

AMBER-2X2-T2

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

SPECIFICATION:

Dimensions	50.0 x 50.0
Height	7.7 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

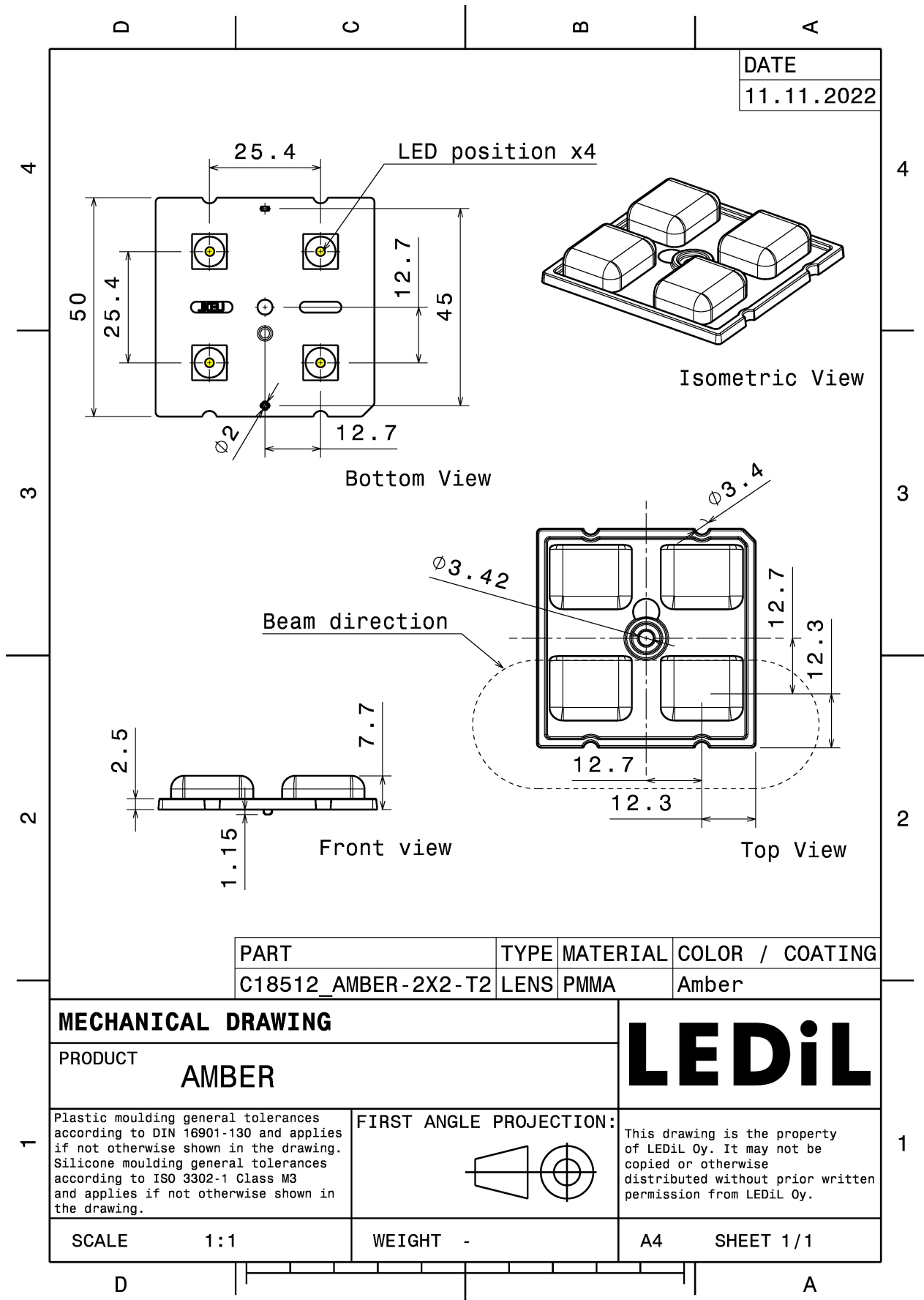


MATERIALS:

Component	Type	Material	Colour	Finish	Length
AMBER-2X2-T2	Multi-lens	PMMA	amber		50.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18512_AMBER-2X2-T2 » Box size: 480 x 280 x 300 mm	800	160	160	8.2

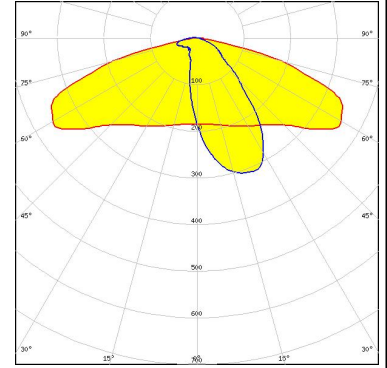


See also our general installation guide: www.ledil.com/installation_guide

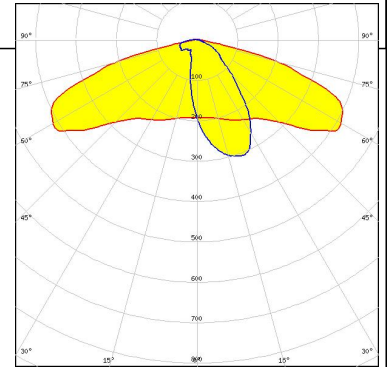
OPTICAL RESULTS (MEASURED):



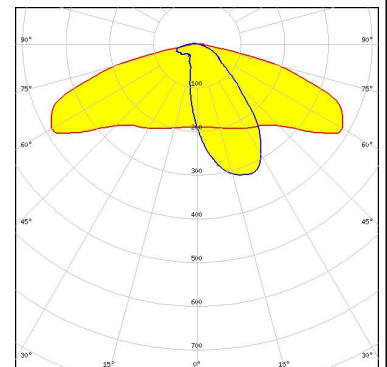
LED J Series 5050B 6V K Class
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED J Series 5050B 6V K Class
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



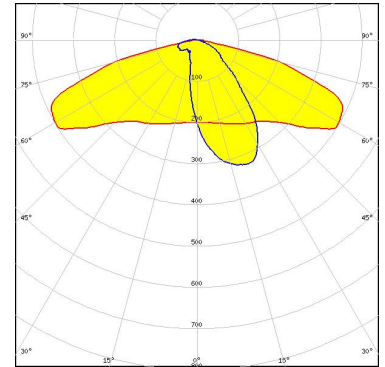
LED J Series 5050B 6V K Class
FWHM / FWTM Asymmetric
Efficiency 79 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



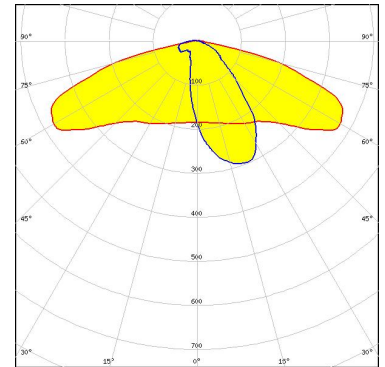
OPTICAL RESULTS (MEASURED):



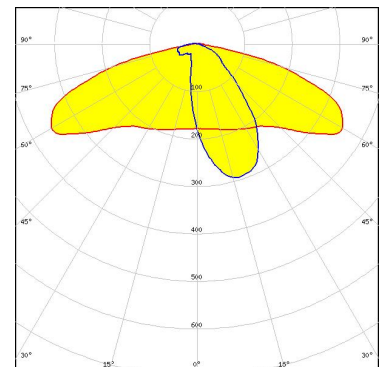
LED J Series 5050B 6V K Class
FWHM / FWTM Asymmetric
Efficiency 81 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED J Series 5050B 6V K Class
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



