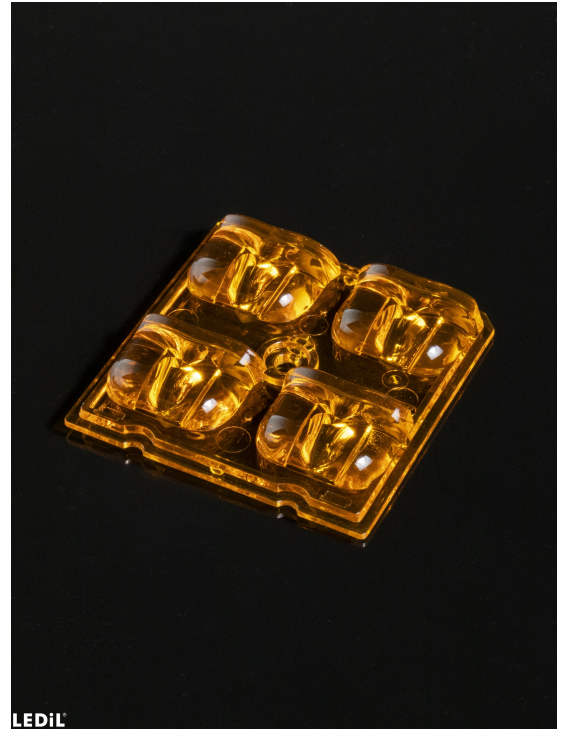


AMBER-2X2-SCL

Type II/III (long) beam for very wide pole to pole distances. Ideal for pedestrian paths and residential roads. EN13201 P-classes.

SPECIFICATION:

Dimensions	50.0 x 50.0
Height	7.8 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

