

PRODUCT DATASHEET C17410_SPORT-2X2-FT6

SPORT-2X2-FT6

Narrow forward throw beam with optimized cut-off for high masts

SPECIFICATION:

Dimensions	50.0 x 50.0
Height	11 mm
Fastening	screw
ROHS compliant	yes 🛈



MATERIALS:

Component	Туре	Material	Colour	Finish	Length (mm)
SPORT-2X2-FT6	Multi-lens	PMMA	clear		

ORDERING INFORMATION:

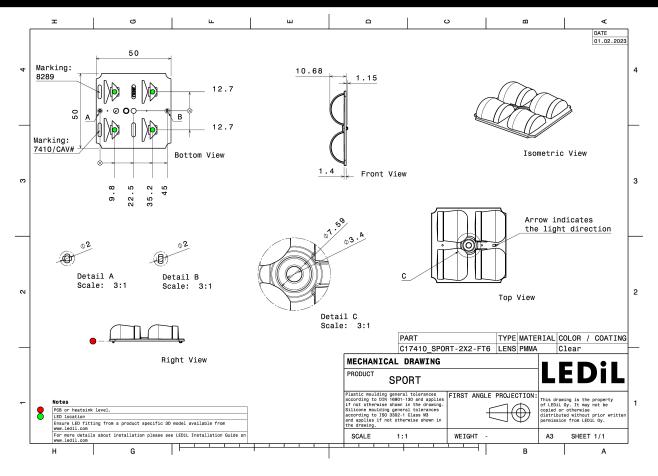
Component

C17410_SPORT-2X2-FT6 » Box size: 480 x 280 x 300 mm

Qty in box	MOQ	MPQ	Box weight (kg)
640	128	128	8.8



PRODUCT DATASHEET C17410_SPORT-2X2-FT6



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



OPTICAL RESULTS (MEASURED):

LUMILEDS LUXEON 5050 Square LES LED FWHM / FWTM Asymmetric Efficiency 95 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM Opto Semiconductore LED OSCONIQ C 3030 FWHM / FWTM Asymmetric Efficiency 95 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LED PassivePAQ-R-222x50.OS1.9.7K-750-5 V1.0 FWHM / FWTM Asymmetric Efficiency 96 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files

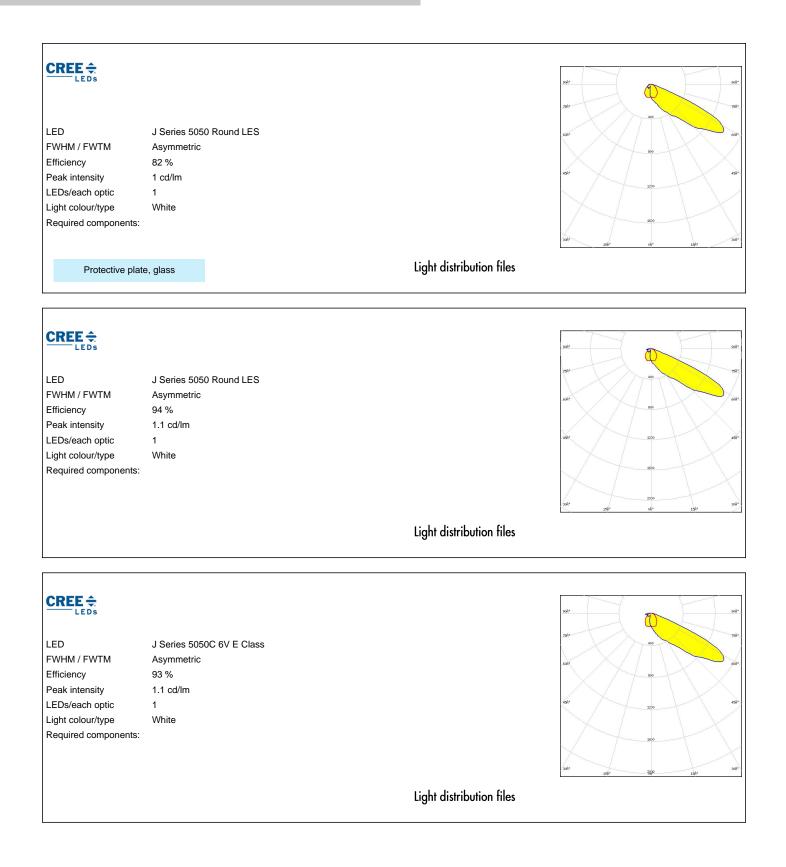


OPTICAL RESULTS (MEASURED):

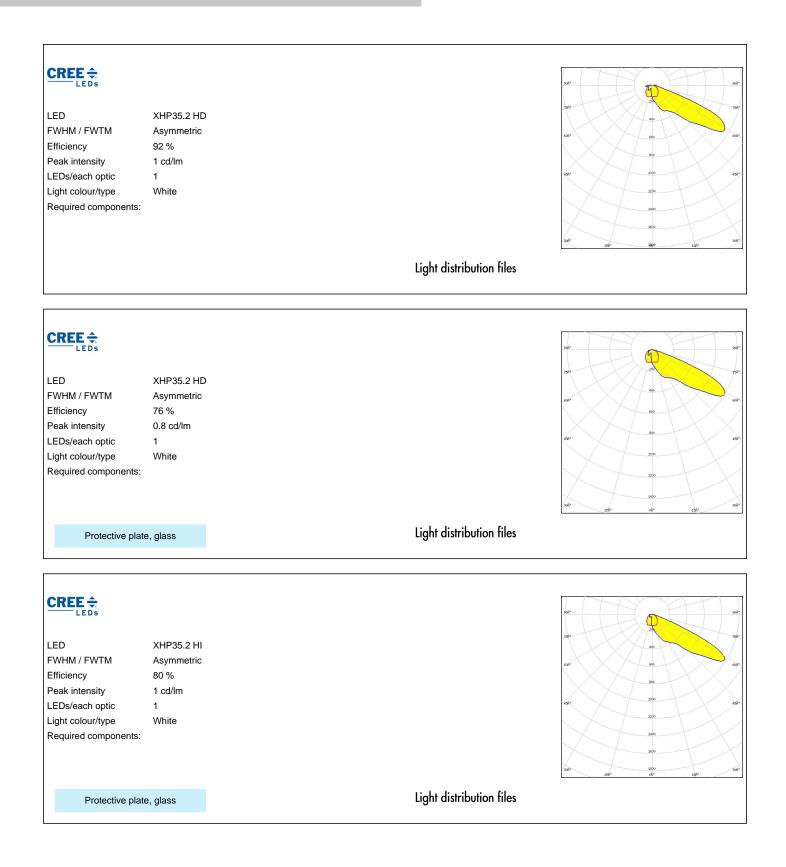
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		The the
LED	PassivePAQ-R-274x51-NI0-21K-857-5	288* 400 758*
FWHM / FWTM	Asymmetric	
Efficiency	95 %	000
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	. 45%
Light colour/type	White	
Required compone	nts:	2000 2007 2007 2007 2007 2007 2007
	Light di	istribution files