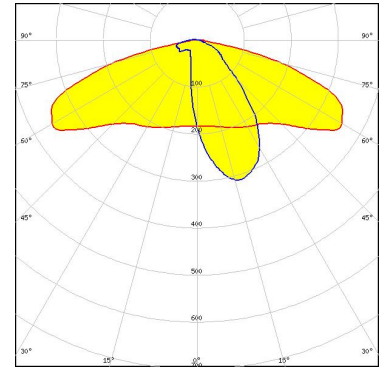
LED J Series 5050C 6V E Class
FWHM / FWTM Asymmetric
Efficiency 72 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



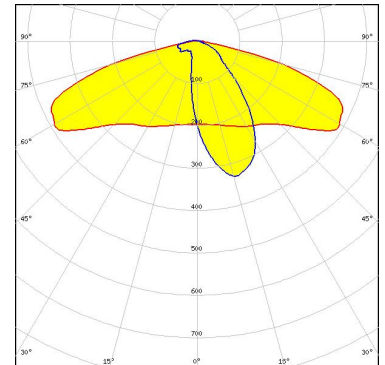
OPTICAL RESULTS (MEASURED):



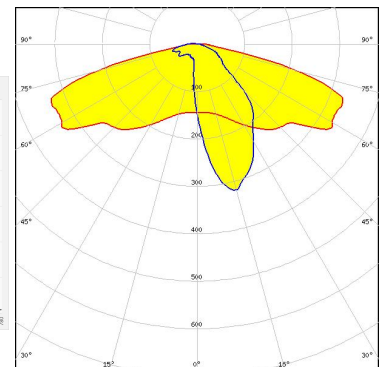
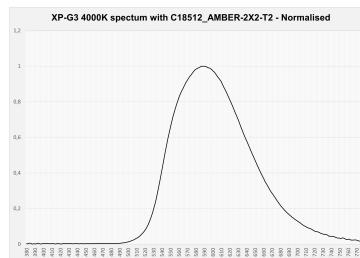
LED J Series 5050C 6V E Class
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