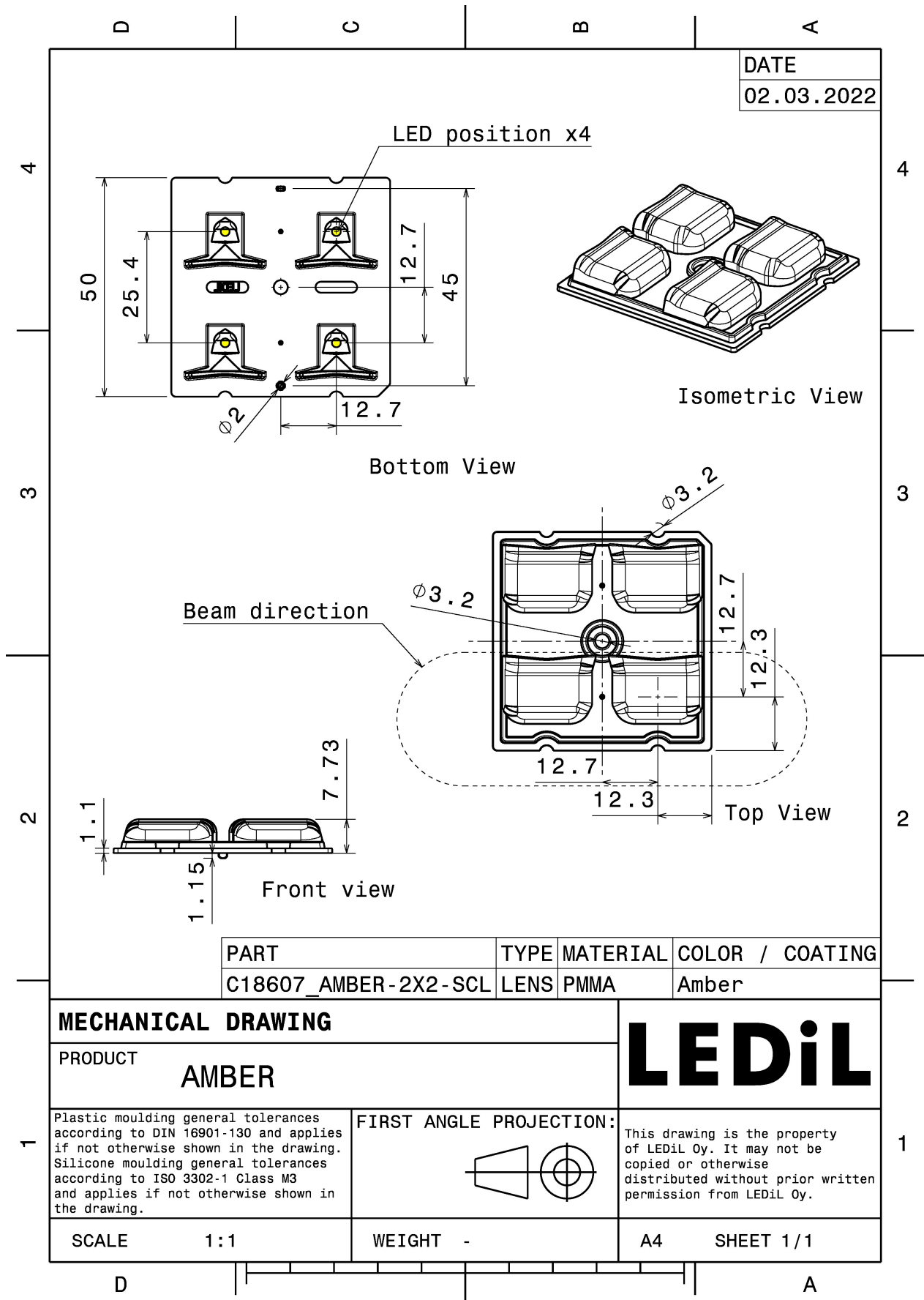


MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18607_AMBER-2X2-SCL » Box size: 480 x 280 x 300 mm	800	160	160	8.3

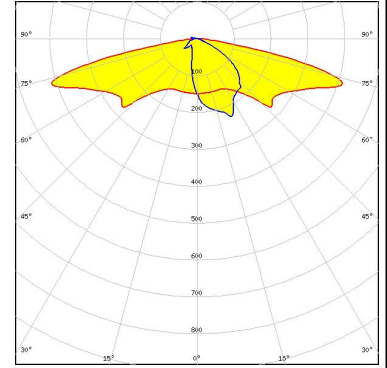


See also our general installation guide: www.ledil.com/installation_guide

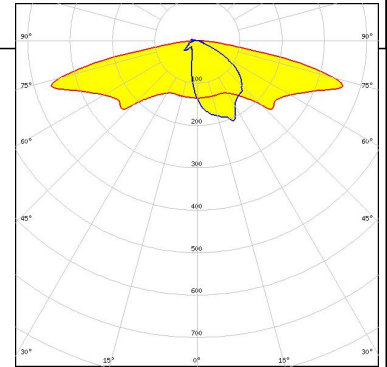
OPTICAL RESULTS (MEASURED):



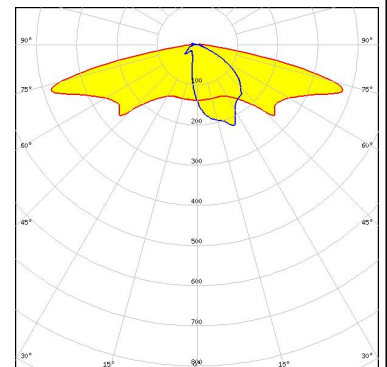
LED J Series 5050B 6V K Class
 FWHM / FWTM Asymmetric
 Efficiency 79 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED J Series 5050B 6V K Class
 FWHM / FWTM Asymmetric
 Efficiency 71 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



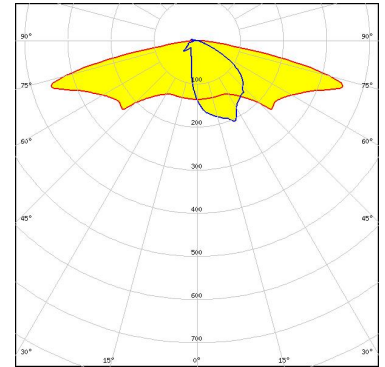
LED J Series 5050B 6V K Class
 FWHM / FWTM Asymmetric
 Efficiency 74 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



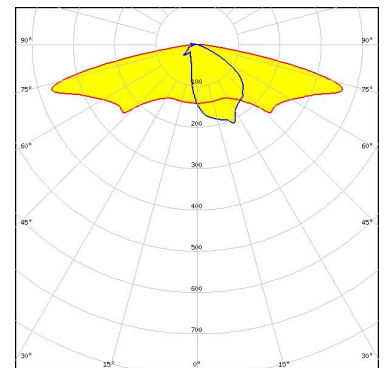
OPTICAL RESULTS (MEASURED):