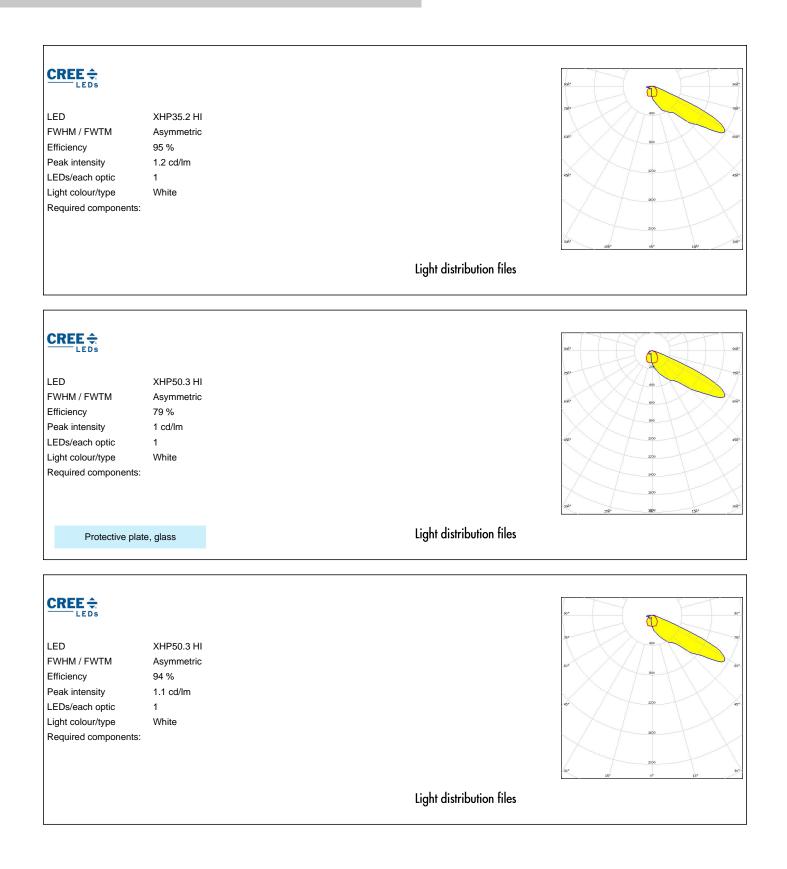




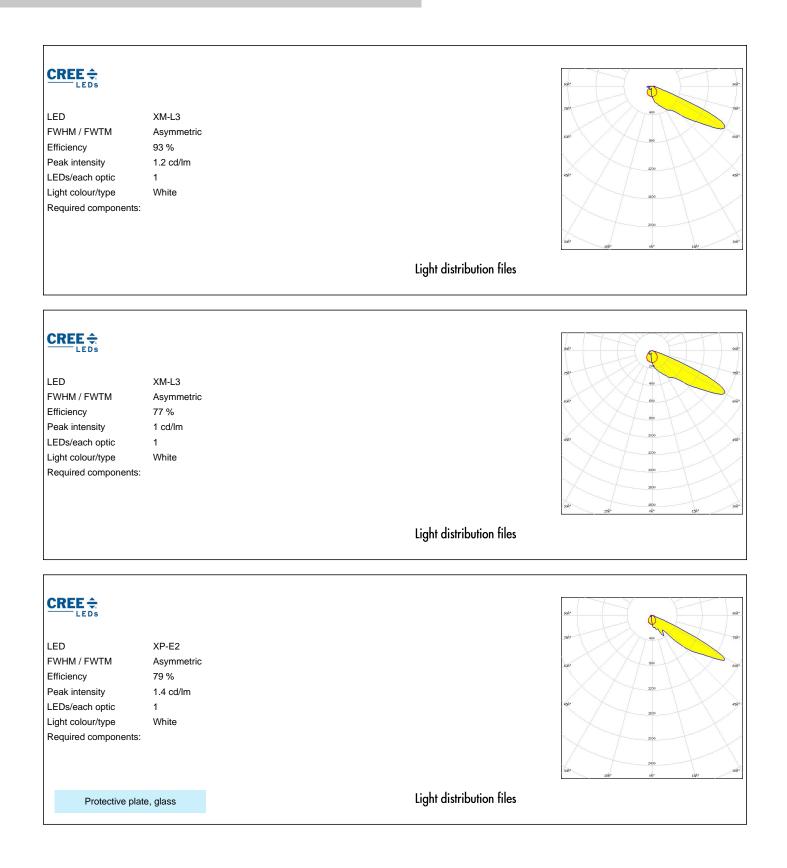




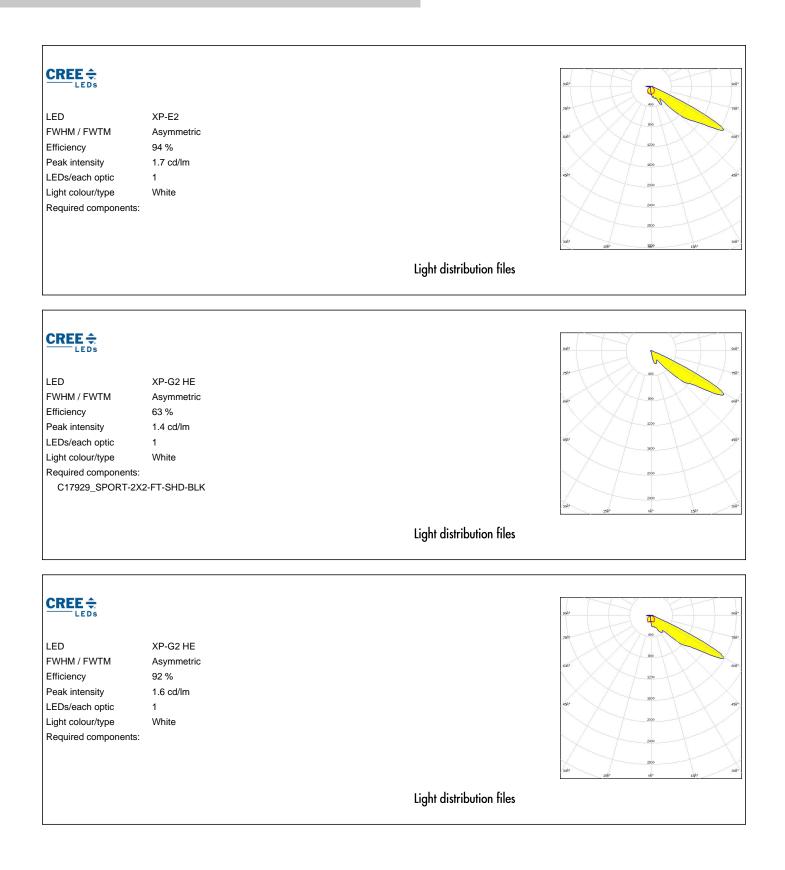




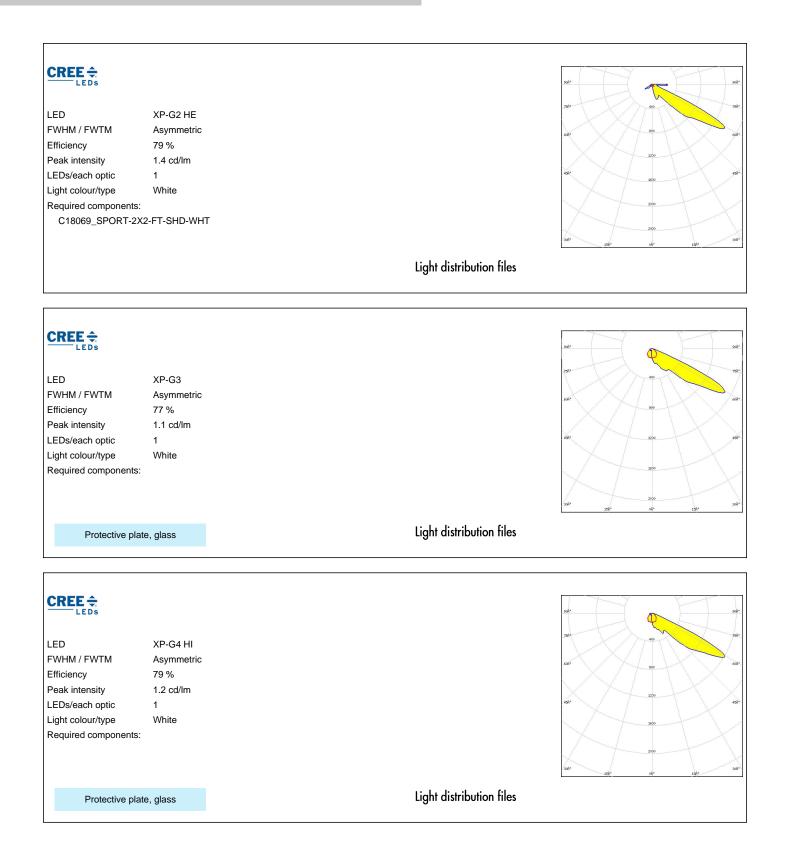








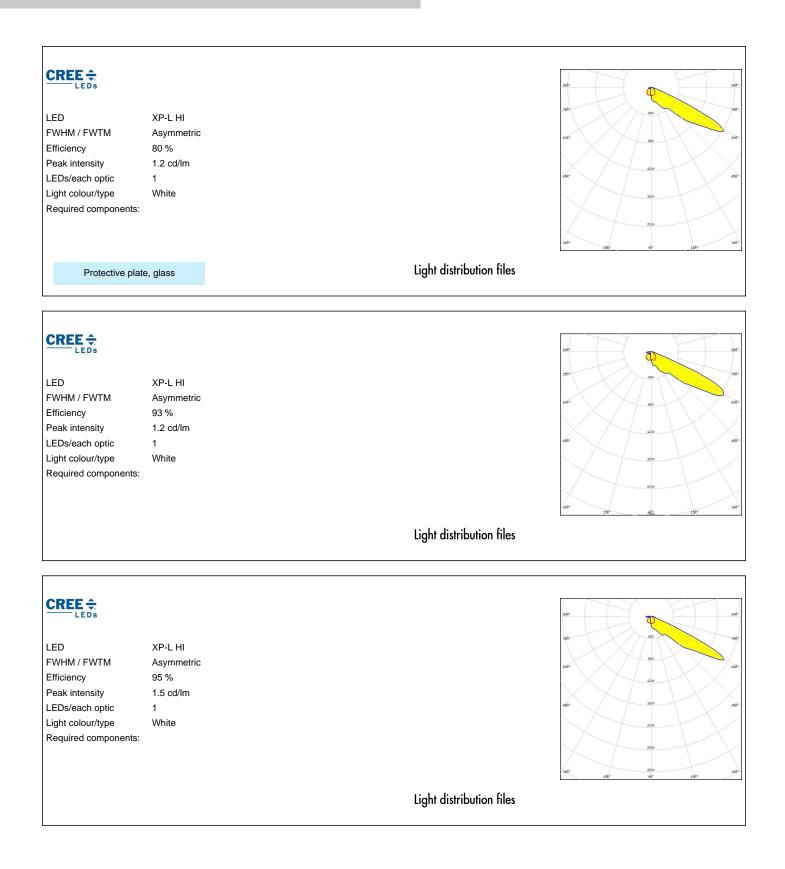




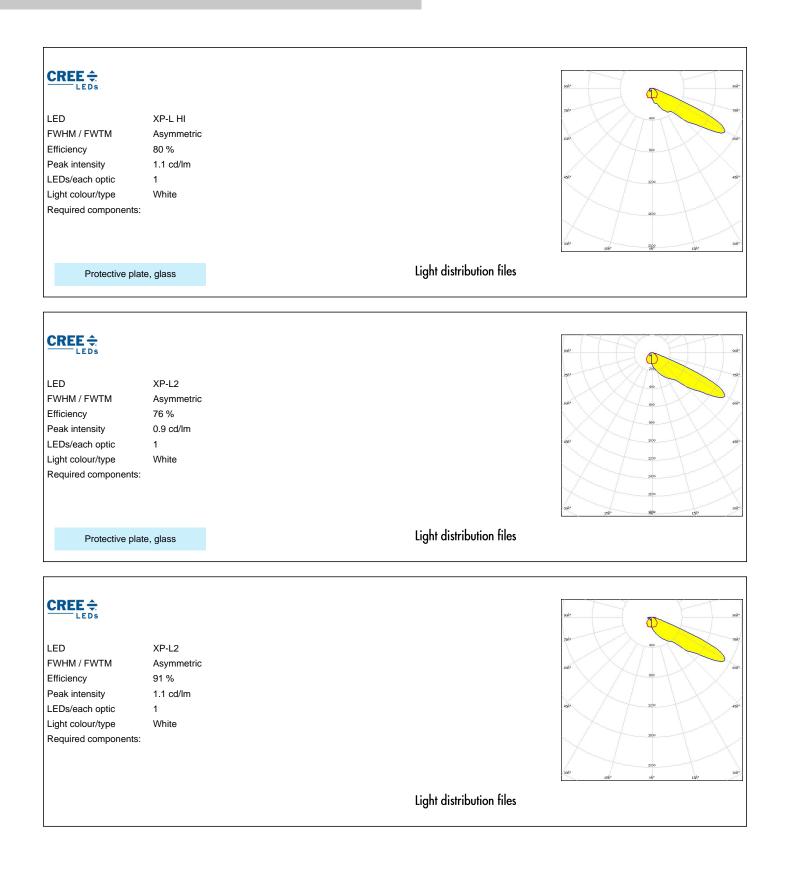


CREE ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XP-G4 HI Asymmetric 94 % 1.5 cd/lm 1 White	
		Light distribution files
CREE C LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XP-L HD Asymmetric 79 % 1 cd/lm 1 White	Light distribution files
CREECS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XP-L HD Asymmetric 94 % 1.2 cd/lm 1 White	
		Light distribution files

