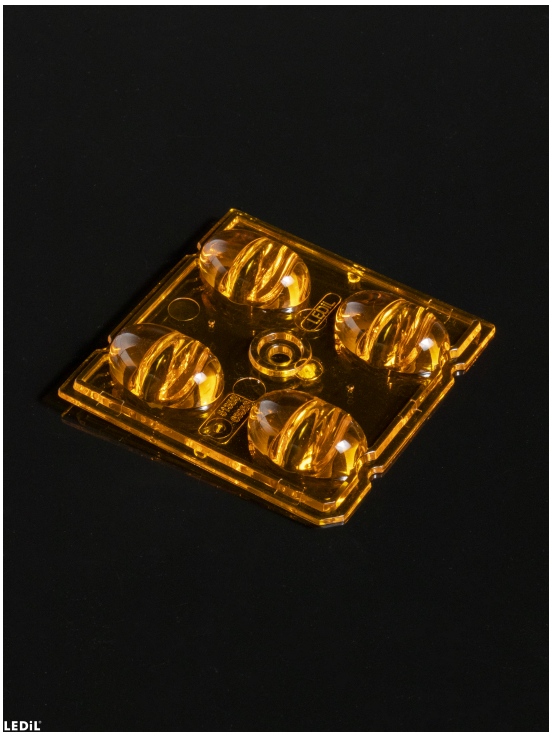
AMBER-2X2-T1

Symmetric IESNA Type I (medium) beam for narrow roads and paths with long pole distance and tilted armature.



SPECIFICATION:

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

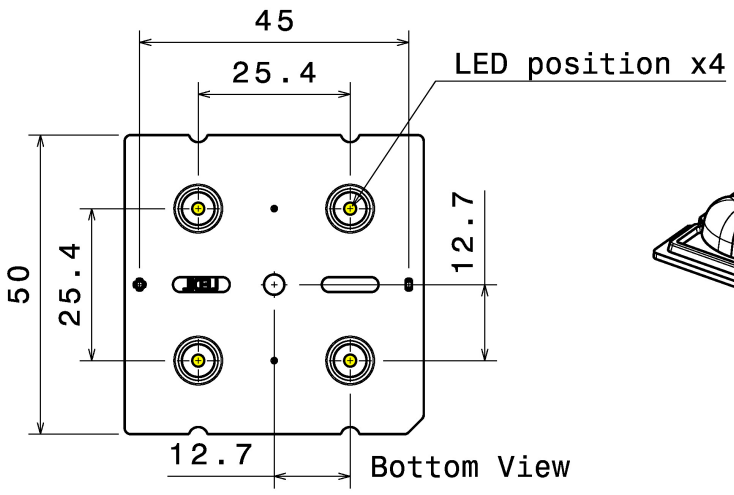
MATERIALS:

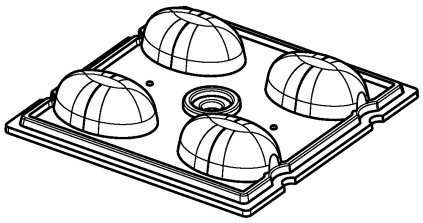
Component	Type	Material	Colour	Finish	Length (mm)
AMBER-2X2-T1	Multi-lens	PMMA	amber		

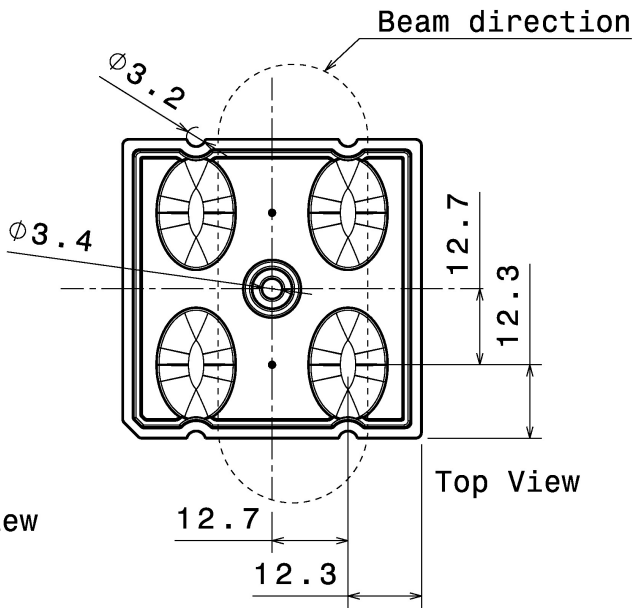
ORDERING INFORMATION:

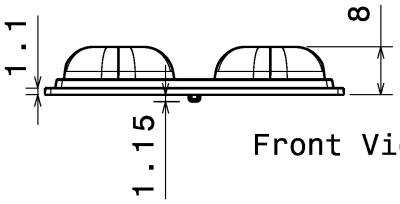
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18513_AMBER-2X2-T1	800	160	160	6.8
» Box size: 480 x 280 x 300 mm				

DATE
11.11.2022




Isometric View





PART	TYPE	MATERIAL	COLOR / COATING
C18513_AMBER-2X2-T1	LENS	PMMA	Amber

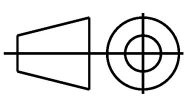
MECHANICAL DRAWING

PRODUCT
AMBER

LEDiL

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:



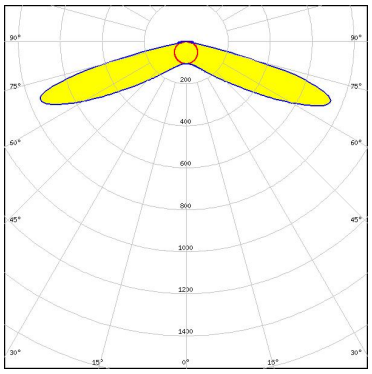
SCALE 1:1 | WEIGHT - | A4 SHEET 1/1

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

OPTICAL RESULTS (MEASURED):

CREE LEDs

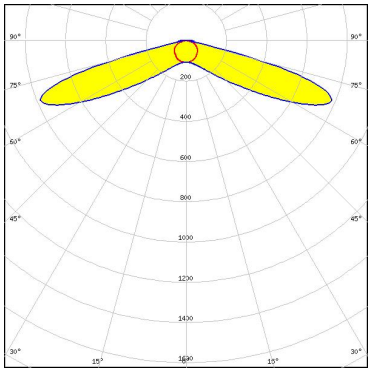
LED	J Series 5050B 6V K Class
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

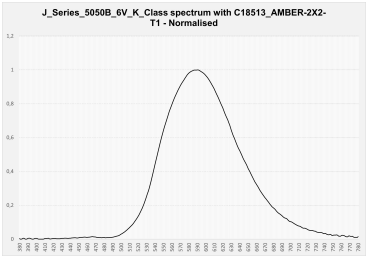
LED	J Series 5050B 6V K Class
FWHM / FWTM	Asymmetric
Efficiency	83 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

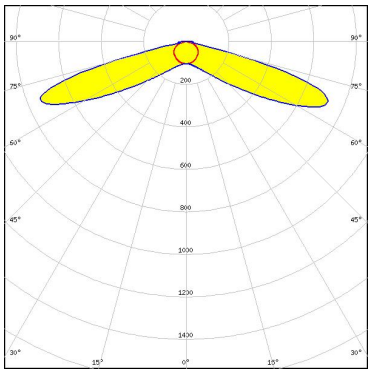


Light distribution files

CREE LEDs

LED	J Series 5050B 6V K Class
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	0.8 %
CCT (LED/with lens)*	3763K/2451K
Required components:	



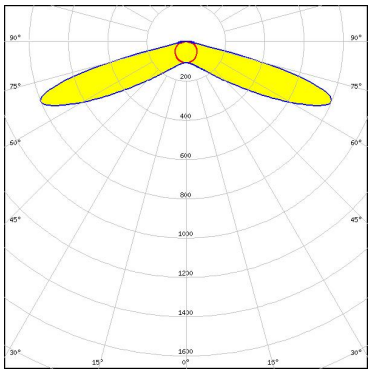


Light distribution files

OPTICAL RESULTS (MEASURED):