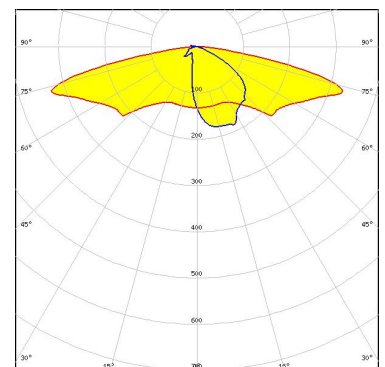
LED J Series 5050B 6V K Class
FWHM / FWTM Asymmetric
Efficiency 72 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED J Series 5050B 6V K Class
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



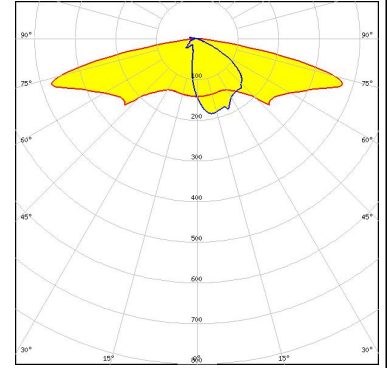
LED J Series 5050C 6V E Class
FWHM / FWTM Asymmetric
Efficiency 69 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



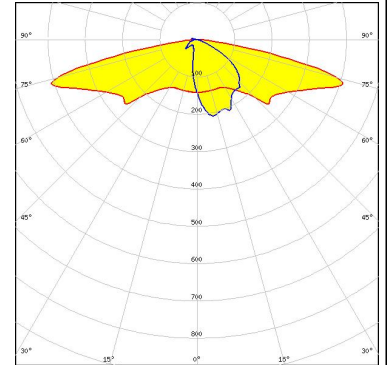
OPTICAL RESULTS (MEASURED):



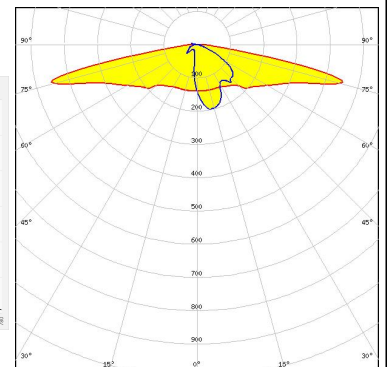
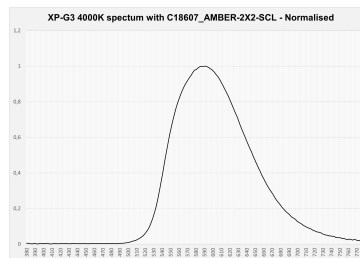
LED J Series 5050C 6V E Class
 FWHM / FWTM Asymmetric
 Efficiency 72 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED J Series 5050C 6V E Class
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



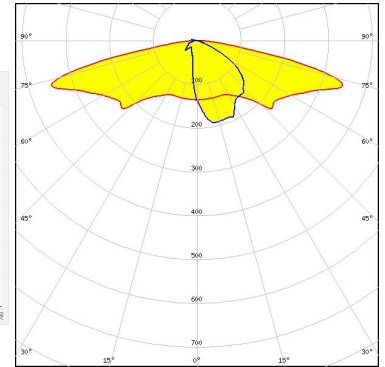
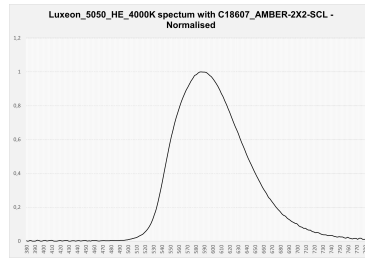
LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 74 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Amount of Blue light (380-500 nm) 0.4 %
 CCT (LED/with lens)* 3838K/2289K
 Required components:



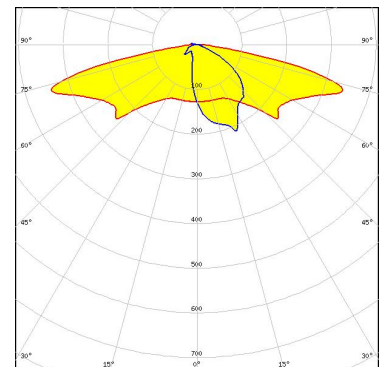
OPTICAL RESULTS (MEASURED):