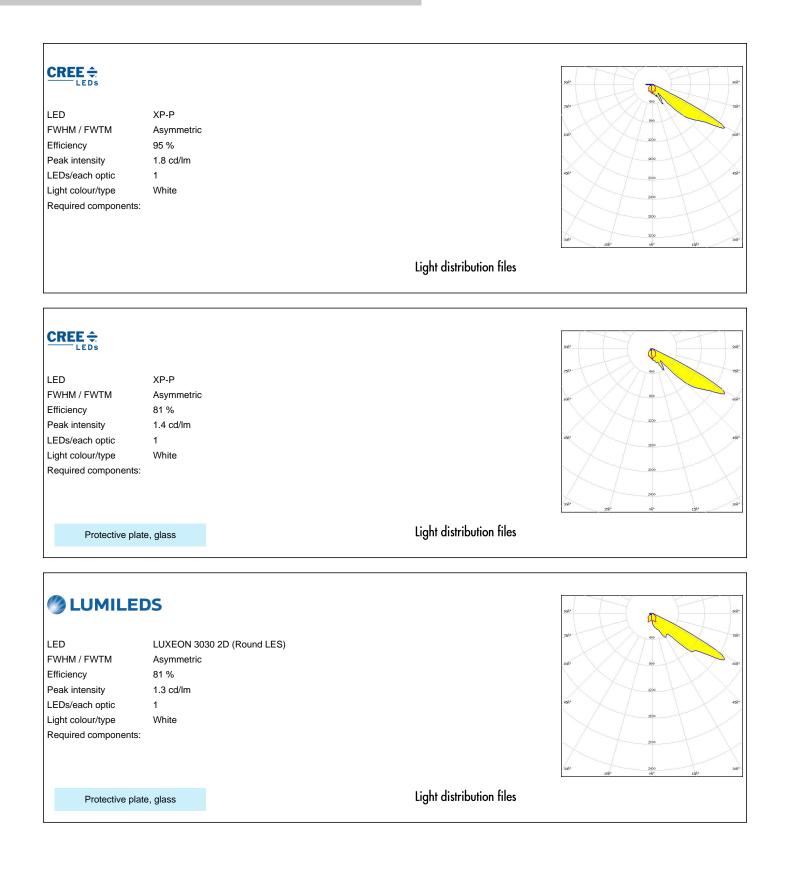




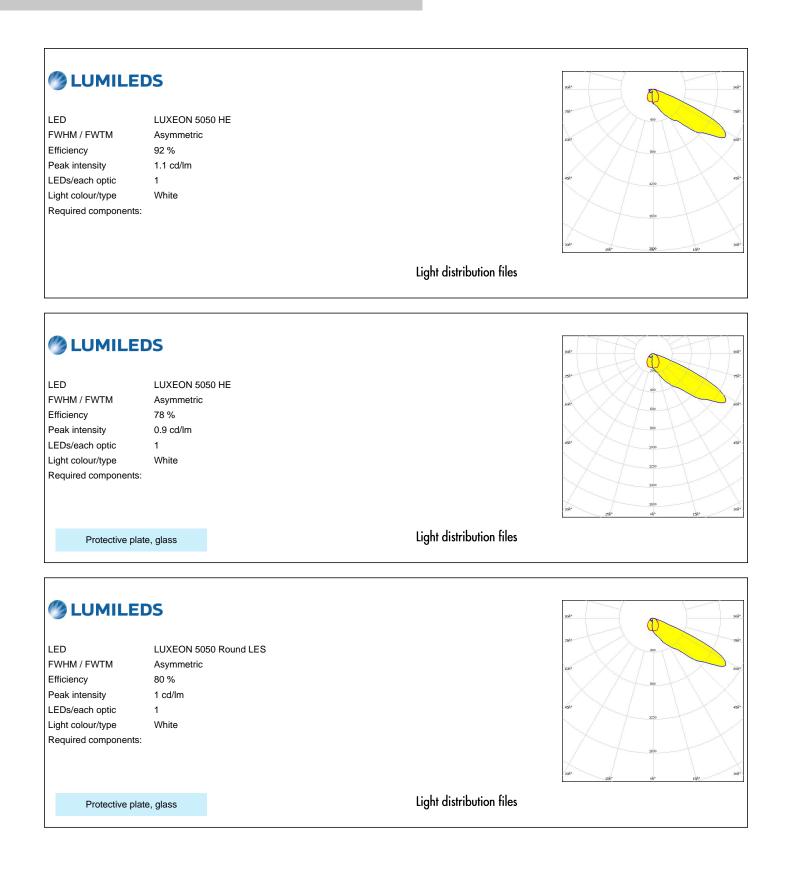












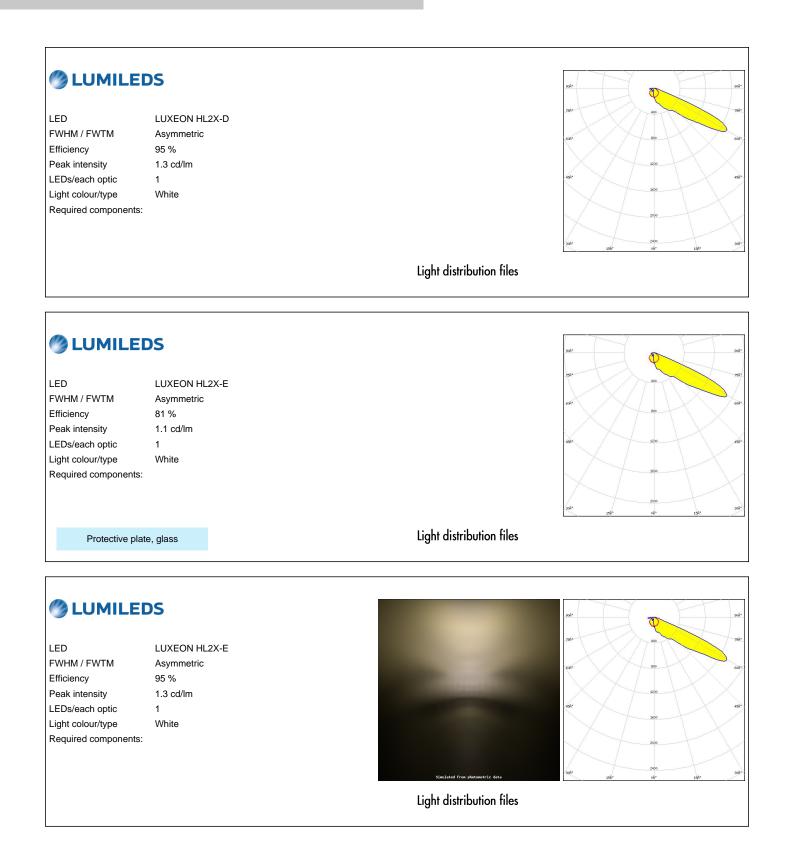


LUMILEDS I FD LUXEON 5050 Square LES FWHM / FWTM Asymmetric Efficiency 76 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour/type White Required components: C18069_SPORT-2X2-FT-SHD-WHT Light distribution files LUMILEDS LUXEON 5050 Square LES I FD FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUXEON 5050 Square LES LED FWHM / FWTM Asymmetric Efficiency 59 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour/type White Required components: C17929_SPORT-2X2-FT-SHD-BLK Light distribution files