CREE LEDs

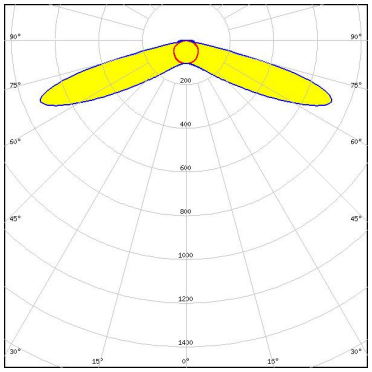
LED	J Series 5050B 6V K Class
FWHM / FWTM	Asymmetric
Efficiency	84 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

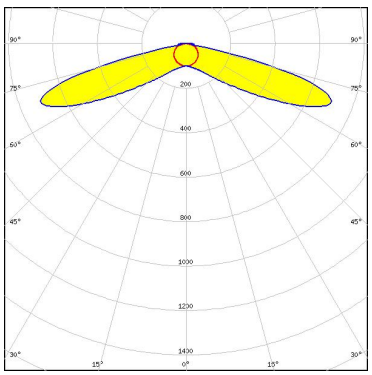
LED	J Series 5050B 6V K Class
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	J Series 5050C 6V E Class
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

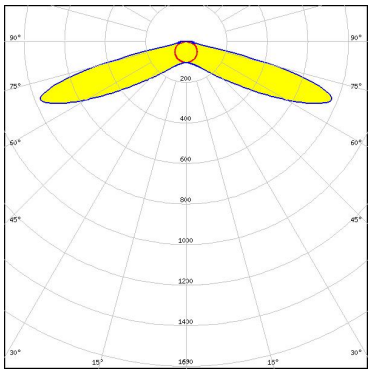


Light distribution files

OPTICAL RESULTS (MEASURED):

CREE LEDs

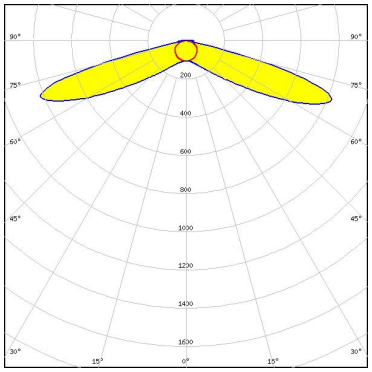
LED	J Series 5050C 6V E Class
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

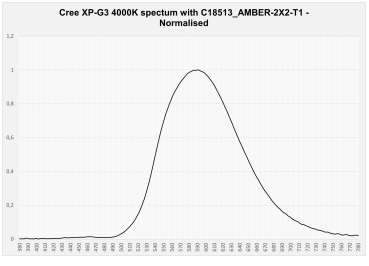
LED	J Series 5050C 6V E Class
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

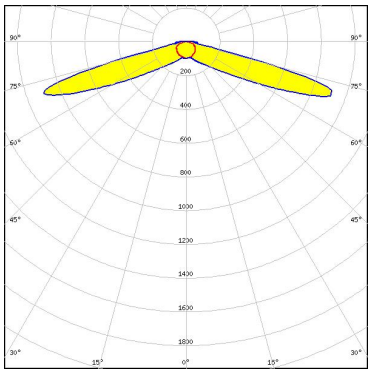


Light distribution files

CREE LEDs

LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	0.9 %
CCT (LED/with lens)*	3838K/2481K
Required components:	



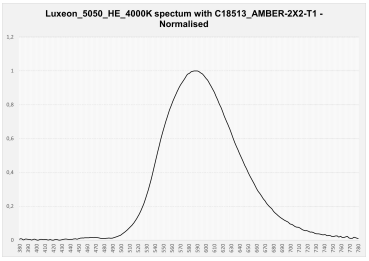


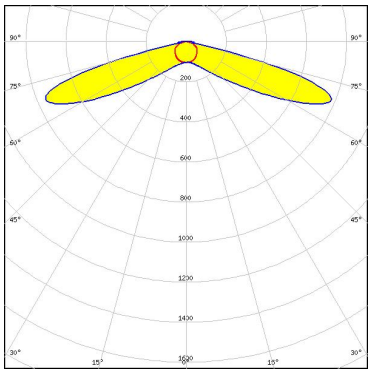
Light distribution files

OPTICAL RESULTS (MEASURED):

