Required components:		

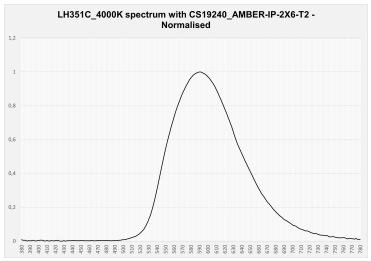


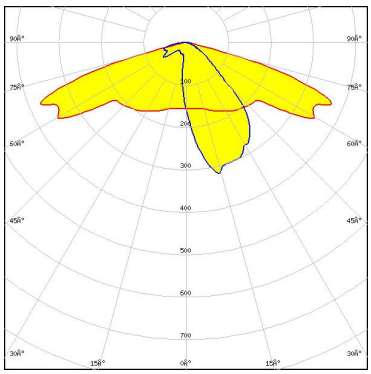


Light distribution files

SAMSUNG

LED	LH351C	
FWHM / FWTM	Asymmetric	
Efficiency	74 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.4 %
CCT (LED/with lens)*		3735K/2204K
Required components:		

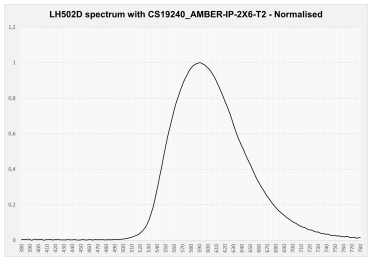


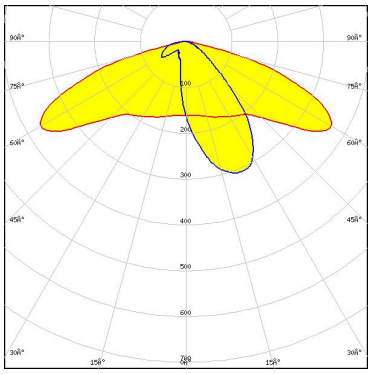


Light distribution files

SAMSUNG

LED	LH502D	
FWHM / FWTM	Asymmetric	
Efficiency	74 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.4 %
CCT (LED/with lens)*		3783K/2166K
Required components:		



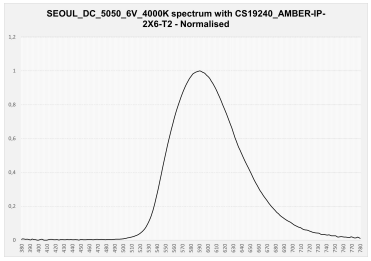


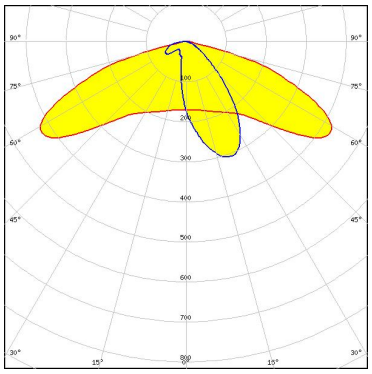
Light distribution files

OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

LED	SEOUL DC 5050 6V	
FWHM / FWTM	Asymmetric	
Efficiency	74 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.4 %
CCT (LED/with lens)*		3848K/2166K
Required components:		

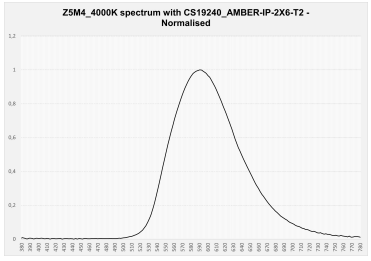


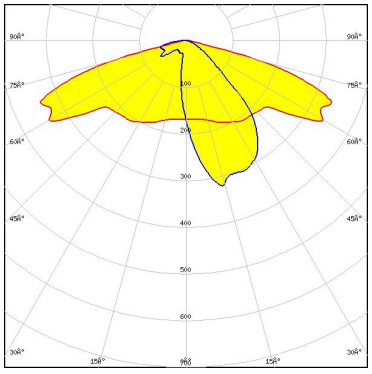


Light distribution files

SEOUL SEMICONDUCTOR

LED	Z5M4	
FWHM / FWTM	Asymmetric	
Efficiency	76 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.4 %
CCT (LED/with lens)*		3566K/2165K
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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