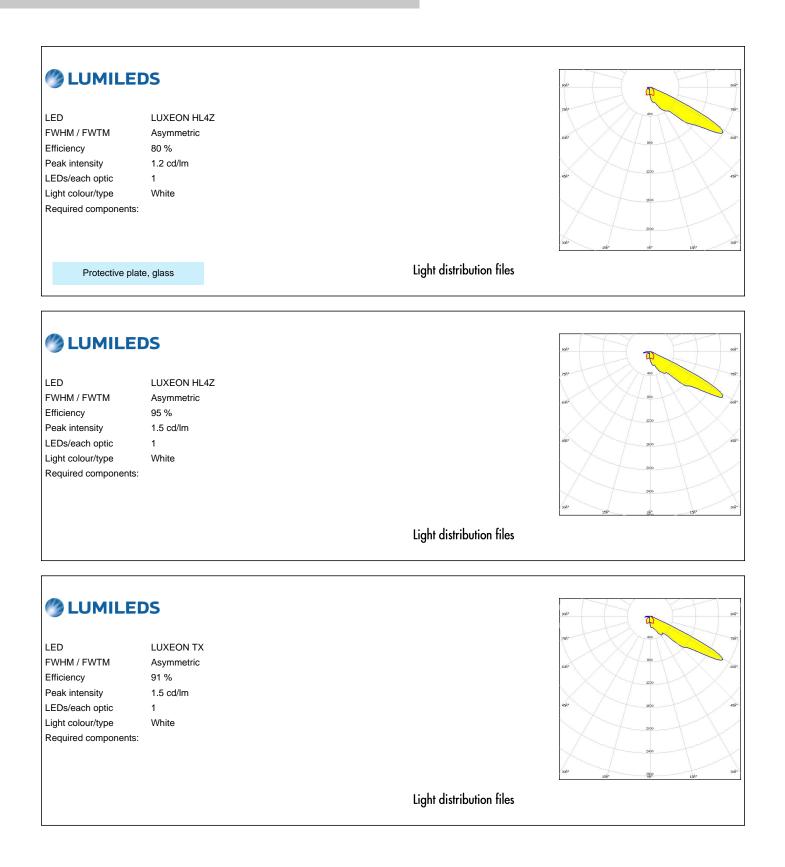




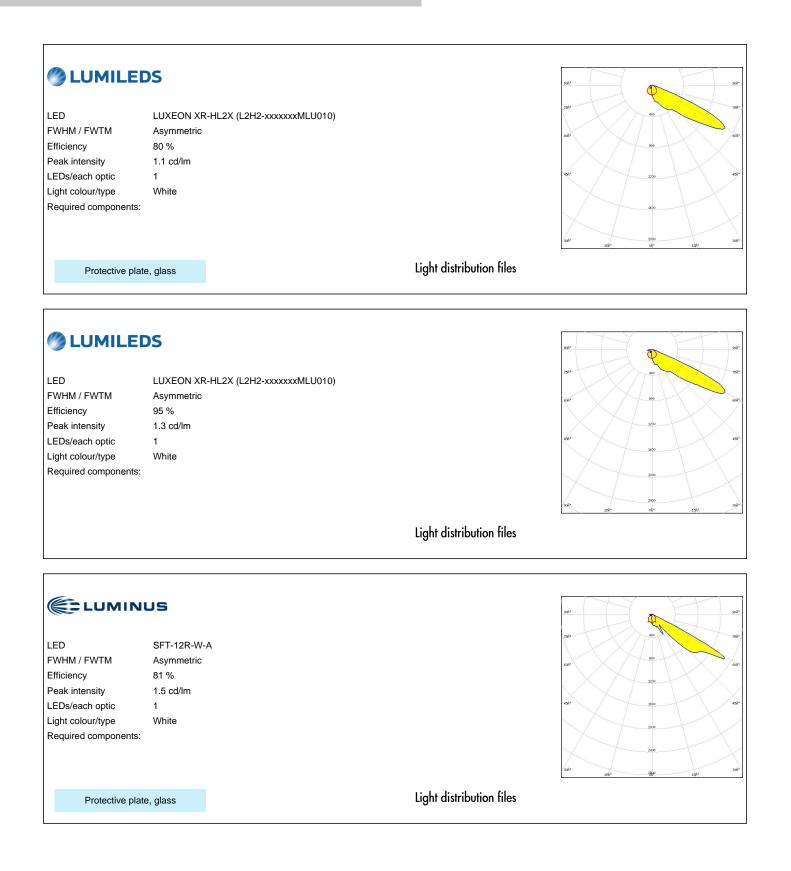


LUMILEDS I FD LUXEON HL2X-P FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUMILEDS LUXEON HL4X I FD FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUXEON HL4X LED FWHM / FWTM Asymmetric Efficiency 79 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files Protective plate, glass



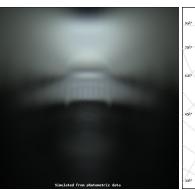


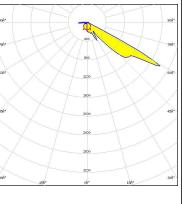






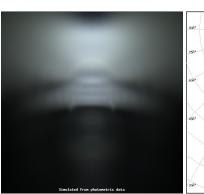
LED	SFT-12R-W-A
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

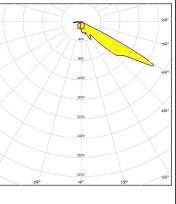


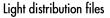


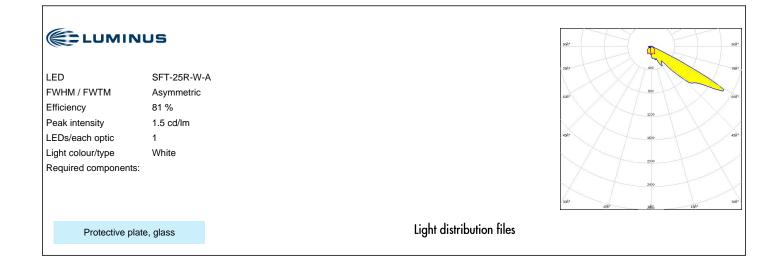
Light distribution files

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: SFT-25R-W-A Asymmetric 95 % 1.8 cd/lm 1 White

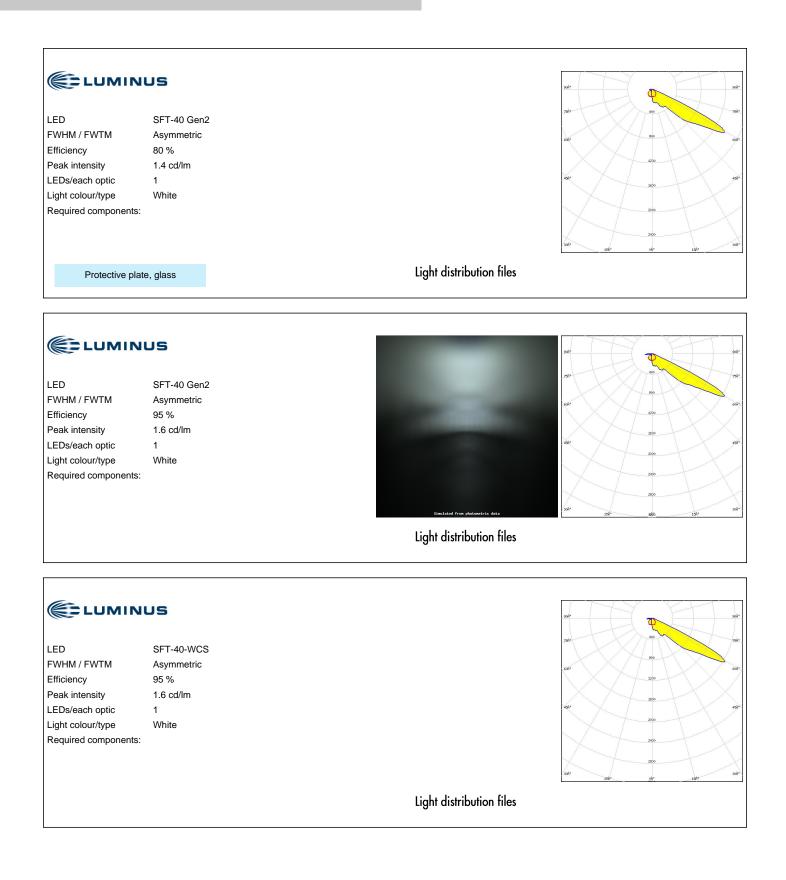










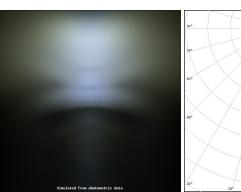


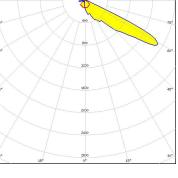


	IUS		84*
LED	SFT-70X-WCS		75%* 400
FWHM / FWTM	Asymmetric		
Efficiency	95 %		- Jow
Peak intensity	1.4 cd/lm		1200
LEDs/each optic	1		458* 1000
Light colour/type	White		
Required components	:		
			200
			30Å* 12Å* 3Å* 12Å*
		Light distribution files	
	IUS		900°
LED	SST-20 Gen1		25%*
FWHM / FWTM	Asymmetric		swith Bio
Efficiency	80 %		
Peak intensity	1.3 cd/lm		1220
LEDs/each optic	1		40% ·
Light colour/type	White		X/T/X
Required components	:		2000
			2000 - 20
Protective pla	ate, glass	Light distribution files	
	IUS		26
LED	SST-20 Gen1		
FWHM / FWTM	Asymmetric		still ^a
Efficiency	53 %		\times
Peak intensity	1.2 cd/lm		1200
LEDs/each optic	1		
Light colour/type	White		1000
Required components			\times
C17929_SPORT-2	л2-г 1-ЭН Л- ВГИ		3000 3000 1580 080 1580
		Light distribution files	