LUMILEDS

LED	LUXEON 5050 HE	
FWHM / FWTM	Asymmetric	
Efficiency	79 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.9 %
CCT (LED/with lens)*		3854K/2495K
Required components:		

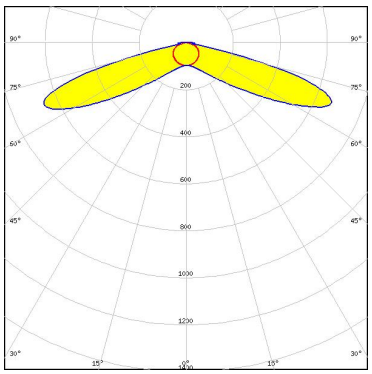




Light distribution files

LUMILEDS

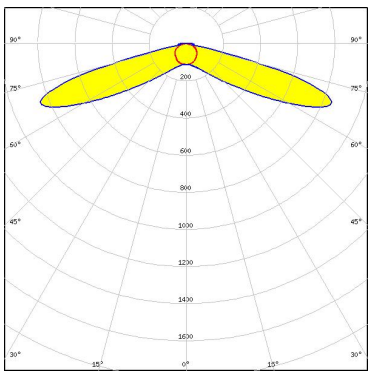
LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	75 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

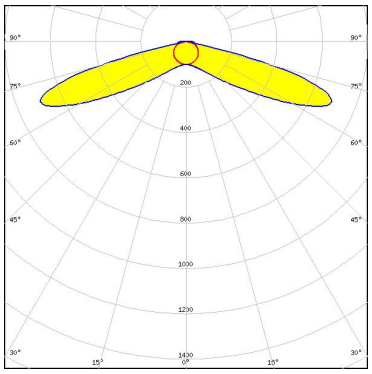


Light distribution files

OPTICAL RESULTS (MEASURED):

LUMILEDS

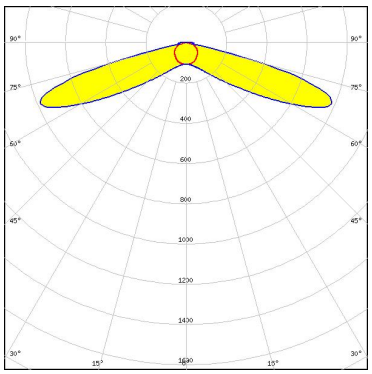
LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

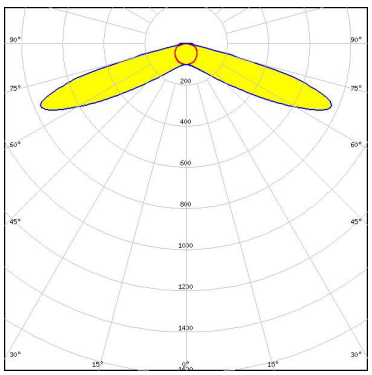
LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	83 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

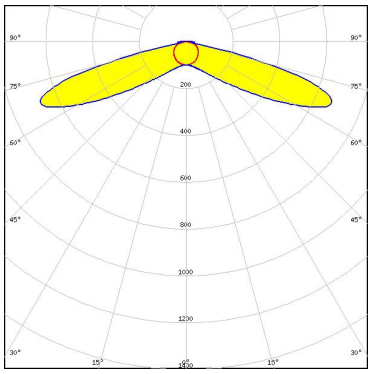


Light distribution files

OPTICAL RESULTS (MEASURED):

LUMILEDS

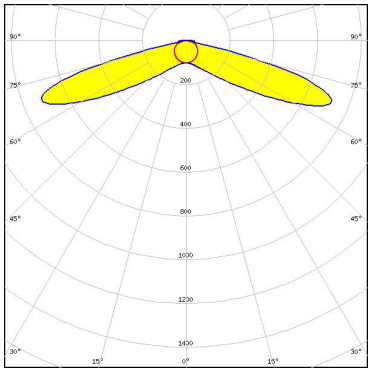
LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

