

PRODUCT DATASHEET C15962_STRADA-2X2-FS3

STRADA-2X2-FS3

Forward throw beam optimized for European tunnels, resulting in extremely efficient lighting with counter-beam method.

SPECIFICATION:

Dimensions Height Fastening ROHS compliant 50.0 x 50.0 12 mm pin, screw yes ①



MATERIALS:

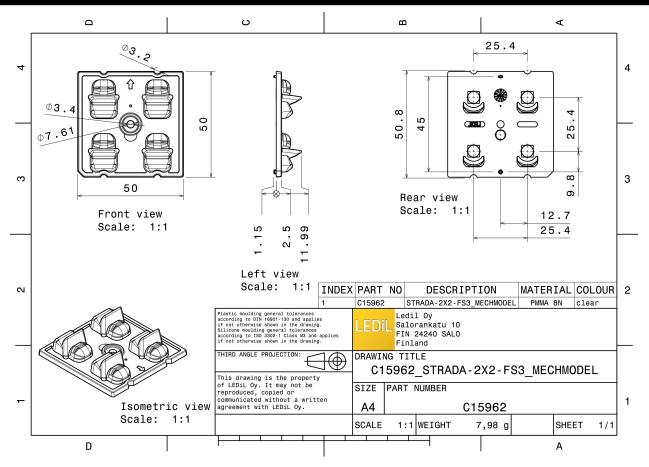
Component	Туре	Material	Colour	Finish	Length (mm)
STRADA-2X2-FS3	Multi-lens	PMMA	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15962_STRADA-2X2-FS3	800	160	160	7.1
» Box size: 480 x 280 x 300 mm				