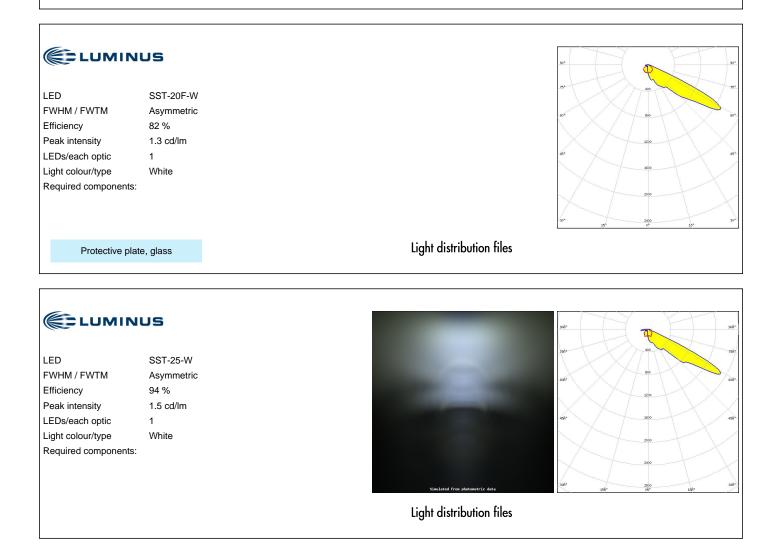


LED	SST-20F-W
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files



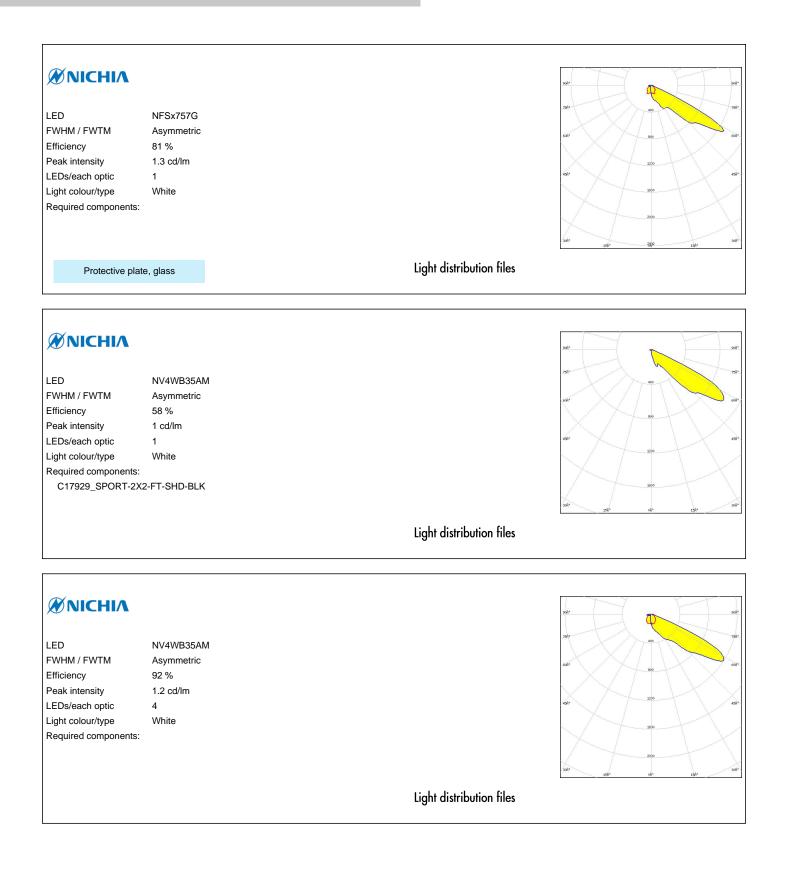


	s	90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	SST-25-W Asymmetric 80 % 1.3 cd/lm 1 White	
Protective plate	, glass	Light distribution files
Contraction Contra	SST-36F-W Asymmetric 95 % 1.3 cd/lm 1 White	studed free platemetric dats Fight distribution files
	JS	8*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	SST-36F-W Asymmetric 81 % 1.1 cd/lm 1 White	
Protective plate	, glass	Light distribution files

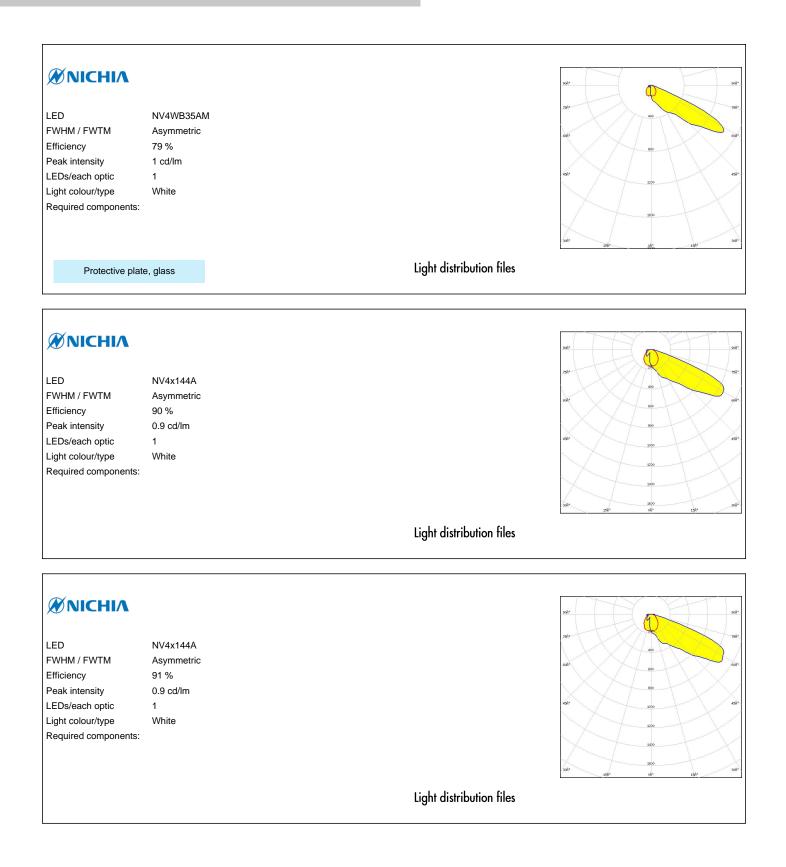


	US	A A A A A A A A A A A A A A A A A A A
LED	SST-70X-WCS	750 400
FWHM / FWTM	Asymmetric	
Efficiency	94 %	. AN 80
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	4\$** 1200
Light colour/type	White	\times
Required components:		1507
		2008 - 2009 2009 - 0619 - 12814
		Light distribution files
		96 ¹⁰
LED FWHM / FWTM	SST-70X-WCS	
	Asymmetric 79 %	sal* co
Efficiency Peak intensity	0.9 cd/lm	90
LEDs/each optic	1	rate 5000
Light colour/type	' White	
Required components:		1200
		502
		1500 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 -
Protective plat	e, glass	Light distribution files
MICHIΛ		
LED	NF2x757G	758* 40
FWHM / FWTM	Asymmetric	
Efficiency	81 %	
Peak intensity	1.3 cd/lm	120
LEDs/each optic	1	
Light colour/type	White	
Required components:		
		2020
		308° 258° 360 128°