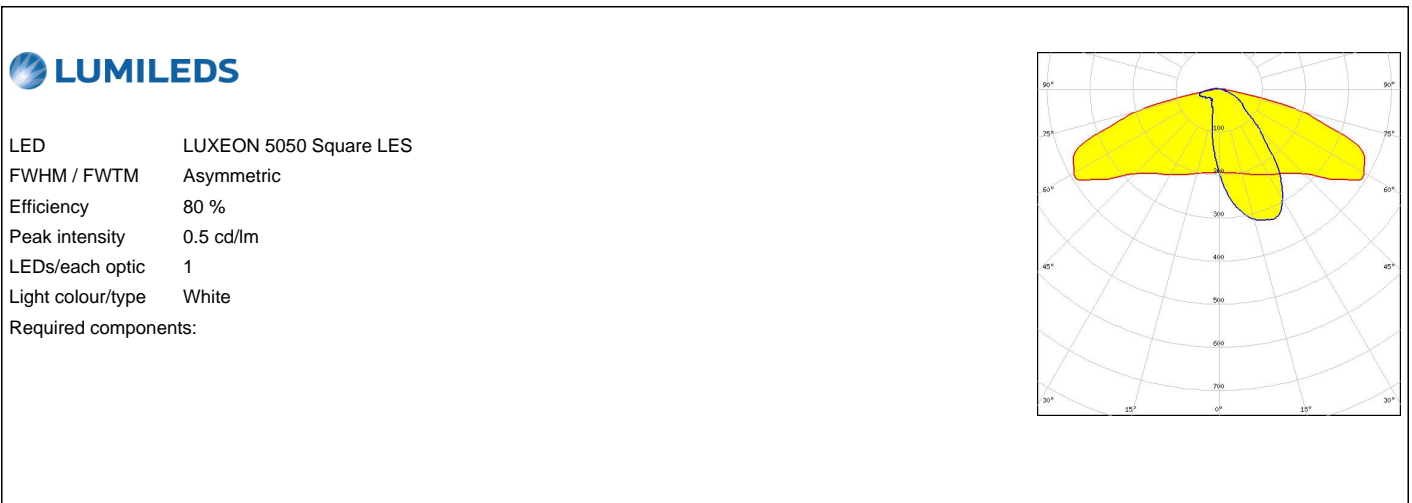
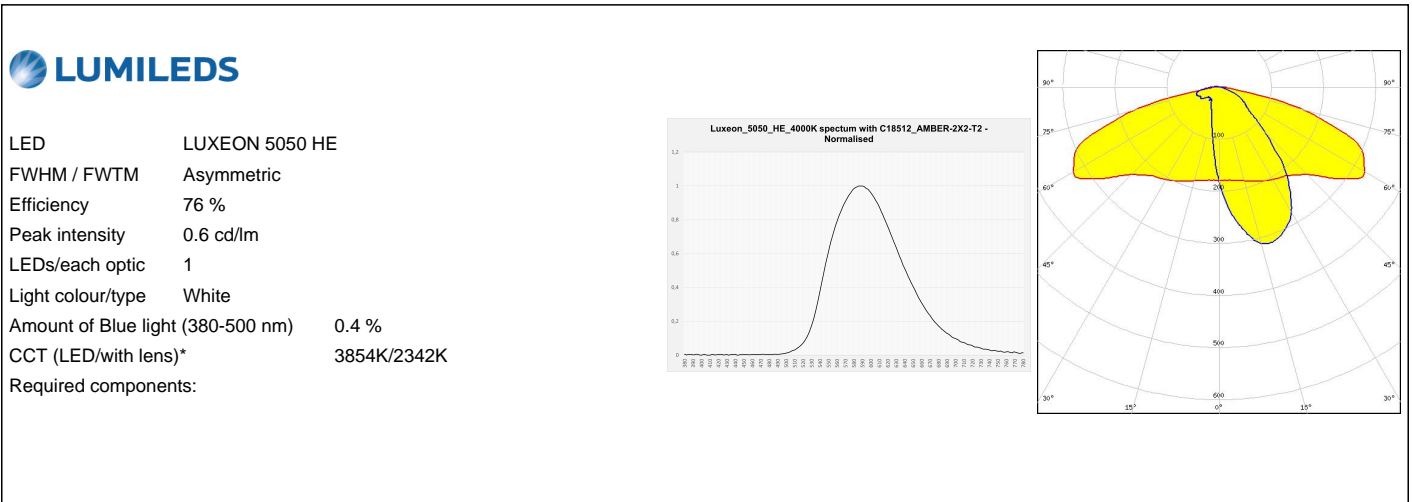
LED J Series 5050C 6V E Class
 FWHM / FWTM Asymmetric
 Efficiency 78 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED XP-G3
 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)* 3838K/2345K
 Required components:



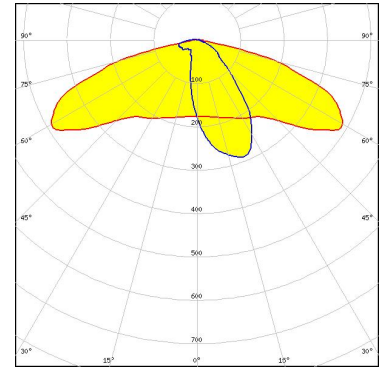
OPTICAL RESULTS (MEASURED):



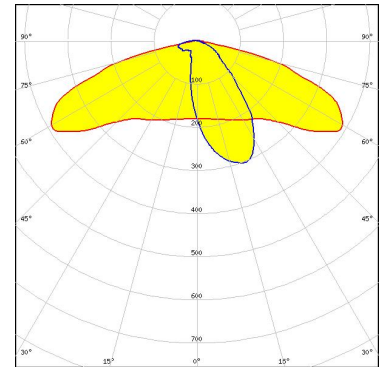
OPTICAL RESULTS (MEASURED):