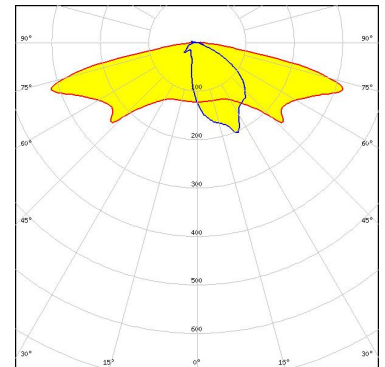
LED LUXEON 5050 HE
FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Amount of Blue light (380-500 nm) 0.3 %
CCT (LED/with lens)* 3854K/2289K
Required components:



LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 69 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



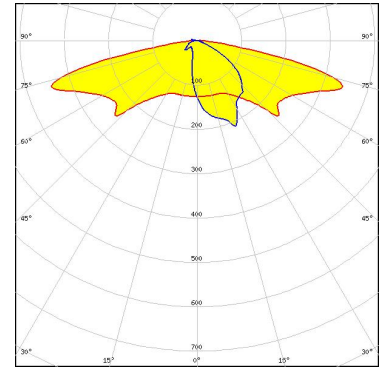
LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 67 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



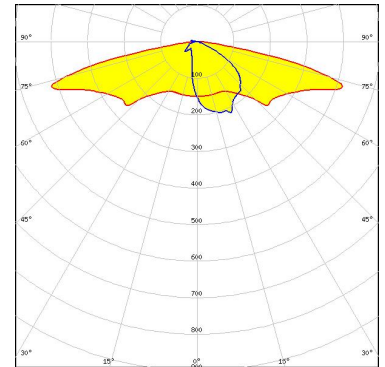
OPTICAL RESULTS (MEASURED):



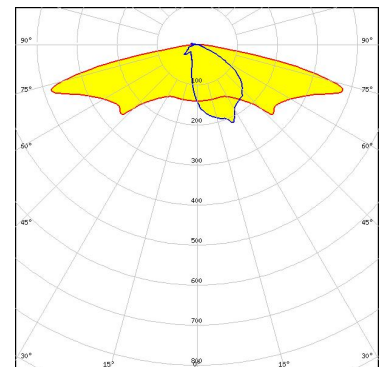
LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 69 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 81 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



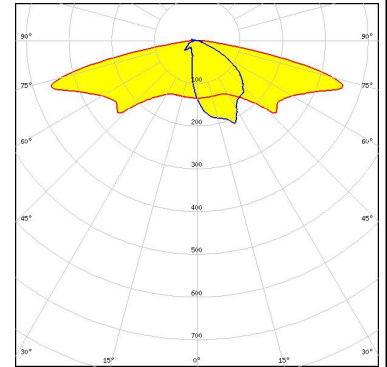
LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



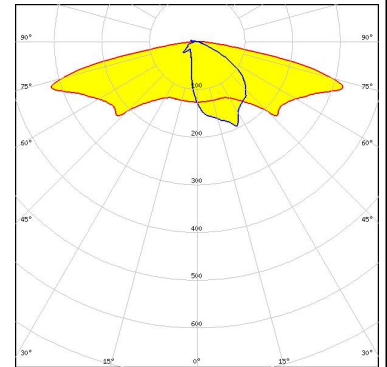
OPTICAL RESULTS (MEASURED):



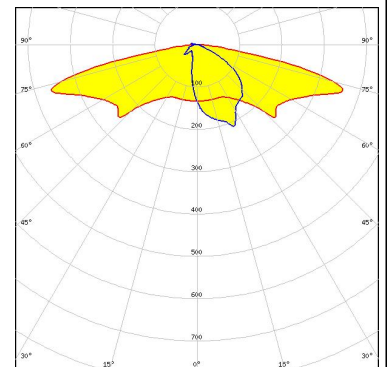
LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 73 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 68 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



