

AMBER-2X2-T3

IESNA Type III (medium) beam for roads that are equal to or wider than mounting height



SPECIFICATION:

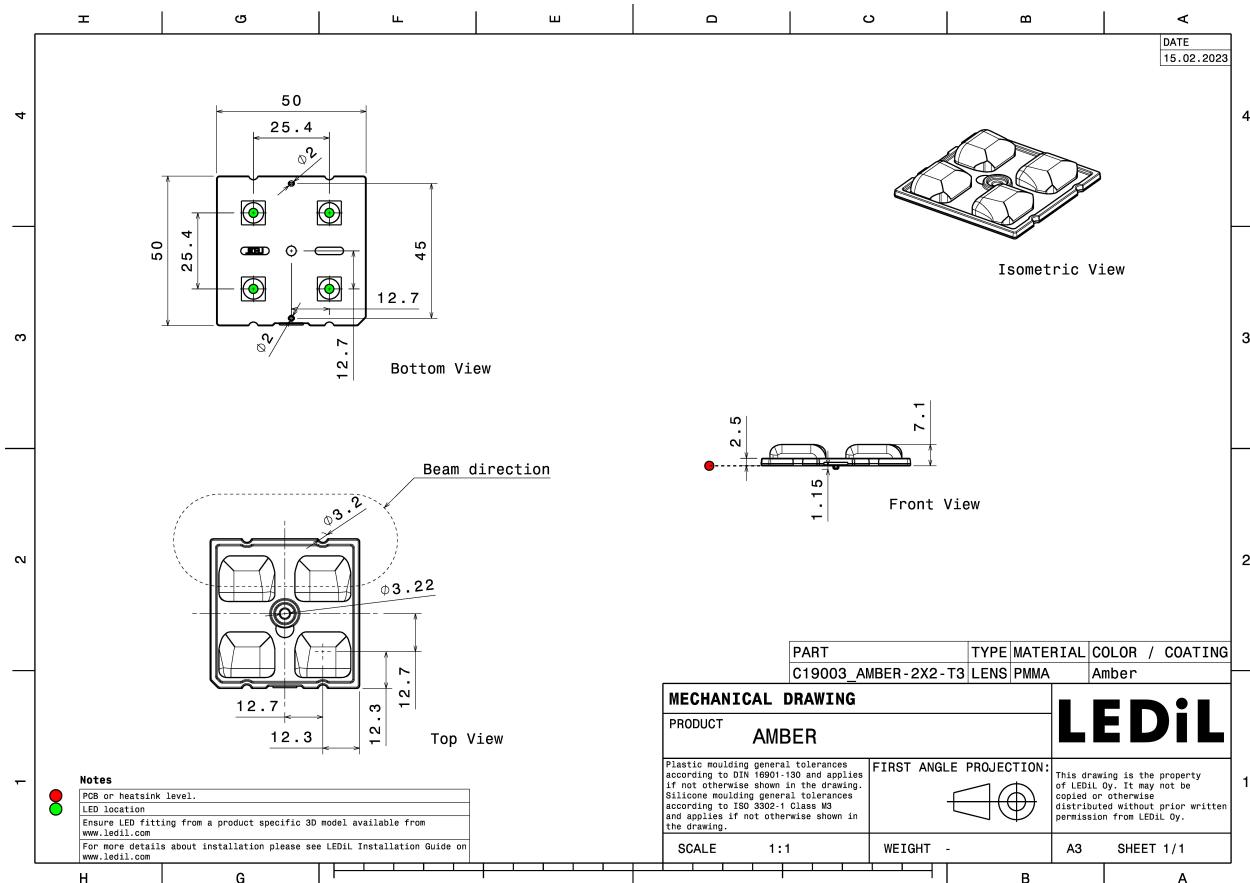
Dimensions	50.0 x 50.0
Height	7.1 mm
Fastening	glue, pin, screw
ROHS compliant	yes 

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
AMBER-2X2-T3	Multi-lens	PMMA			

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C19003_AMBER-2X2-T3	800	160	160	7.7
» Box size: 480 x 280 x 300 mm				

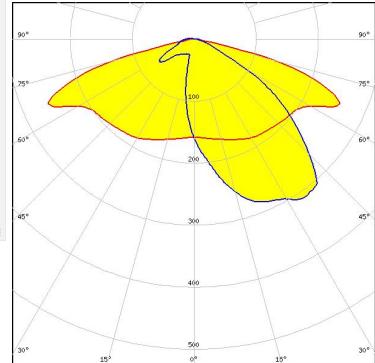
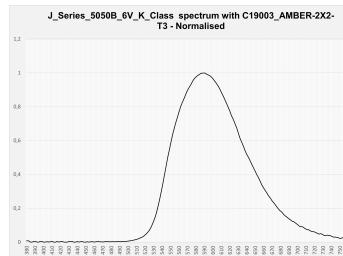