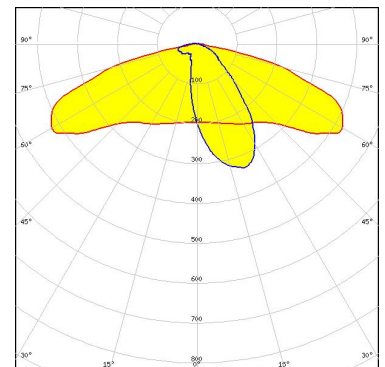
LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 71 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



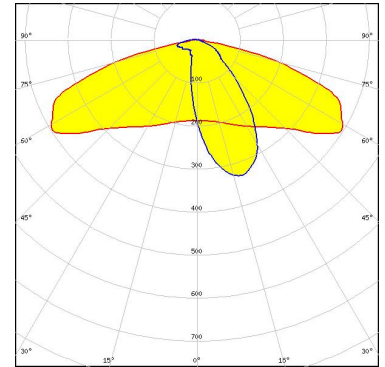
LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 81 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



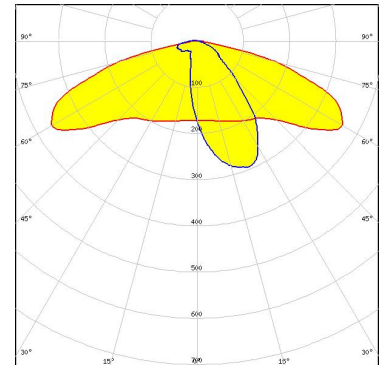
OPTICAL RESULTS (MEASURED):



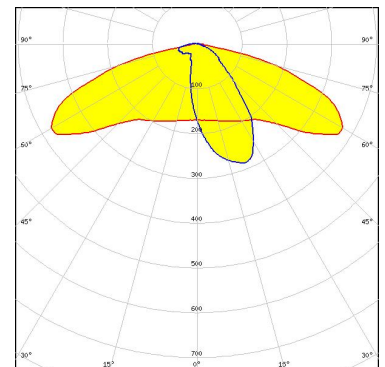
LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 78 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 72 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



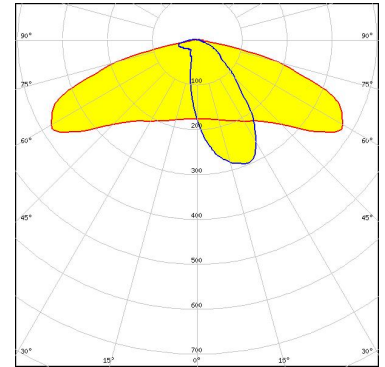
LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 70 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



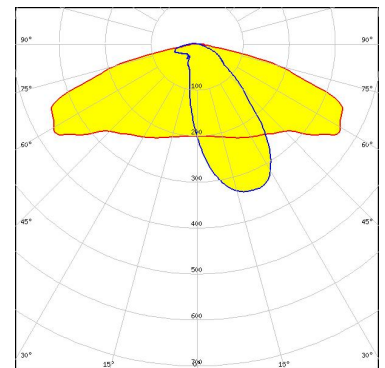
OPTICAL RESULTS (MEASURED):



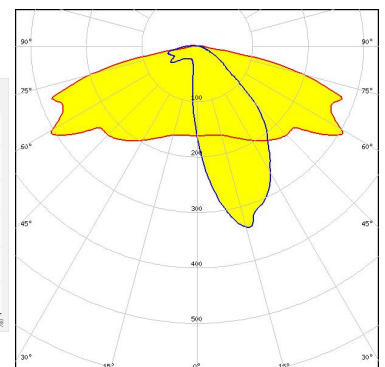
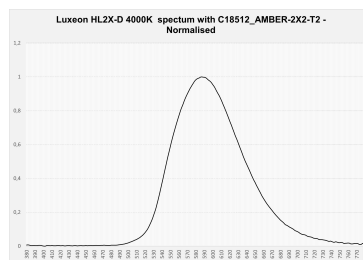
LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 72 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