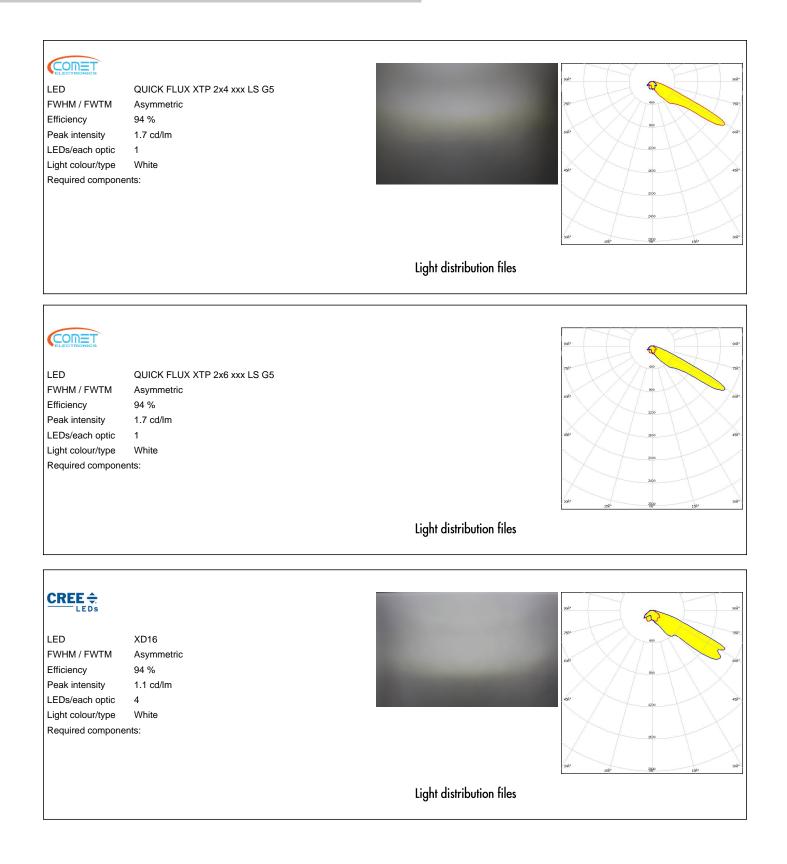


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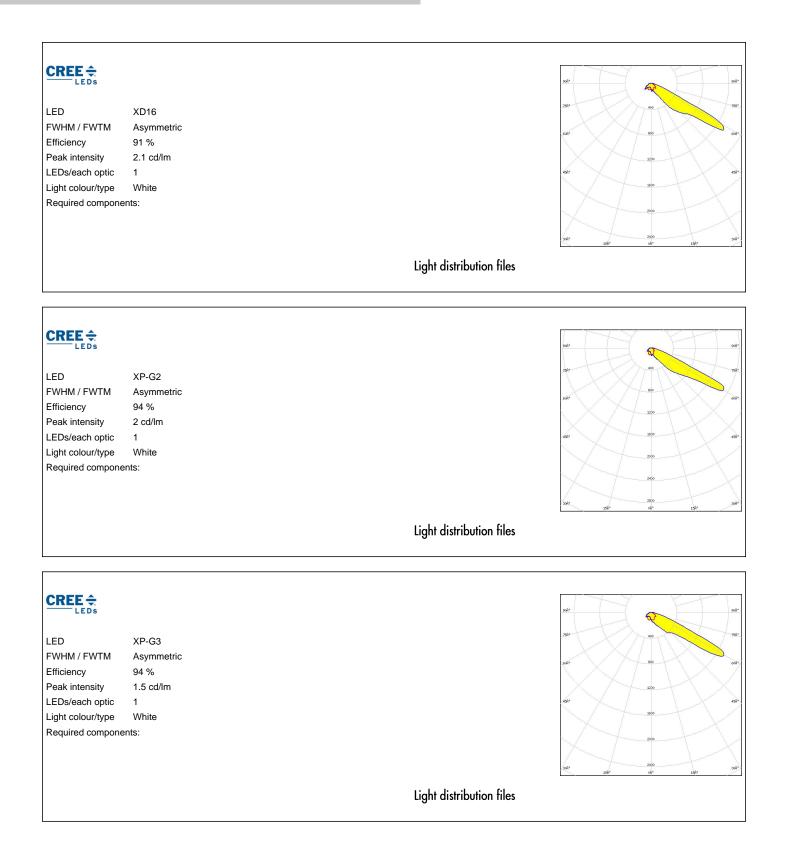