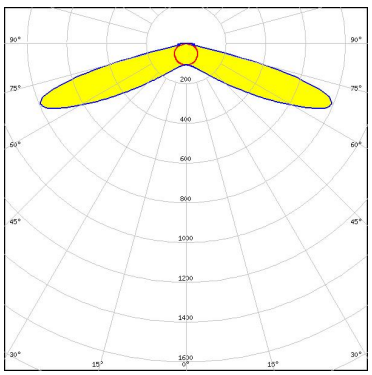
LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	84 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

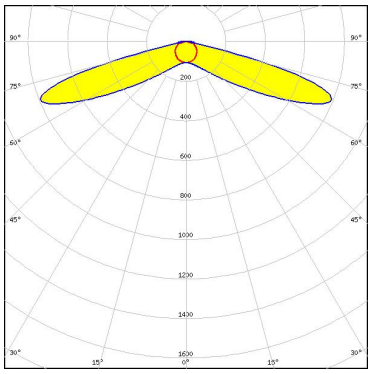


Light distribution files

OPTICAL RESULTS (MEASURED):

LUMILEDS

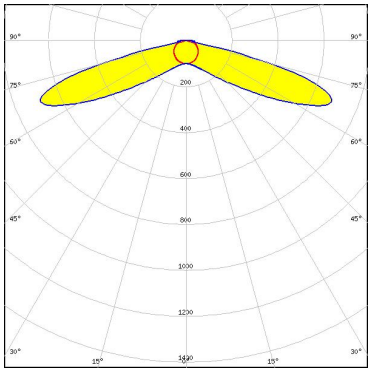
LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	81 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

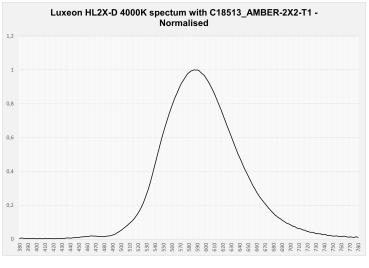
LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

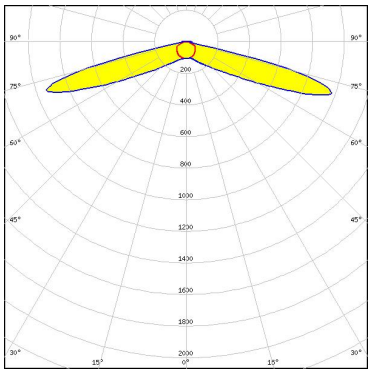


Light distribution files

LUMILEDS

LED	LUXEON HL2X-D
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Amount of Blue light (380-500 nm)	1.3 %
CCT (LED/with lens)*	3902K/2521K
Required components:	



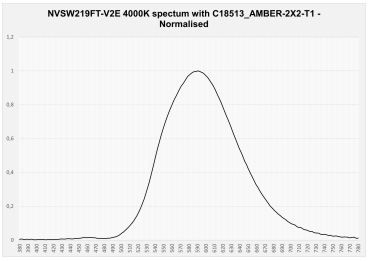


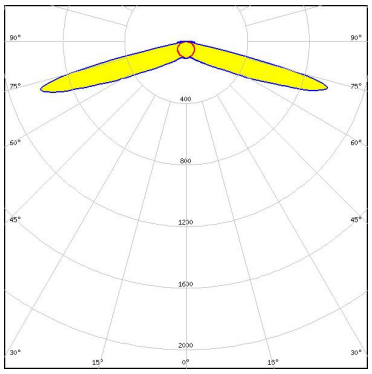
Light distribution files

OPTICAL RESULTS (MEASURED):

NICHIA

LED	NVSW219F	
FWHM / FWTM	Asymmetric	
Efficiency	80 %	
Peak intensity	1 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		1.0 %
CCT (LED/with lens)*		3836K/2496K
Required components:		

