

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 ⓘ

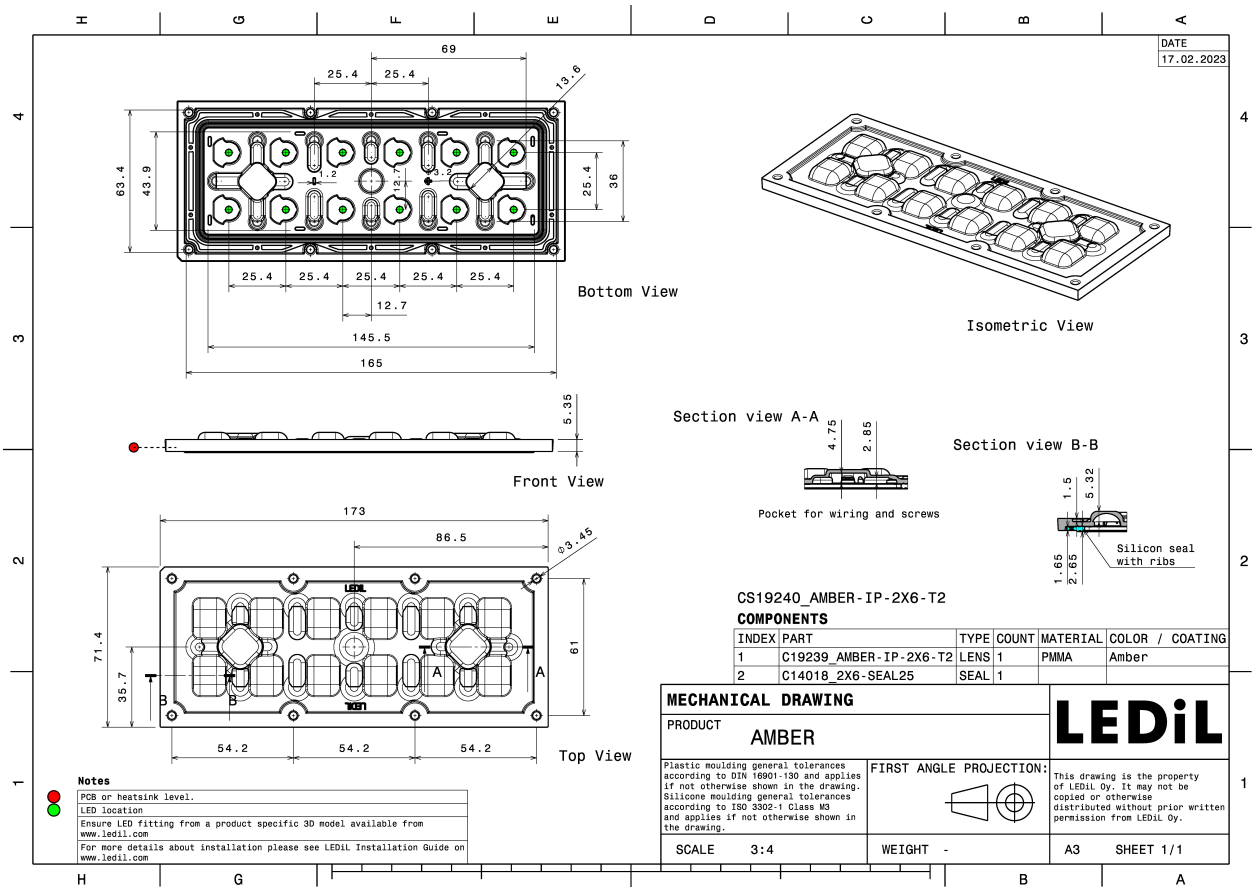


MATERIALS:

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					



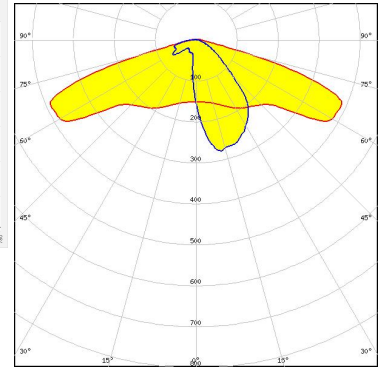
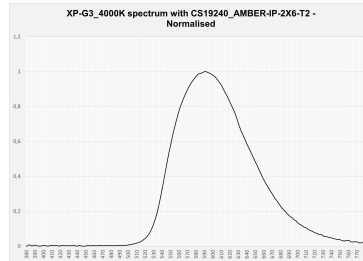
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