See also our general installation guide: www.ledil.com/installation_guide

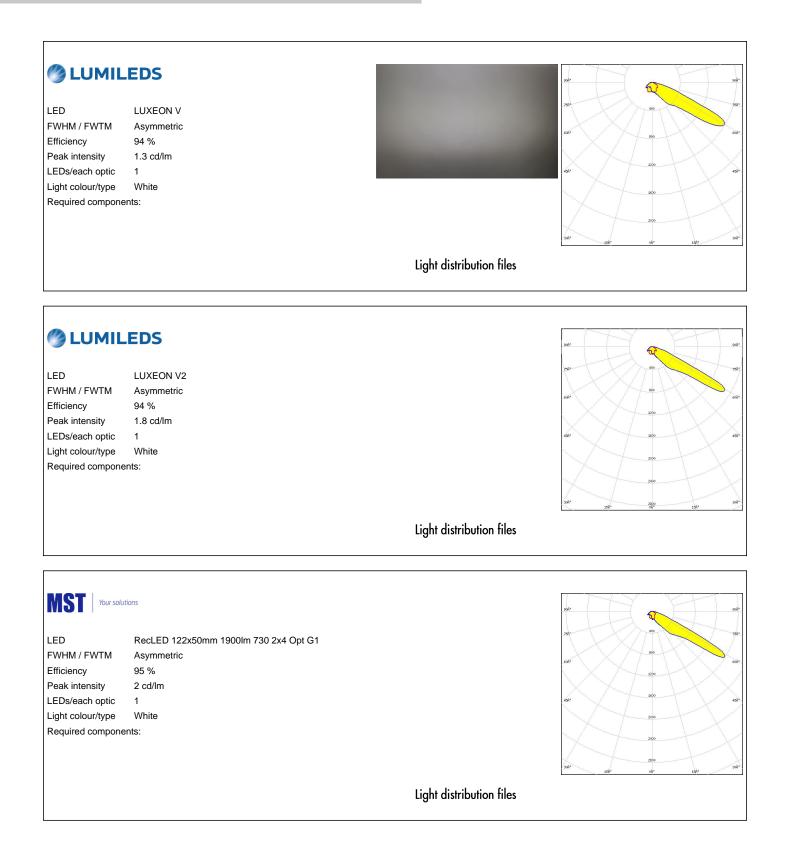














ΜΝΙCΗΙΛ LED NVSW219F Asymmetric FWHM / FWTM Efficiency 94 % Peak intensity 1.8 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **Μ**ΝΙCΗΙΛ LED NVSW319B FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM Opto S LED Duris S8 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



OSRAM Opto Semiconductors LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM Opto Semiconductore LED **OSLON Square PC** FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files PHILIPS LED Fortimo FastFlex LED 2x8 DA G4+ FWHM / FWTM Asymmetric Efficiency 95 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files

Last update: 05/05/2025Subject to change without prior noticePublished: 03/09/2018LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.7/32



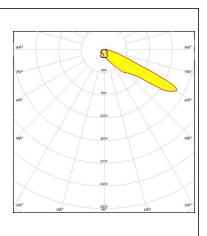
PHILIPS LED Fortimo FastFlex LED 2x8 DA G5 FWHM / FWTM Asymmetric Efficiency 95 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files PHILIPS LED Fortimo FastFlex LED 2x8 DAX G4 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SAMSUNG LED HiLOM RC12 Z (LH181B) FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 2.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



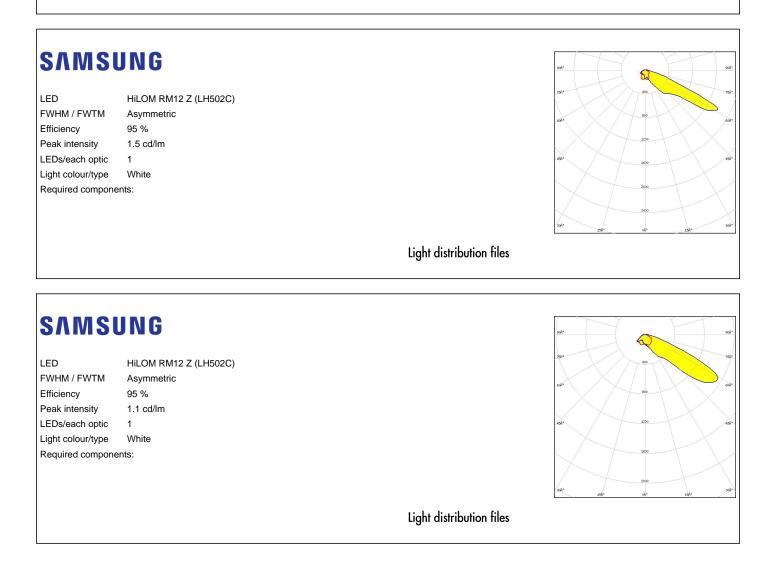
SAMSUNG

LEDHiLOIFWHM / FWTMAsymEfficiency94 %Peak intensity1.6 ccLEDs/each optic1Light colour/typeWhiteRequired components

HiLOM RH16 (LH351C) Asymmetric 94 % 1.6 cd/lm 1 White ents:



Light distribution files

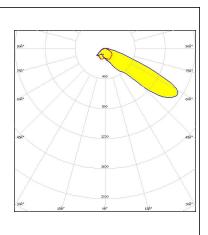




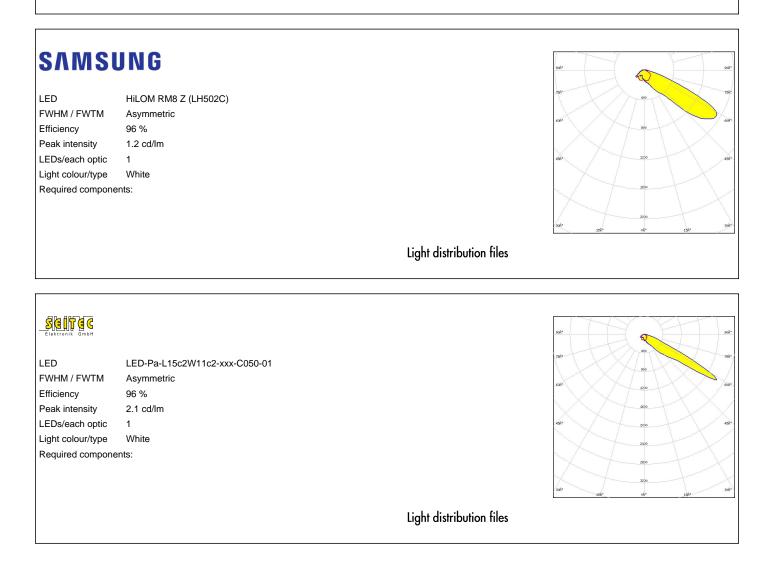
SAMSUNG

LEDHiFWHM / FWTMAsEfficiency96Peak intensity1LEDs/each optic1Light colour/typeWRequired components:

HiLOM RM16 Z (LH502C) Asymmetric 96 % 1.1 cd/lm 1 White



Light distribution files



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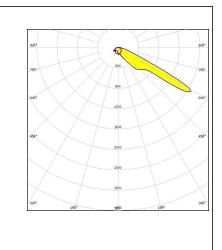
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Z5M3 Asymmetric 94 % 1.6 cd/lm 1 White ents:	
		Light distribution files
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Z8Y22 Asymmetric 94 % 1.5 cd/lm 1 White ents:	Light distribution files
TRIDO	NIC	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	RLE 2x4 2000Im HP EXC2 OTD Asymmetric 94 % 2.2 cd/lm 1 White ents:	



TRIDONIC

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type

RLE 2x8 4000lm HP EXC2 OTD Asymmetric 94 % 2.2 cd/lm 1 White Required components:



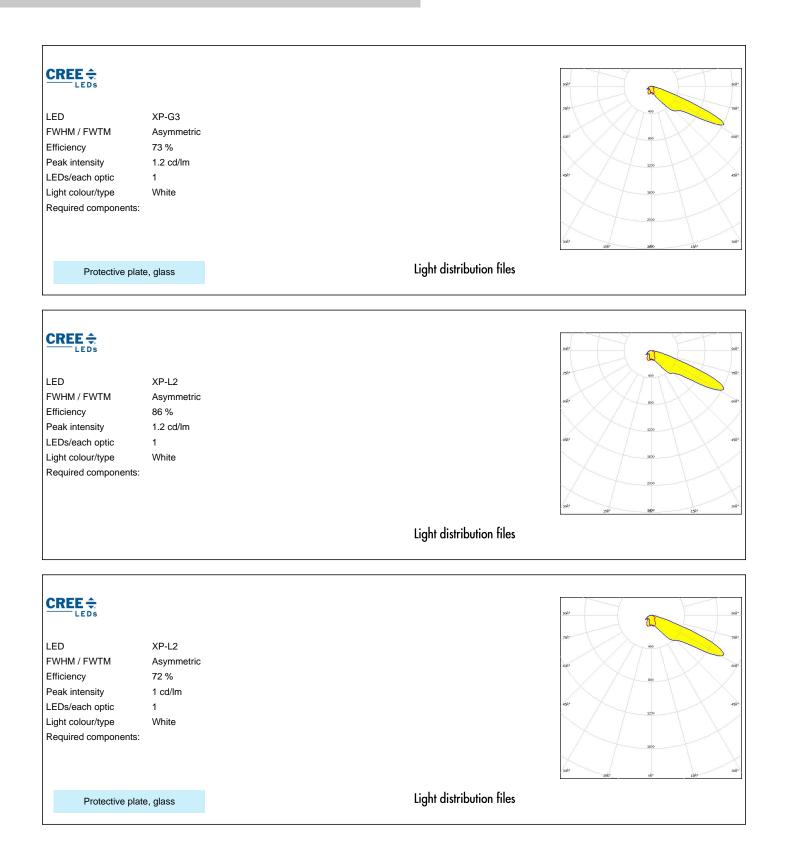
Light distribution files



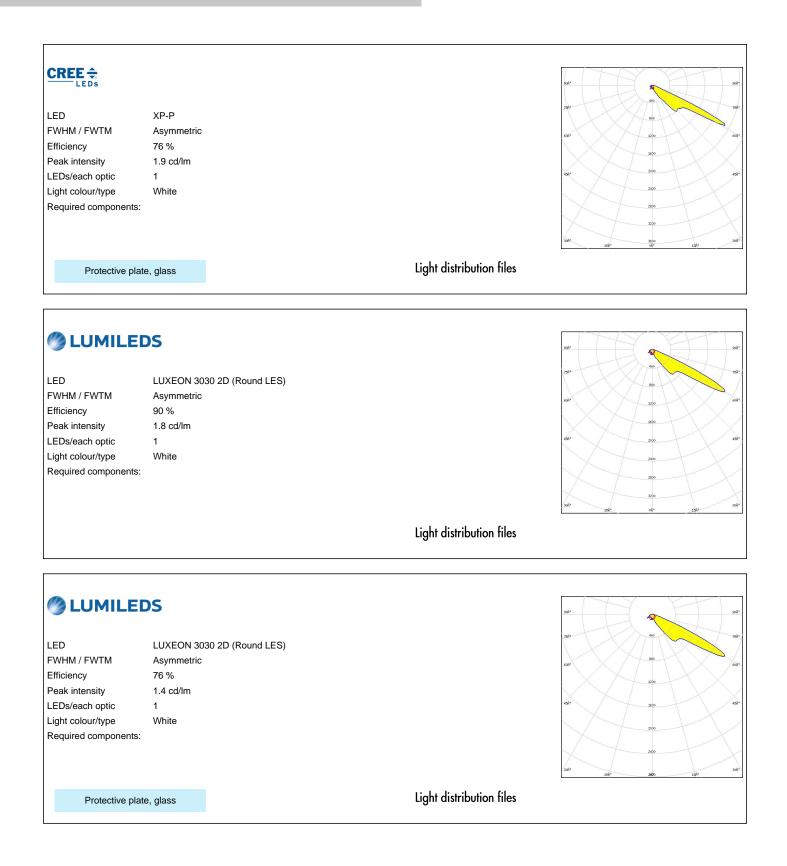
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Bridgelux SMD 5050 Asymmetric 86 % 1.1 cd/lm 1 White	50° 75° 60° 60° 60° 60° 1290 500
		Light distribution files
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	XP-E2 Asymmetric 76 % 1.9 cd/lm 1 White	56° 75° 60 60 60 50° 500 500 500 500 500 500 500
Protective plate		Light distribution files
		sa:
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XP-G2 HE Asymmetric 87 % 1.5 cd/lm 1 White	
		Light distribution files