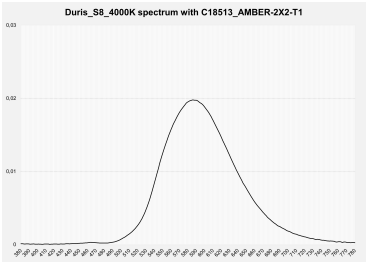


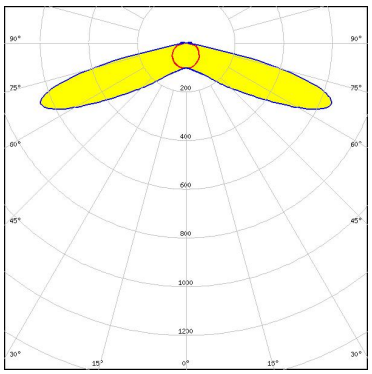


Light distribution files

OSRAM
Opto Semiconductors

LED	Duris S8	
FWHM / FWTM	Asymmetric	
Efficiency	79 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		1.0 %
CCT (LED/with lens)*		3846K/2481K
Required components:		

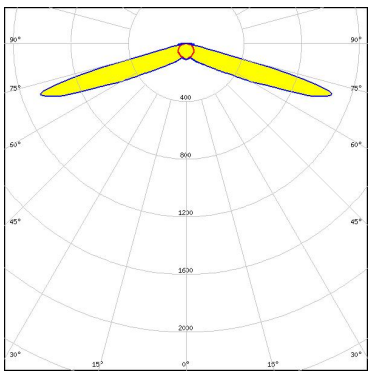




Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

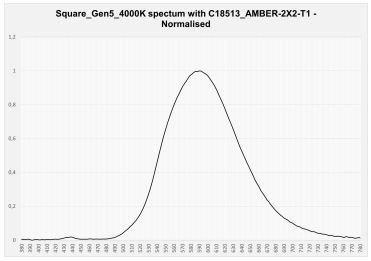


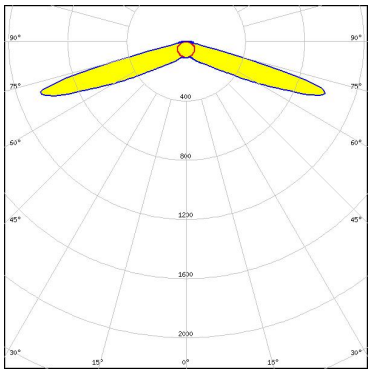
Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	Asymmetric	
Efficiency	79 %	
Peak intensity	1 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		1.0 %
CCT (LED/with lens)*		3898K/2484K
Required components:		

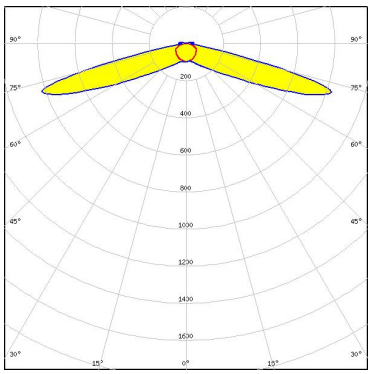




Light distribution files

PHILIPS

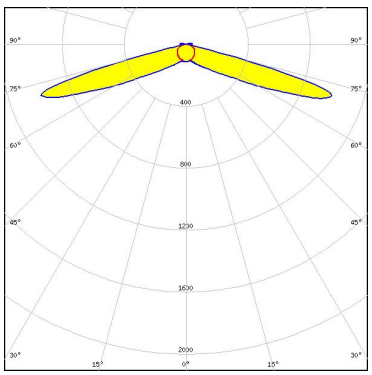
LED	Fortimo FastFlex LED 2x8 DA G4+
FWHM / FWTM	Asymmetric
Efficiency	75 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

PHILIPS

LED	Fortimo FastFlex LED 2x8 DA G5
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