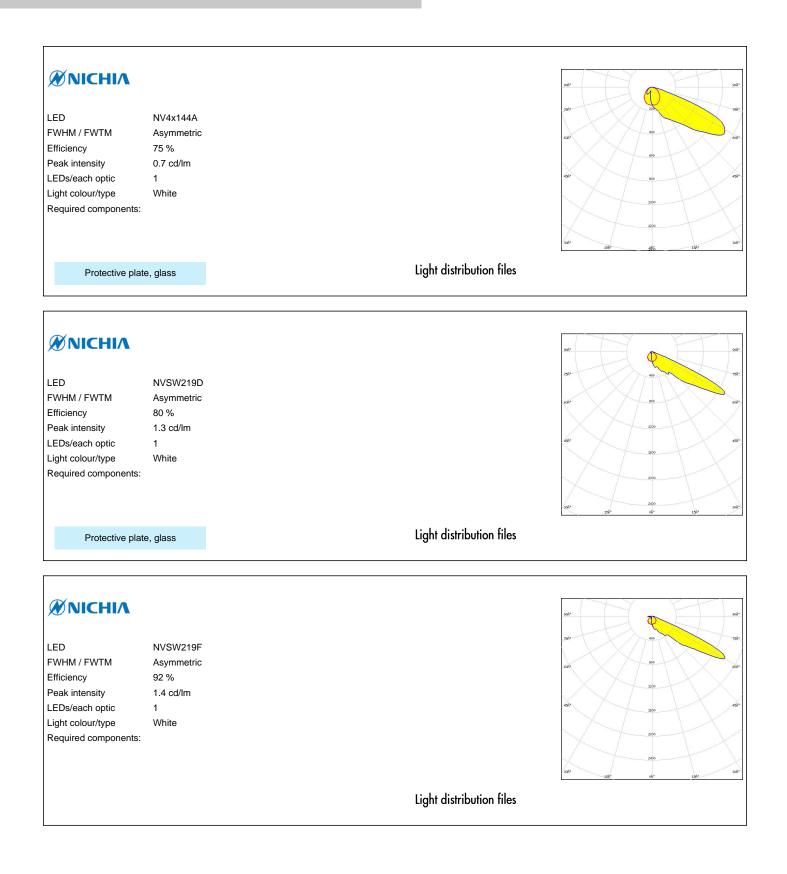




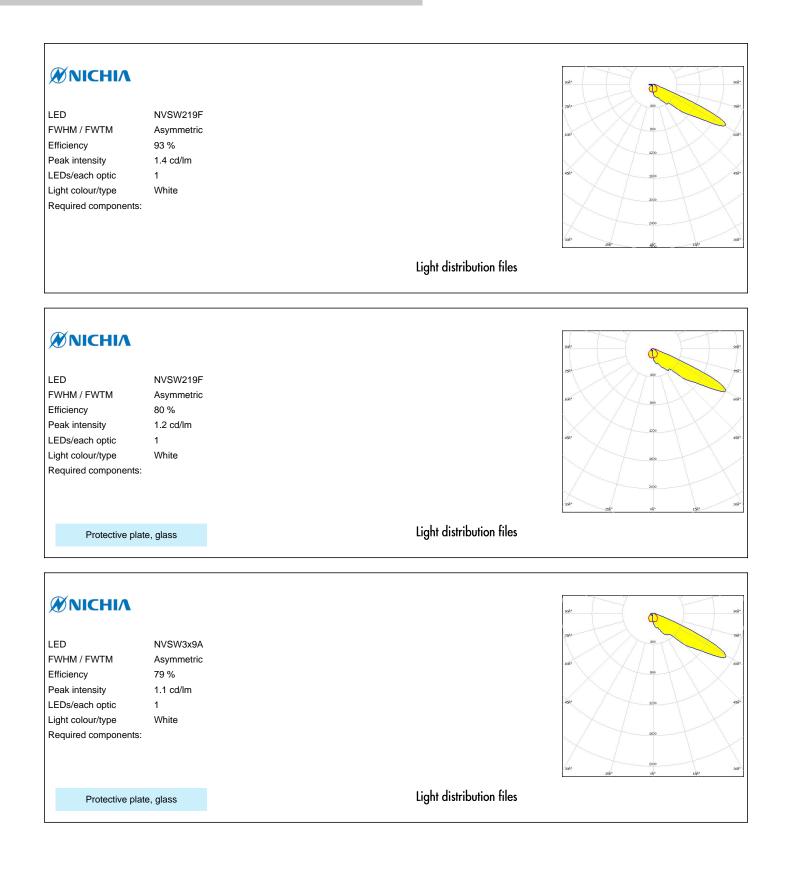




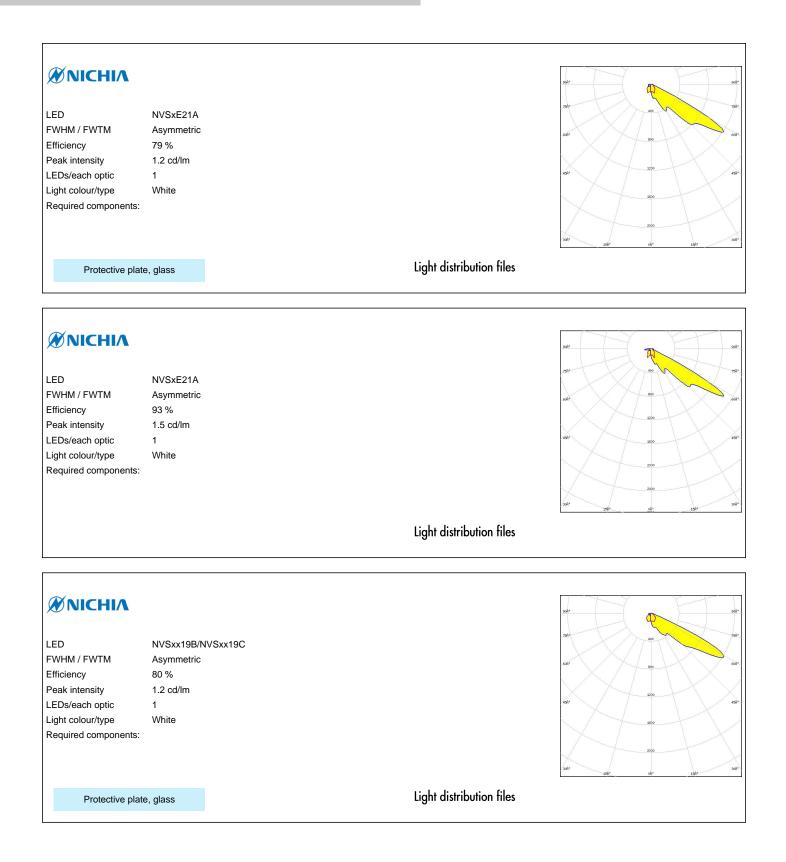




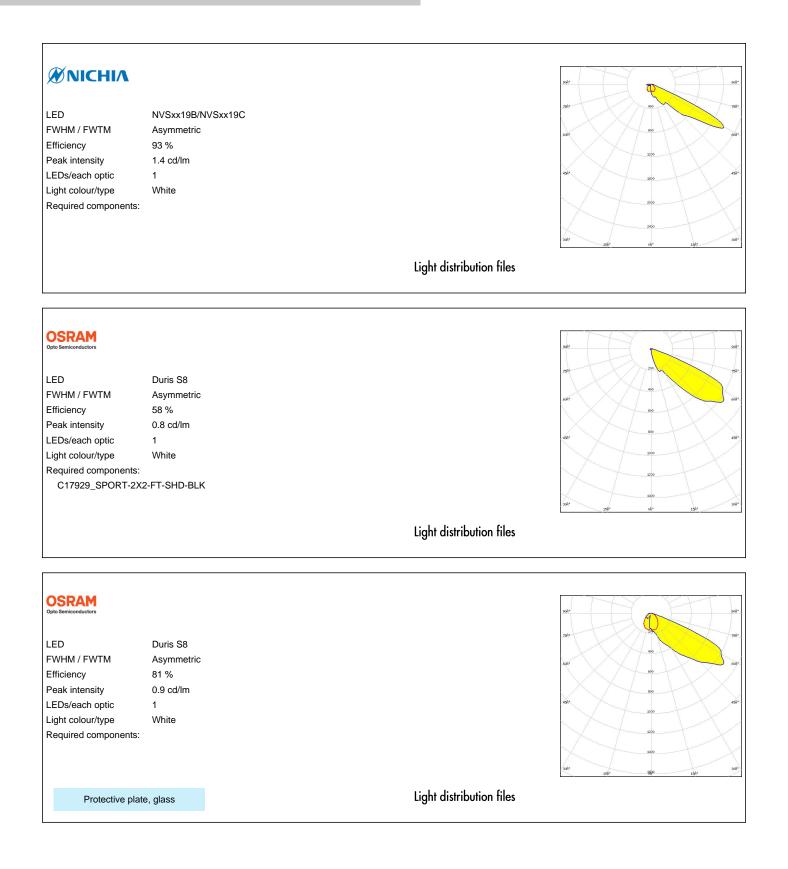








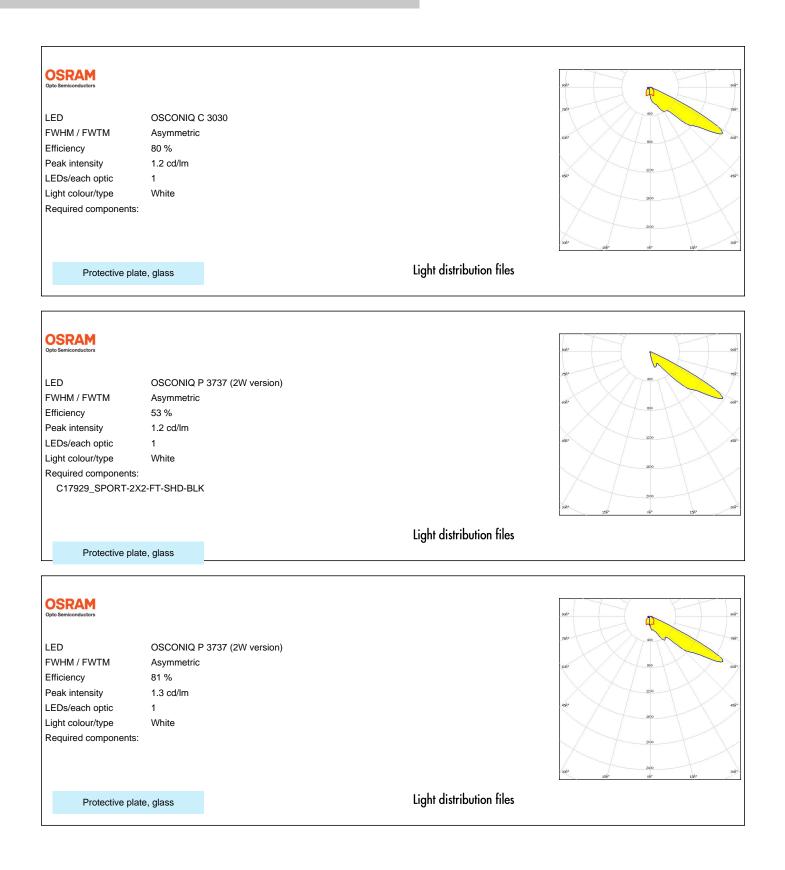






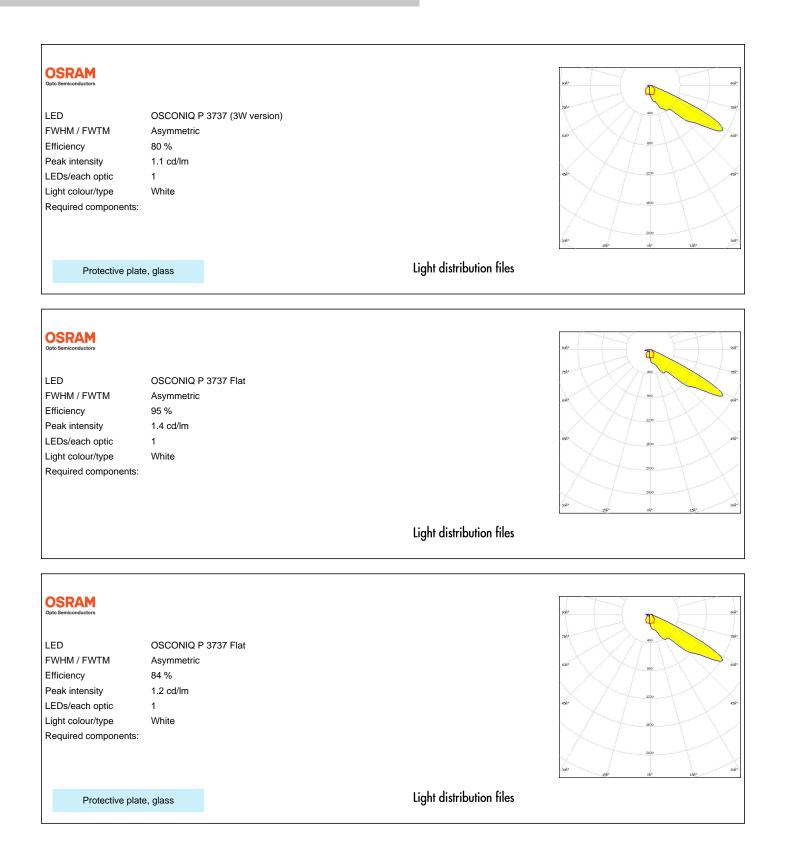
OSRAM Opto Semiconductors	Duris S8 Asymmetric 92 % 1 cd/lm 1 White	
		Light distribution files
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: C18069_SPORT-2X:	Duris S8 Asymmetric 75 % 0.9 cd/lm 1 White 2-FT-SHD-WHT	
		Light distribution files
OSRAM Opto Semiconductors LED FWHM / FWTM	OSCONIQ C 3030 Asymmetric	96 ⁴ 1751-
Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	95 % 1.5 cd/lm 1 White	
		Light distribution files





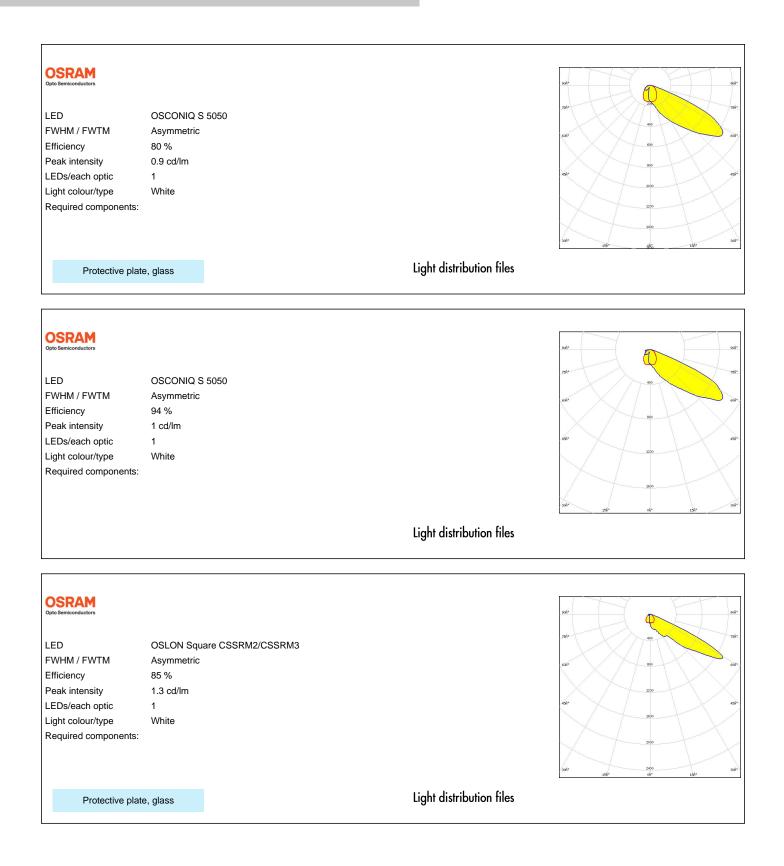
Last update: 07/05/2025Subject to change without prior noticePublished: 07/07/2020LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.35/50