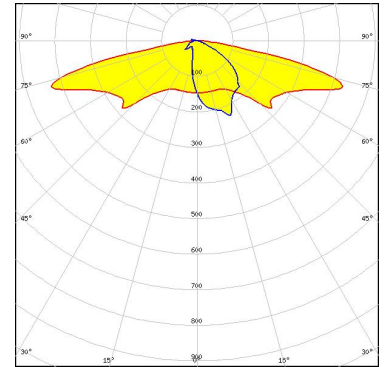
LED LUXEON 5050 Square LES
FWHM / FWTM Asymmetric
Efficiency 71 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



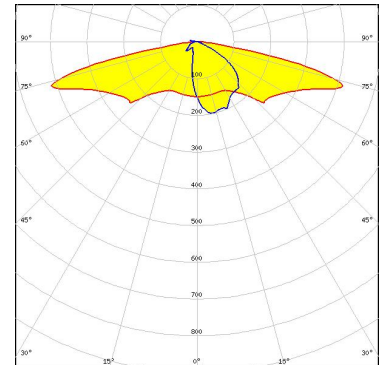
OPTICAL RESULTS (MEASURED):



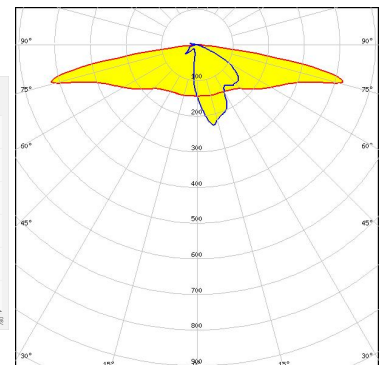
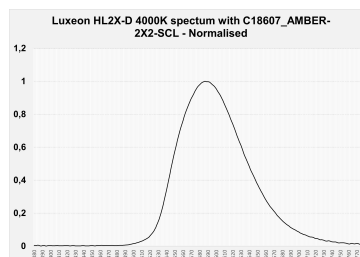
LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 79 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