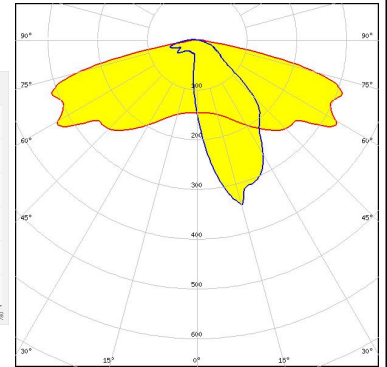
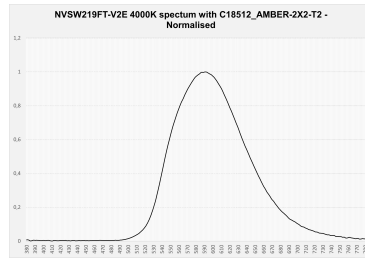
LED LUXEON HL2X-D
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Amount of Blue light (380-500 nm) 0.5 %
 CCT (LED/with lens)* 3902K/2361K
 Required components:



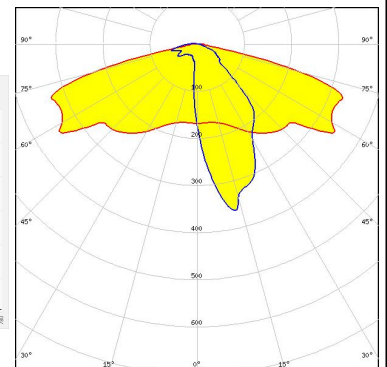
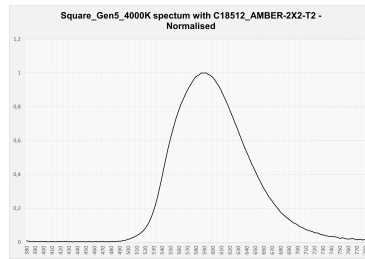
OPTICAL RESULTS (MEASURED):



LED NVSW219F
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) 0.5 %
CCT (LED/with lens)* 3836K/2344K
Required components:



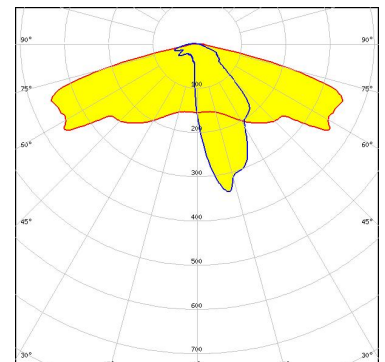
LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Amount of Blue light (380-500 nm) 0.5 %
CCT (LED/with lens)* 3898K/2330K
Required components:





OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	73 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



OPTICAL RESULTS (MEASURED):

PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4+

FWHM / FWTM Asymmetric

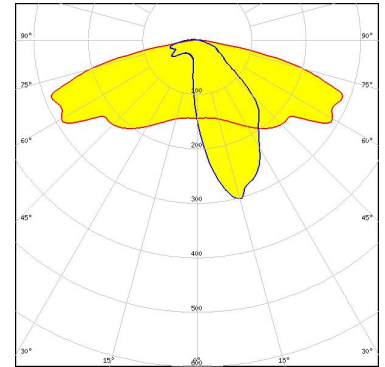
Efficiency 71 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G5