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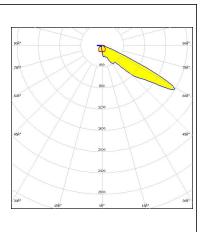


OBLEMING Sequence Flat FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.6 cd/m LEDs/each optic 1 Light clour/type White Required components: Light distribution files	Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSLON Square CSSRM2/CSSRM3 Asymmetric 91 % 1.5 cd/lm 1 White	94° 750° 660° 129 -299 -2
LED OSLON Square Flat FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.6 cd/m LEDs/each optic 1 Light colour/type White Required components: LED OSLON Square Flat FWHM / FWTM Asymmetric Efficiency 84 % Peak intensity 1.4 cd/m LEDs/each optic 1 Light colour/type White Required components:			Light distribution files
opto Semiconductors SLON Square Flat FWHM / FWTM Asymmetric Efficiency 84 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour/type White Required components:	opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	Asymmetric 94 % 1.6 cd/lm 1	
2000 2010 - 2010 - 2010	opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	Asymmetric 84 % 1.4 cd/lm 1	

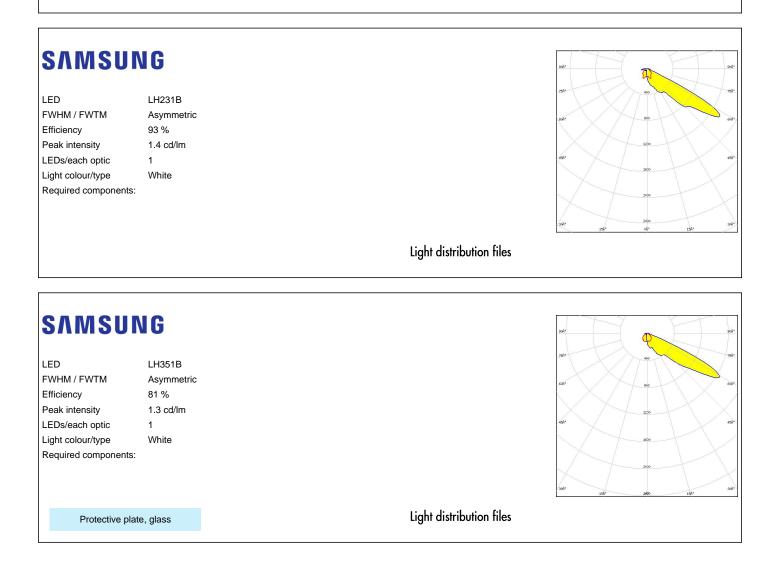


OSRAM Opto Semiconductors

LED	OSTAR Projection Compact (KW.CSLNM1.TG)
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



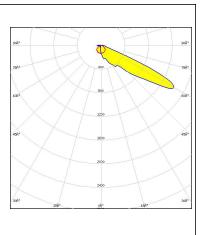
Light distribution files



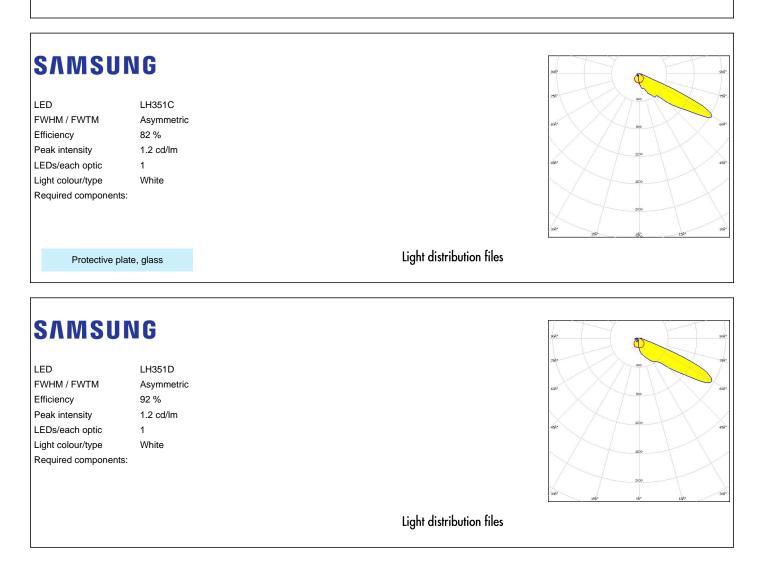


SAMSUNG

LED	LH351C
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



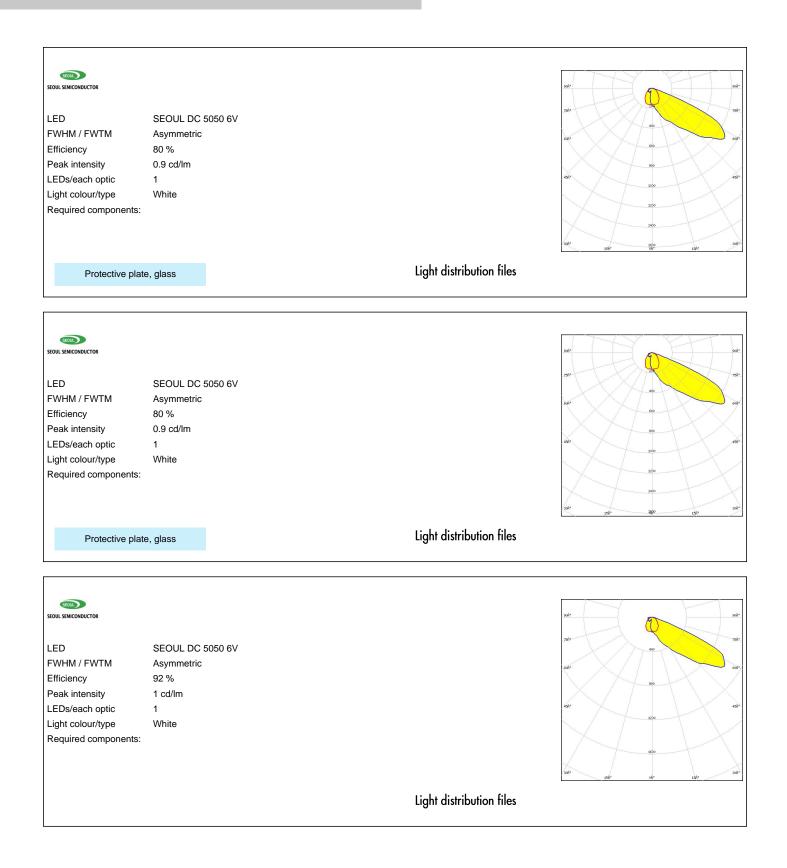


SAMSUNG LED UB31D PVMM / FVTM Asymmetric Efficiency 00% Peak intensity 1 cubin LBDseach optic 1 Light colour/type White Required components: LED LIGOC FVMM / FVTM Asymmetric Efficiency 22% Peak intensity 1 cubin LED White Required components: LED LIGOC FVMM / FVTM Asymmetric Efficiency 22% Peak intensity 22% Required components: LED LIGOC FVMM / FVTM Asymmetric Efficiency 22% Peak intensity 22% Required components: LED LIGOC FVMM / FVTM Asymmetric Efficiency 22% Peak intensity 20% Peak intensi			
LED LH502C FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 1 colm LEDs/each optic 1 Light colour/type White Required components:	LH351D Asymmetric 80 % 1 cd/lm 1 White	Light distribution files	25 ¹ 60 ² 60 ² 60 ¹ 60 ² 60 ² 60 ² 75 ² 60 ² 75 ² 60 ² 75 ² 60 ² 60 ² 60 ² 60 ²
LED LH502C FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 1 colim LEDs/each optic 1 Light colour/type White Required components:	9	Ŭ	
LEDLH502CFWHM / FWTMAsymmetricEfficiency79 %Peak intensity0.9 cd/mLEDs/each optic1Light colour/typeWhiteRequired components:1	LH502C Asymmetric 92 % 1 cd/lm 1	Light distribution files	25 ¹ 00 60 ¹ 00 60 ¹ 00 60 ¹ 00 60 ¹ 00 100
Protective plate, glass Light distribution files	LH502C Asymmetric 79 % 0.9 cd/lm 1 White	Light distribution files	
Protective plate,		LH351D Asymmetric 80 % 1 cd/lm 1 White glass G LH502C Asymmetric 92 % 1 cd/lm 1 White G LH502C Asymmetric 92 % 1 cd/lm 1 White	LH351D Asymmetric 80 % 1 colm 1 White Iglas Light distribution files LH502C Asymmetric 92 % 1 colm 1 White Light distribution files Light distribution files



SAMSUN LED FWHM / FWTM Efficiency Peak intensity	LH508A Plus Asymmetric 82 % 0.9 cd/lm		94 ¹ 75 ¹ 64 ¹ 66 ¹ 60 60
LEDs/each optic Light colour/type Required components:	1 White		51° 510 100 51° 100
Protective plat	e, glass	Light distribution files	
SAMSUN	IG		pale pale
LED FWHM / FWTM	LH508A Plus Asymmetric		400 600
Efficiency	93 %		000
Peak intensity LEDs/each optic	1 cd/lm 1		1631°
Light colour/type	White		120
Required components:			1570 30 ¹⁰ 10 ¹⁰ 20 ¹⁰
		Light distribution files	
SEOUL SEOUL SEMICONDUCTOR			suit*
			7582 7582
LED	MJT 5050 Asymmetric		75%
LED FWHM / FWTM	MJT 5050 Asymmetric 79 %		
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 79 % 0.9 cd/lm		601 601 600 600
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 79 % 0.9 cd/lm 1		99
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 79 % 0.9 cd/lm		600 - 600 -