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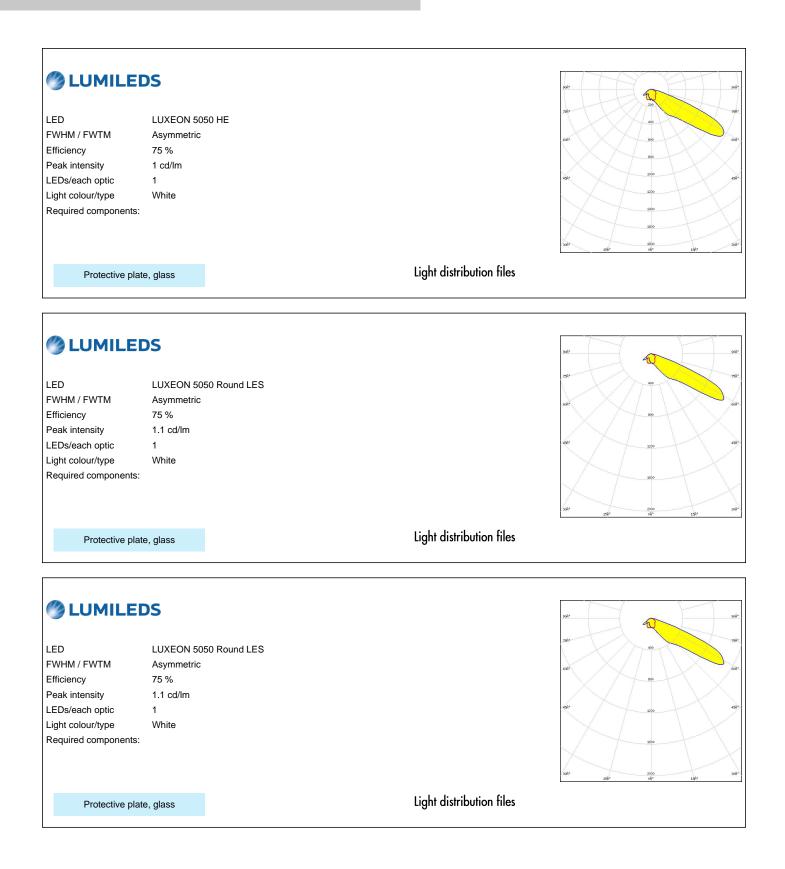