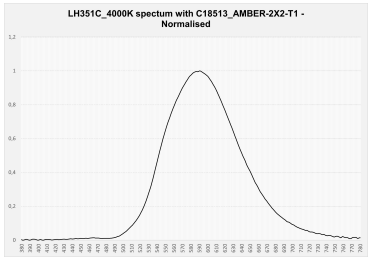


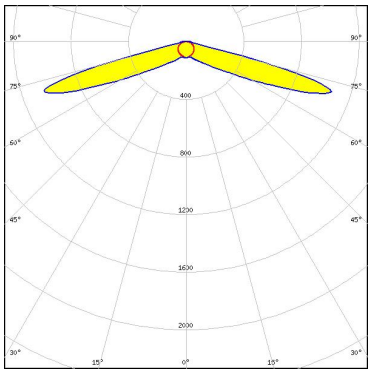
Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LH351C	
FWHM / FWTM	Asymmetric	
Efficiency	80 %	
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		0.9 %
CCT (LED/with lens)*		3773K/2492K
Required components:		

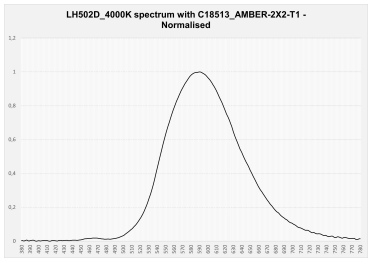


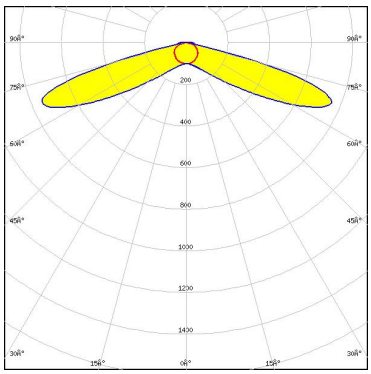


Light distribution files

SAMSUNG

LED	LH502D	
FWHM / FWTM	Asymmetric	
Efficiency	79 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		1.0 %
CCT (LED/with lens)*		3785K/2430K
Required components:		

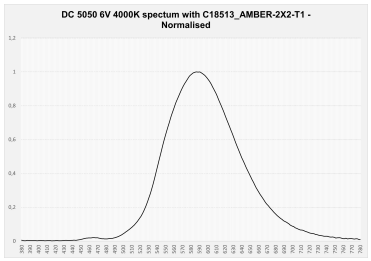


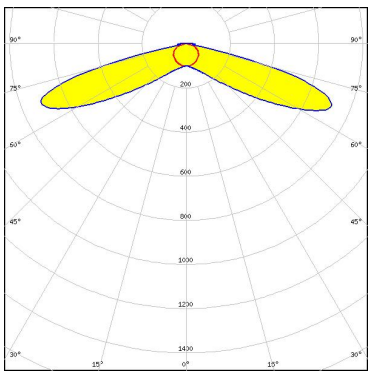


Light distribution files

SEOUL SEMICONDUCTOR

LED	SEOUL DC 5050 6V	
FWHM / FWTM	Asymmetric	
Efficiency	79 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		1.2 %
CCT (LED/with lens)*		3995K/2479K
Required components:		



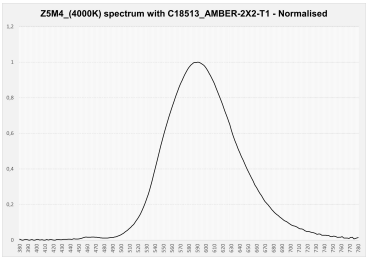


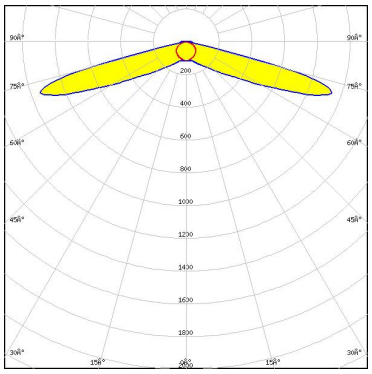
Light distribution files

OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

LED	Z5M4	
FWHM / FWTM	Asymmetric	
Efficiency	81 %	
Peak intensity	1 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Amount of Blue light (380-500 nm)		1.0 %
CCT (LED/with lens)*		3561K/2400K
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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