SEQUI SEMICONDUCTOR	SEOUL DC 5050 6V Asymmetric	30Å* 75Å* 40
Efficiency	92 %	. 60 ⁴
Peak intensity	1 cd/lm	
LEDs/each optic	1	
Light colour/type	White	120
Required components:		
		1600
		500° 20° 10°
		Light distribution files
SEOU SEOU		247
LED	Z5M3	75%
FWHM / FWTM	Asymmetric	566*
Efficiency	79 %	
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	487 1220
Light colour/type	White	
Required components:		
Protective plate	, glass	Light distribution files
SEOUL SEMICONDUCTOR		2684
LED	Z5M4	70%
FWHM / FWTM	Asymmetric	2000
Efficiency	82 %	
Peak intensity	1.3 cd/lm	1200
LEDs/each optic	1	-58*
Light colour/type	White	569
Required components:		2000 2007 - 200 2007 - 200

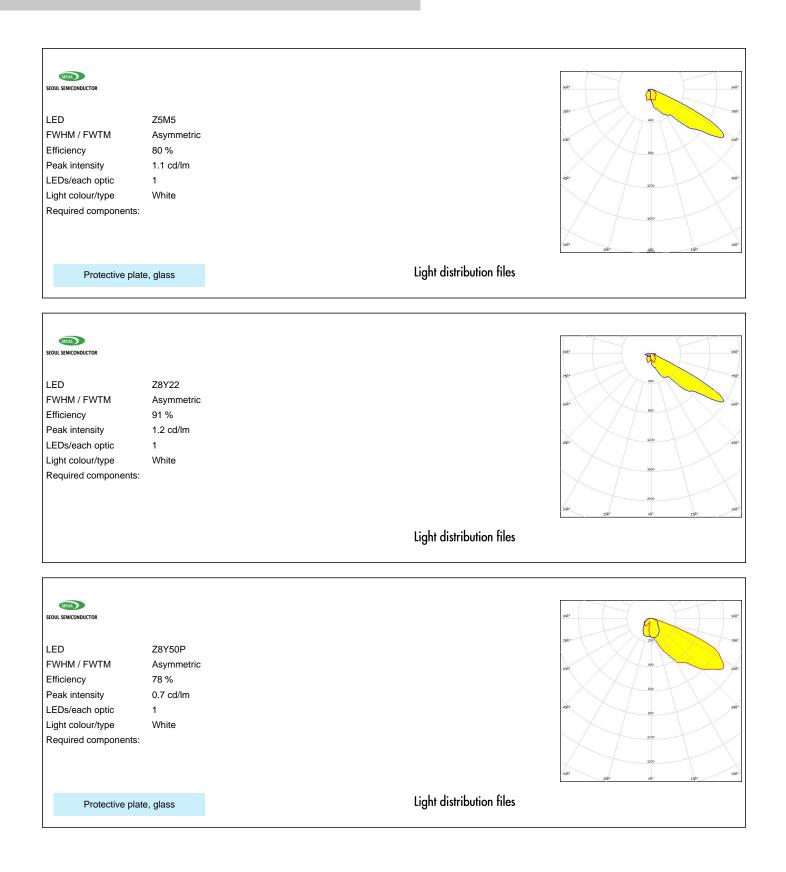


LED Z5M4-E1 FWHM / FWTM Asymmetric Efficiency 81% Peak intensity 1.2 cd/m LEDs/each optic 1 Light colour/type White Required components: Protective plate, glass Light distribution files LED Z5M4-E1 FWHM / FWTM Asymmetric Efficiency 95% Peak intensity 1.4 cd/m LEDs/each optic 1 Light colour/type White	SEQUI SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5M4 Asymmetric 94 % 1.4 cd/lm 1 White	
sess sexesses interesting to a serie of the second			Light distribution files
Required components: Protective plate, glass Light distribution files Light distribution files Light distribution files Light distribution files Light distribution files Light distribution files	seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 81 % 1.2 cd/lm 1	
SEQUEL SEMICONDUCTOR LED Z5M4-E1 FWHM / FWTM Asymmetric Efficiency 95 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour/type White Required components:		, glass	Light distribution files
SEQUIL SEMICONDUCTOR LED Z5M4-E1 FWHM / FWTM Asymmetric Efficiency 95 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour/type White Required components:			
FWHM / FWTM Asymmetric Efficiency 95 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour/type White Required components:			51
Efficiency 95 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour/type White Required components:			
Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour/type White Required components:			
LEDs/each optic 1 Light colour/type White Required components:			
Light colour/type White Required components:			
	Light colour/type		307
Light distribution files			

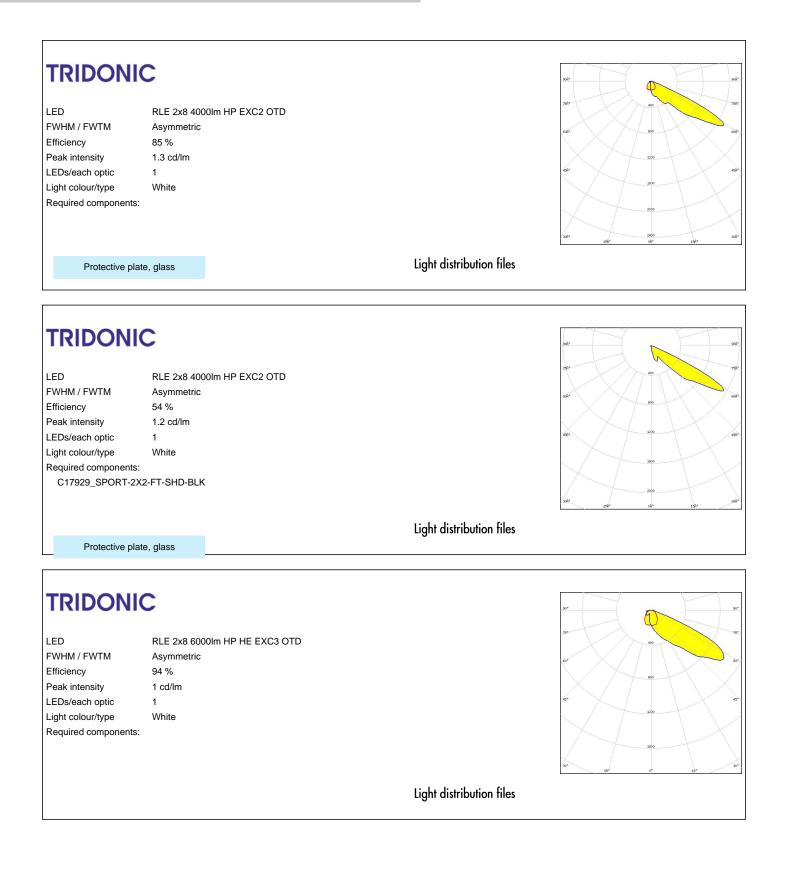


SEQUE SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5M4-E2 Asymmetric 95 % 1.3 cd/lm 1 White	Similated From platemetric data
		Light distribution files
SEOUL SEMICONDUCTOR		**
LED	Z5M4-E2	70 40
EUD FWHM/FWTM	Asymmetric	
Efficiency	81 %	50°
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	45° 1230
Light colour/type	White	
Required components:		1000 2000 2010 2010 2010 2010 2010 2010
Protective pla	ie, glass	Light distribution files
SEOUL SEMICONDUCTOR		904* ED
LED	Z5M5	75%
FWHM / FWTM	Asymmetric	ate
Efficiency	92 %	
Peak intensity	1.2 cd/lm	120
LEDs/each optic	1	43k* 1000
Light colour/type	White	150
		\times / \wedge \times
Required components:		2000 2009 - 2009 - 2009 - 2009 - 2009 - 2009 - 2009 - 2009 - 2009 - 2009 - 2009 - 2009 - 2009 - 2009 - 2009 - 2009 -











TRIDON	IC		100 - 100 - 100
LED	RLE 2x8 6000lm HP HE EXC3 OTD		75%
FWHM / FWTM	Asymmetric		
Efficiency	80 %		
Peak intensity	0.9 cd/lm		30
LEDs/each optic	1		458* 458
Light colour/type	White		1700
Required component	s:		1000 1000 1000 1000 1000
		Light distribution files	
Protective p	late, glass		
_			940 - 160
TRIDON	IC		ike ter 005
TRIDON	RLE 2x8 6000lm HP HE EXC3 OTD		
TRIDON LED FWHM / FWTM	RLE 2x8 6000Im HP HE EXC3 OTD Asymmetric		40 - 10 - 16C
TRIDON LED FWHM / FWTM Efficiency	RLE 2x8 6000Im HP HE EXC3 OTD Asymmetric 50 %		50
TRIDON LED FWHM / FWTM Efficiency Peak intensity	RLE 2x8 6000lm HP HE EXC3 OTD Asymmetric 50 % 0.8 cd/lm		759 - 75 6-60 - 60
TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	RLE 2x8 6000lm HP HE EXC3 OTD Asymmetric 50 % 0.8 cd/lm 1		759 - 75 6-60 - 60
TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	RLE 2x8 6000lm HP HE EXC3 OTD Asymmetric 50 % 0.8 cd/lm 1 White		75% 209 75 6% 6%
TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required component	RLE 2x8 6000Im HP HE EXC3 OTD Asymmetric 50 % 0.8 cd/lm 1 White S:		75% 209 75 6% 6%
TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	RLE 2x8 6000Im HP HE EXC3 OTD Asymmetric 50 % 0.8 cd/lm 1 White S:		75% 200 77 6% 60 60
TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required component	RLE 2x8 6000Im HP HE EXC3 OTD Asymmetric 50 % 0.8 cd/lm 1 White S:	Light distribution files	754 20 75 664 60 60 654 60 60 100 100 60 100 100 60



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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