FWHM / FWTM Asymmetric

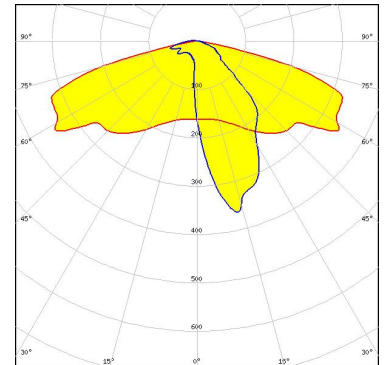
Efficiency 75 %

Peak intensity 0.8 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:



SAMSUNG

LED LH351C

FWHM / FWTM Asymmetric

Efficiency 76 %

Peak intensity 0.7 cd/lm

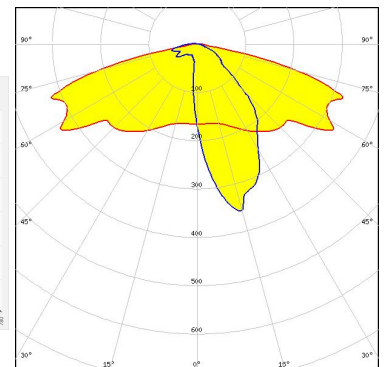
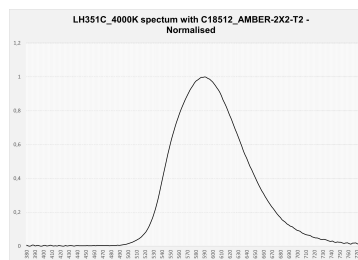
LEDs/each optic 1

Light colour/type White

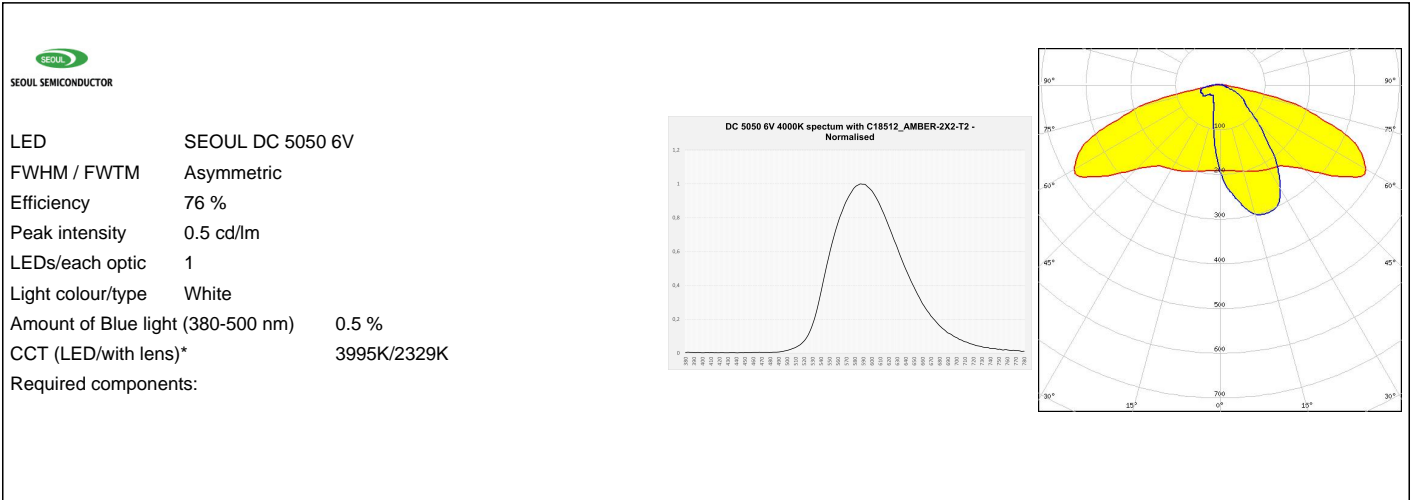
Amount of Blue light (380-500 nm) 0.4 %

CCT (LED/with lens)* 3773K/2333K

Required components:



OPTICAL RESULTS (MEASURED):



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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