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



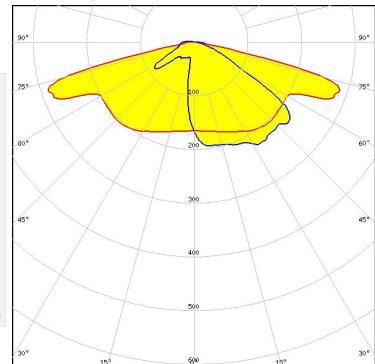
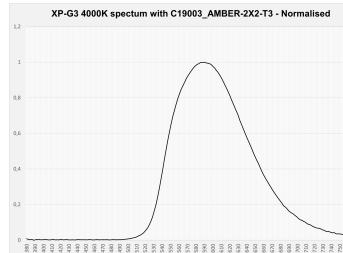
LED	J Series 5050B 6V K Class
FWHM / FWTM	Asymmetric
Efficiency	75 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	0.3 %
CCT (LED/with lens)*	3763K/2238K
Required components:	



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



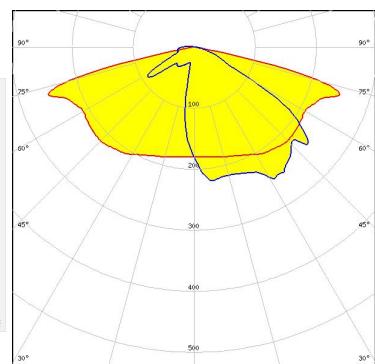
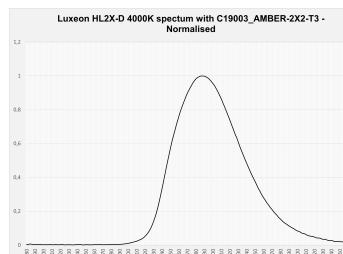
LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	75 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	0.3 %
CCT (LED/with lens)*	3838K/2276K
Required components:	



Light distribution files



LED	LUXEON HL2X-D
FWHM / FWTM	Asymmetric
Efficiency	75 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	0.4 %
CCT (LED/with lens)*	3902K/2292K
Required components:	

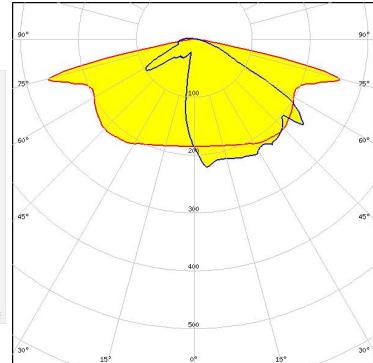
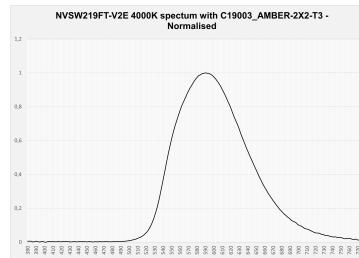


Light distribution files

OPTICAL RESULTS (MEASURED):



LED	NVSW219F-V2
FWHM / FWTM	Asymmetric
Efficiency	75 %
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)*	3836K/2275K
Required components:	

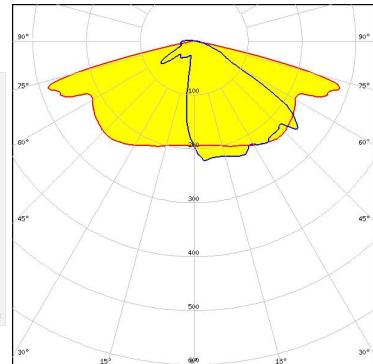
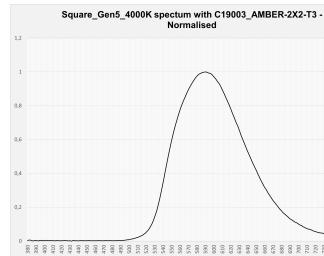


Light distribution files



Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	75 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	0.4 %
CCT (LED/with lens)*	3898K/2263K
Required components:	

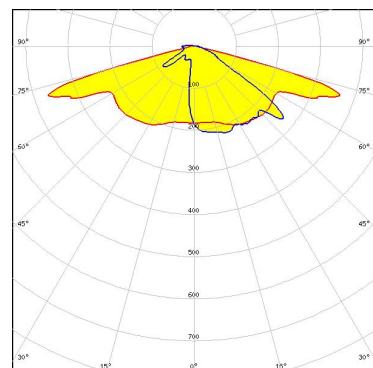


Light distribution files



Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	74 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