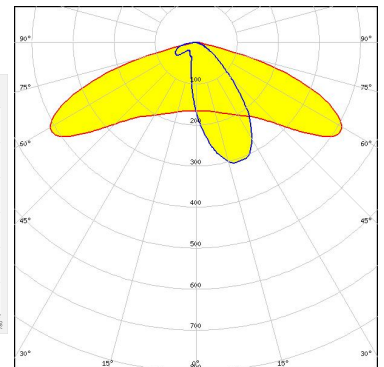
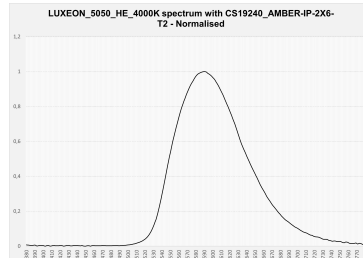


LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	73 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	0.3 %
CCT (LED/with lens)*	3780K/2187K
Required components:	

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



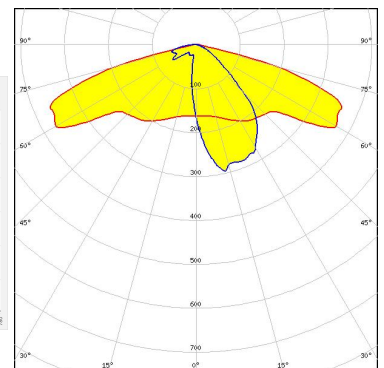
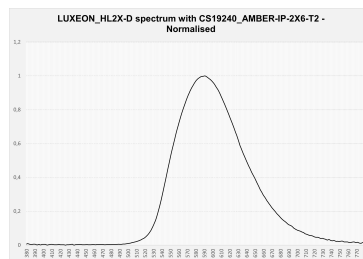
LED	LUXEON 5050 HE
FWHM / FWTM	Asymmetric
Efficiency	73 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	0.4 %
CCT (LED/with lens)*	3768K/2197K
Required components:	



Light distribution files



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:	

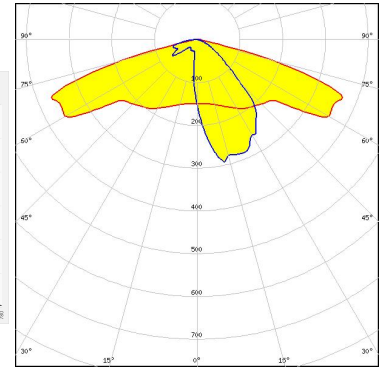
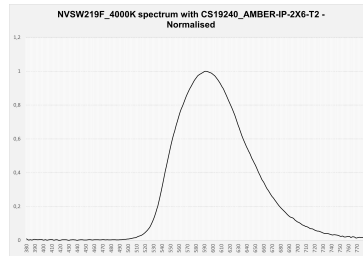


Light distribution files

OPTICAL RESULTS (MEASURED):



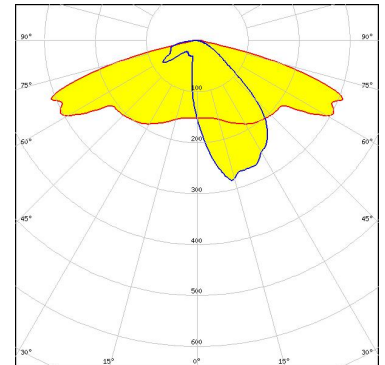
LED NVSW219F
 FWHM / FWTM Asymmetric
 Efficiency 74 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Amount of Blue light (380-500 nm) 0.4 %
 CCT (LED/with lens)* 3726K/2177K
 Required components:



Light distribution files



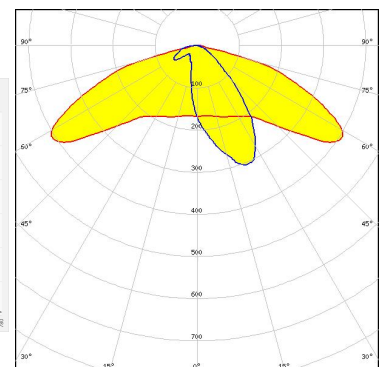
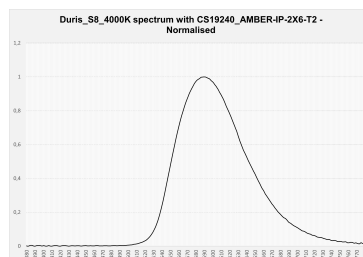
LED NVSW519A
 FWHM / FWTM Asymmetric
 Efficiency 72 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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:

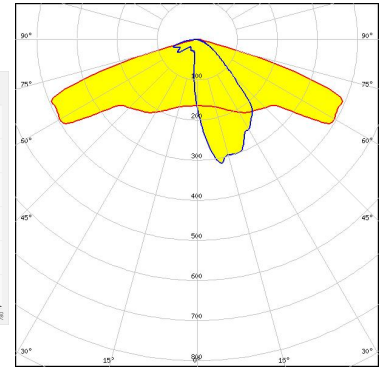
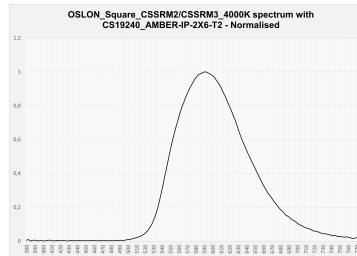


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

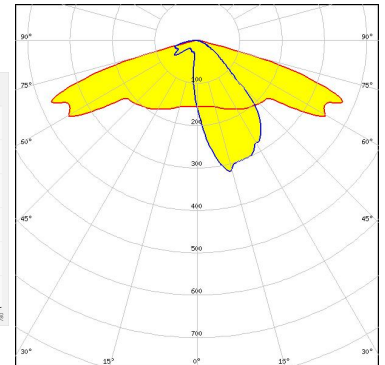
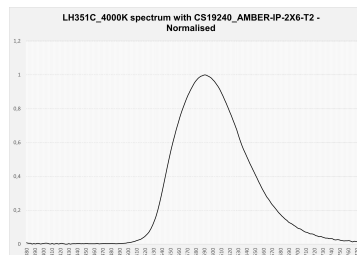
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Amount of Blue light (380-500 nm) 0.4 %
CCT (LED/with lens)* 3803K/2192K
Required components:



Light distribution files

SAMSUNG

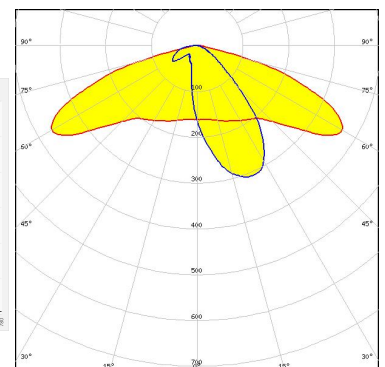
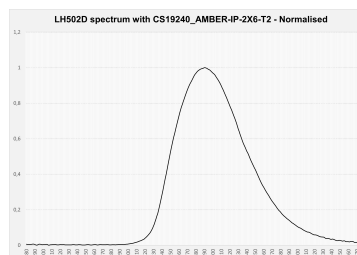
LED LH351C
FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Amount of Blue light (380-500 nm) 0.4 %
CCT (LED/with lens)* 3735K/2204K
Required components:



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:

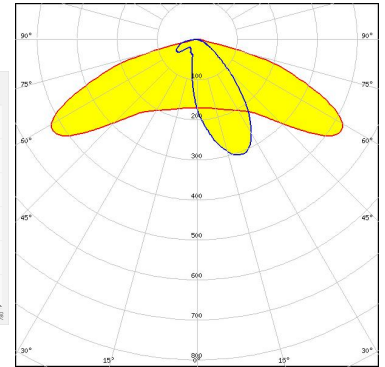
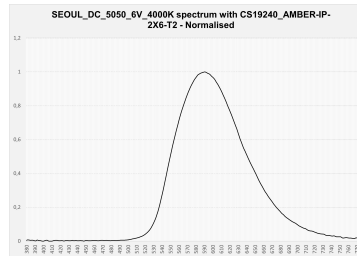


Light distribution files

OPTICAL RESULTS (MEASURED):



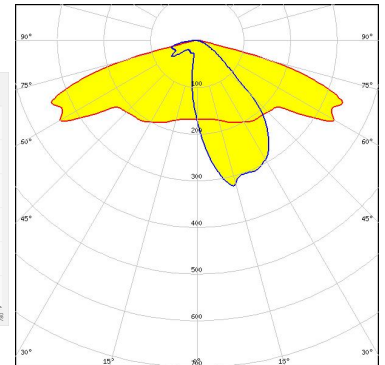
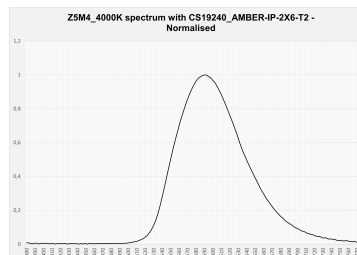
LED: SEOUL DC 5050 6V
 FWHM / FWTM: Asymmetric
 Efficiency: 74 %
 Peak intensity: 0.6 cd/lm
 LEDs/each optic: 1
 Light colour/type: White
 Amount of Blue light (380-500 nm): 0.4 %
 CCT (LED/with lens)*: 3848K/2166K
 Required components:



Light distribution files



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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