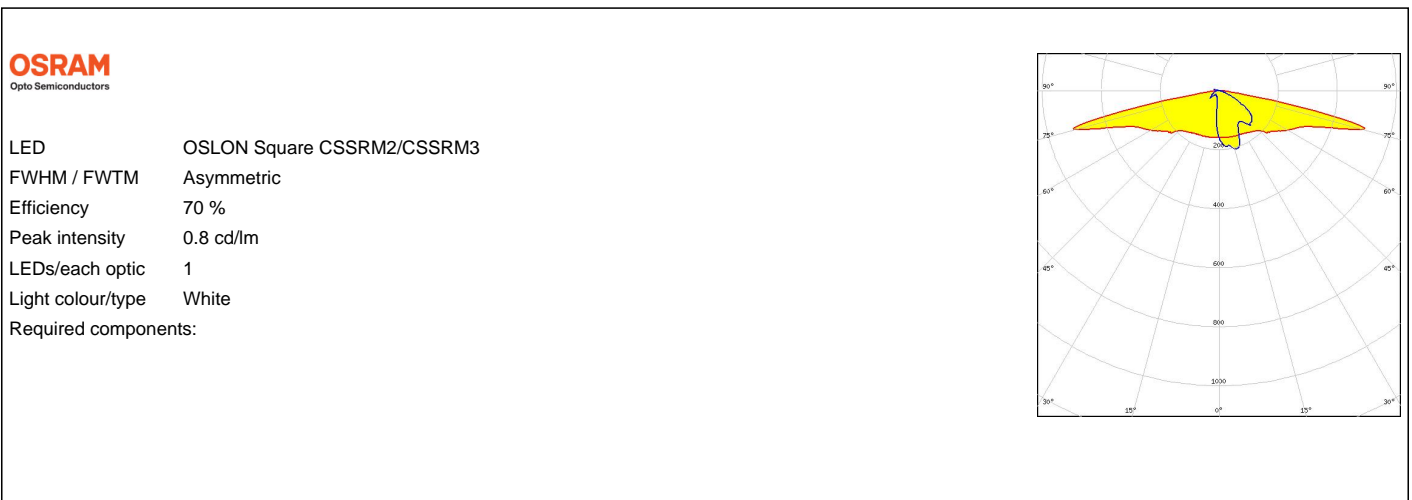
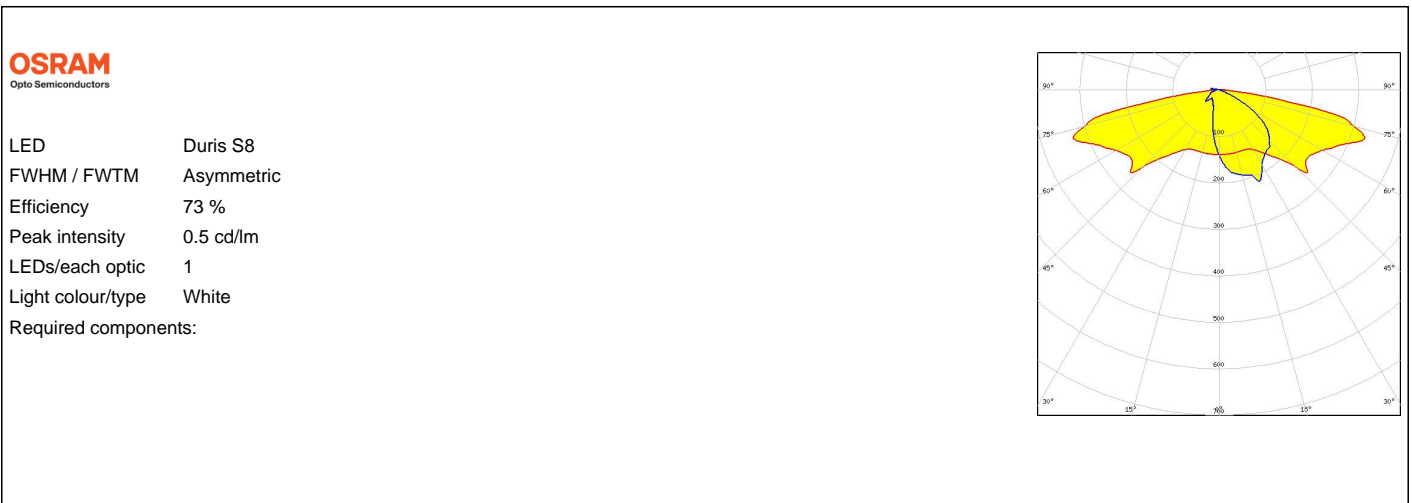
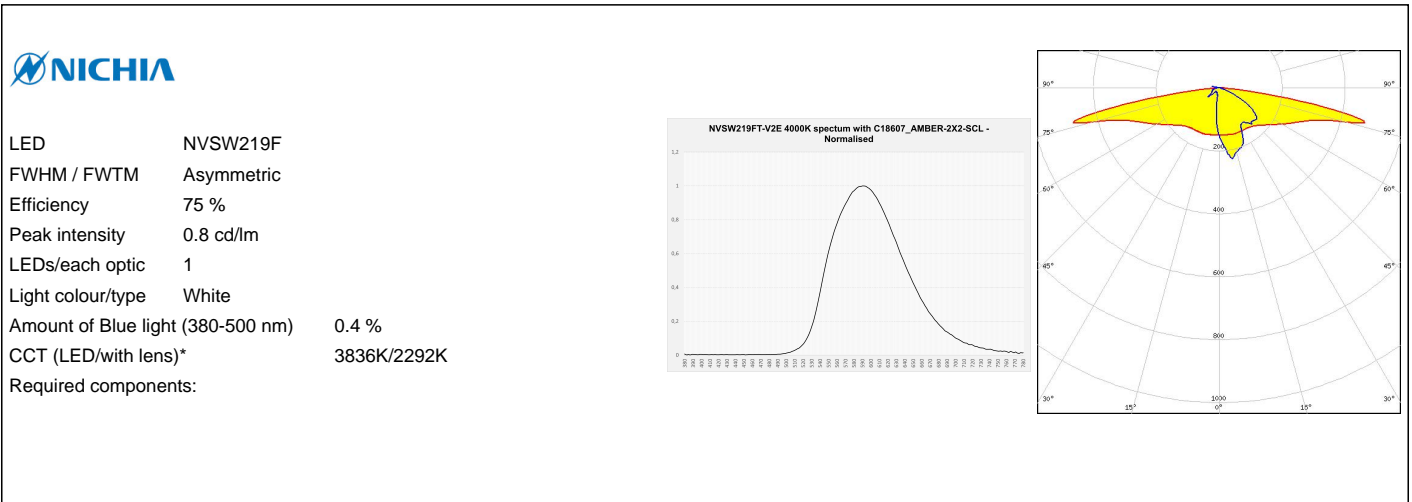
LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