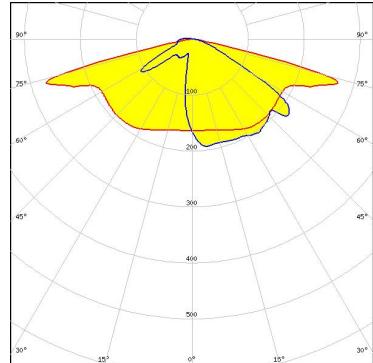


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

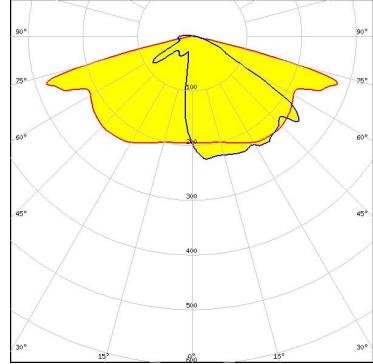
LED Fortimo FastFlex LED 2x8 DA G4+
 FWHM / FWTM Asymmetric
 Efficiency 70 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

PHILIPS

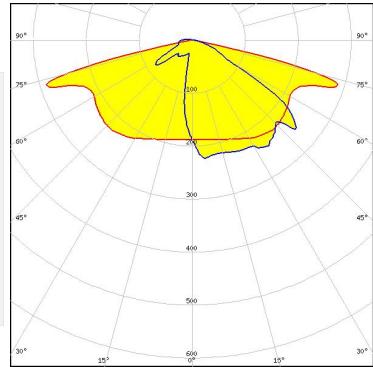
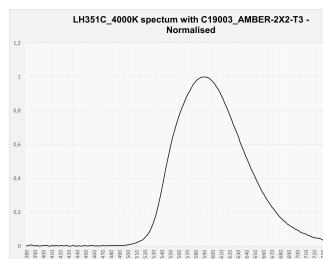
LED Fortimo FastFlex LED 2x8 DA G5
 FWHM / FWTM Asymmetric
 Efficiency 74 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

LED LH351C
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 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)* 3773K/2266K
 Required components:

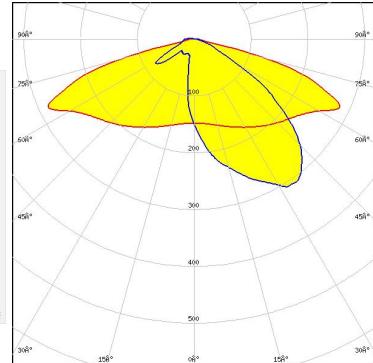
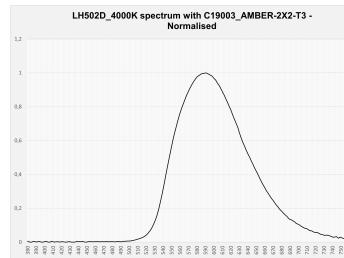


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

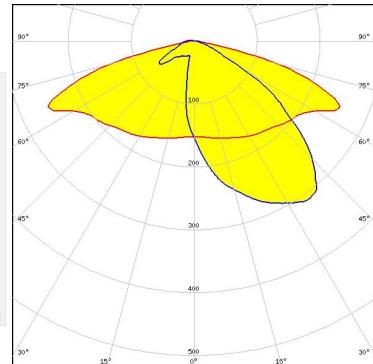
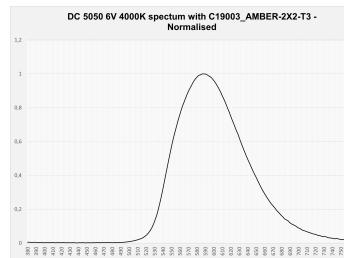
LED	LH502D
FWHM / FWTM	Asymmetric
Efficiency	75 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	0.3 %
CCT (LED/with lens)*	3785K/2219K
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

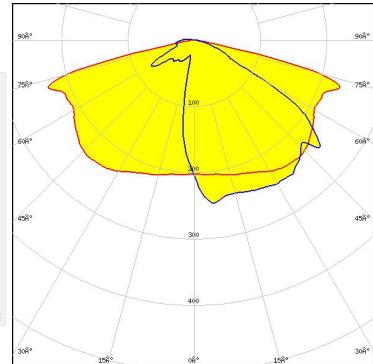
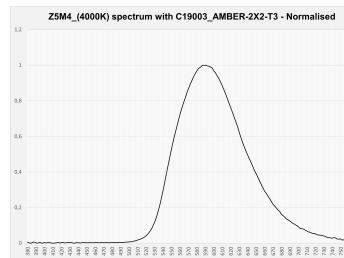
LED	SEOUL DC 5050 6V
FWHM / FWTM	Asymmetric
Efficiency	75 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	0.4 %
CCT (LED/with lens)*	3995K/2264K
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

LED	Z5M4
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	0.3 %
CCT (LED/with lens)*	3561K/2201K
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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