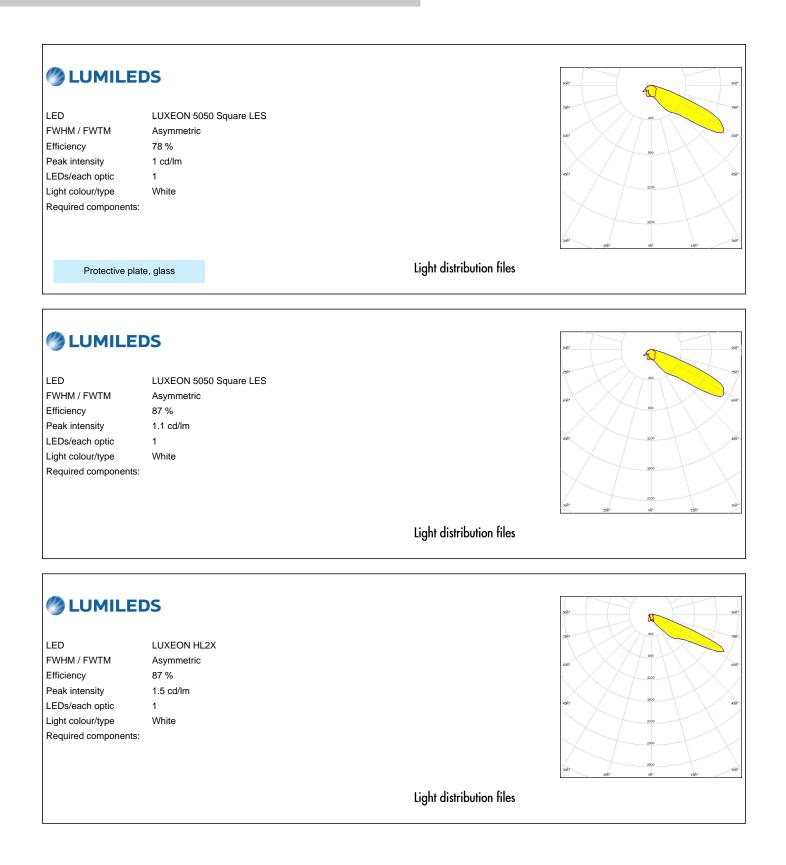




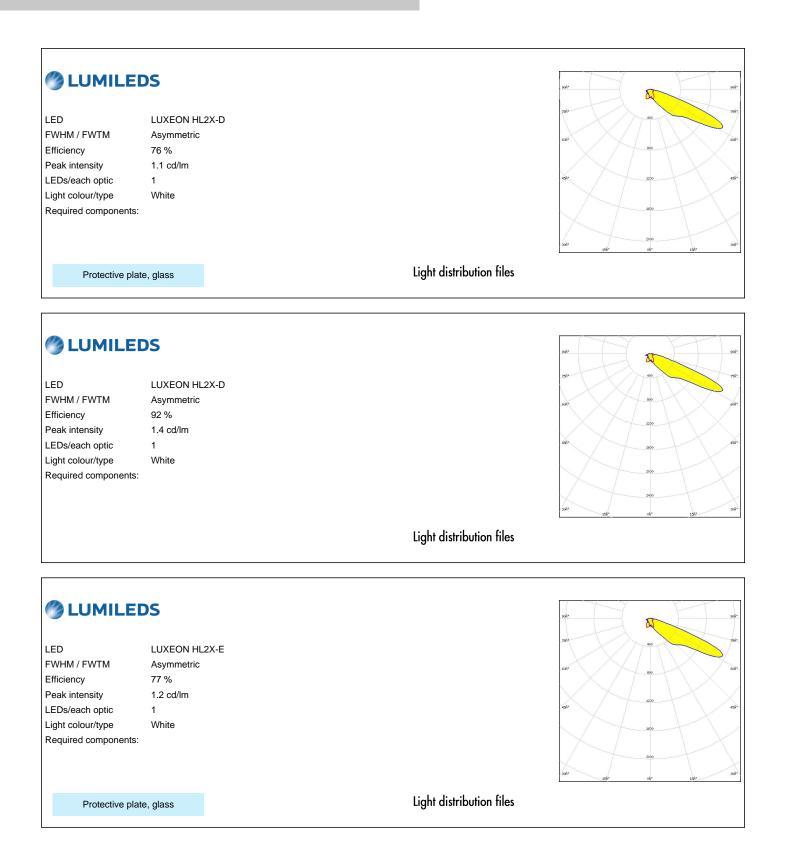








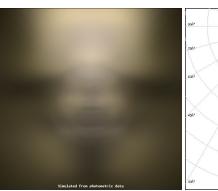


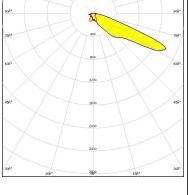




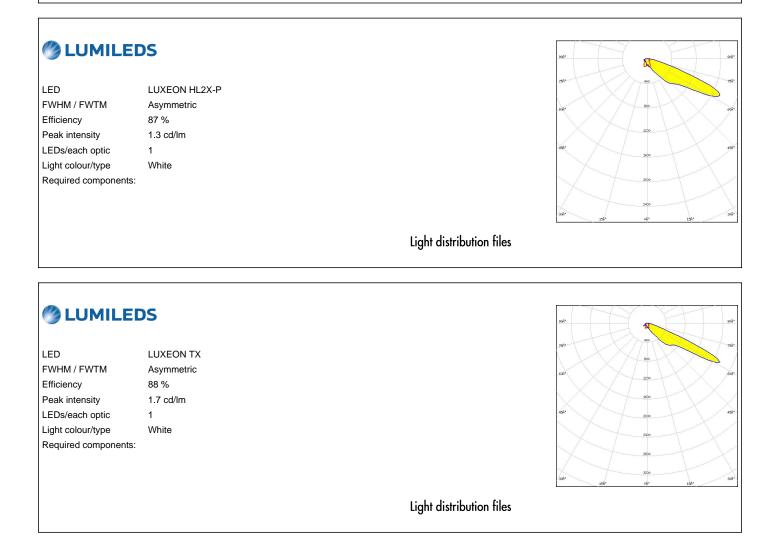
UMILEDS

LED	LUXEON HL2X-E
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files