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)* 3902K/2312K
 Required components:



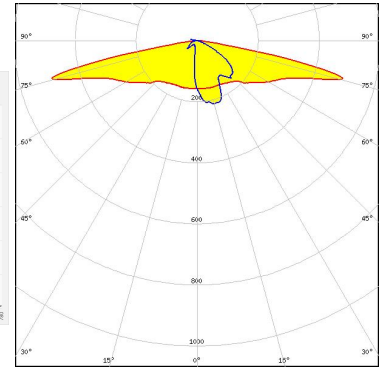
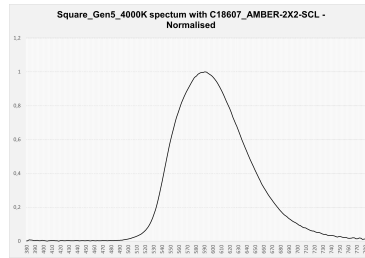
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (MEASURED):

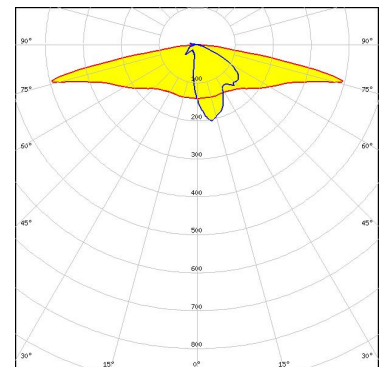
OSRAM
Opto Semiconductors

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)* 3898K/2279K
 Required components:



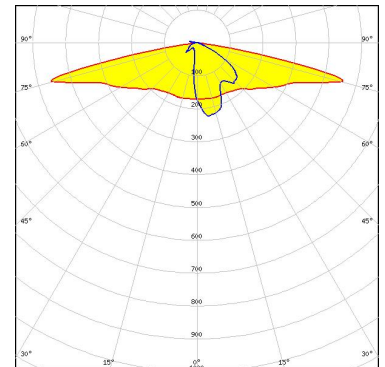
PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4+
 FWHM / FWTM Asymmetric
 Efficiency 68 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



PHILIPS

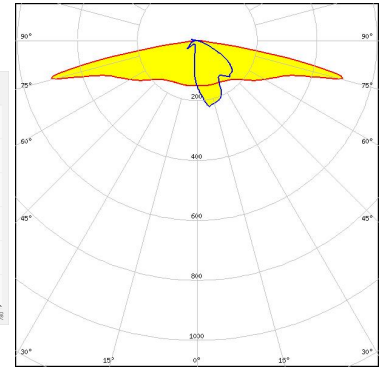
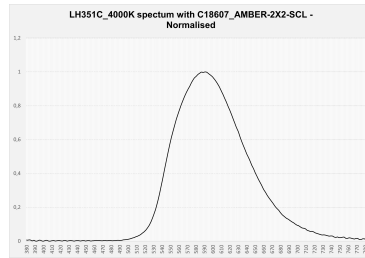
LED Fortimo FastFlex LED 2x8 DA G5
 FWHM / FWTM Asymmetric
 Efficiency 72 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



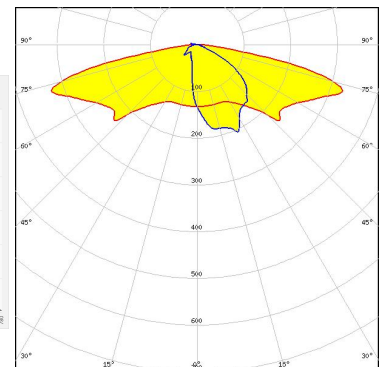
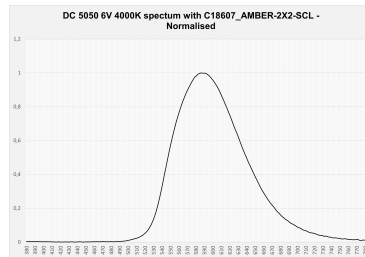
OPTICAL RESULTS (MEASURED):

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)* 3773K/2283K
Required components:



LED SEOUL DC 5050 6V
FWHM / FWTM Asymmetric
Efficiency 74 %
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)* 3995K/2279K
Required components:



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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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Distribution Partners

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