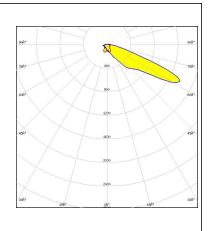
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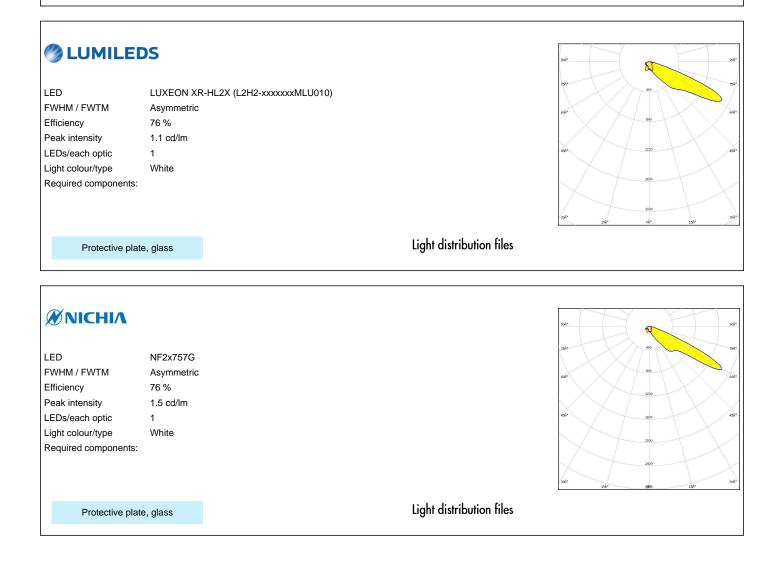
UMILEDS

LED
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour/type
Required components:

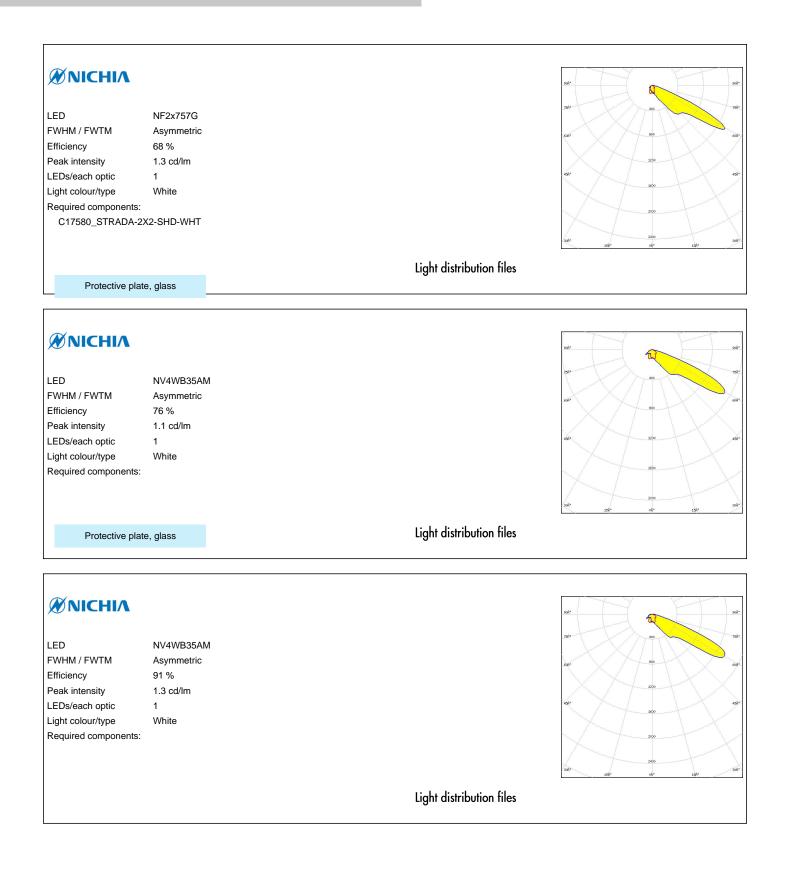
LUXEON XR-HL2X (L2H2-xxxxxxMLU010) Asymmetric 92 % 1.4 cd/lm 1 White



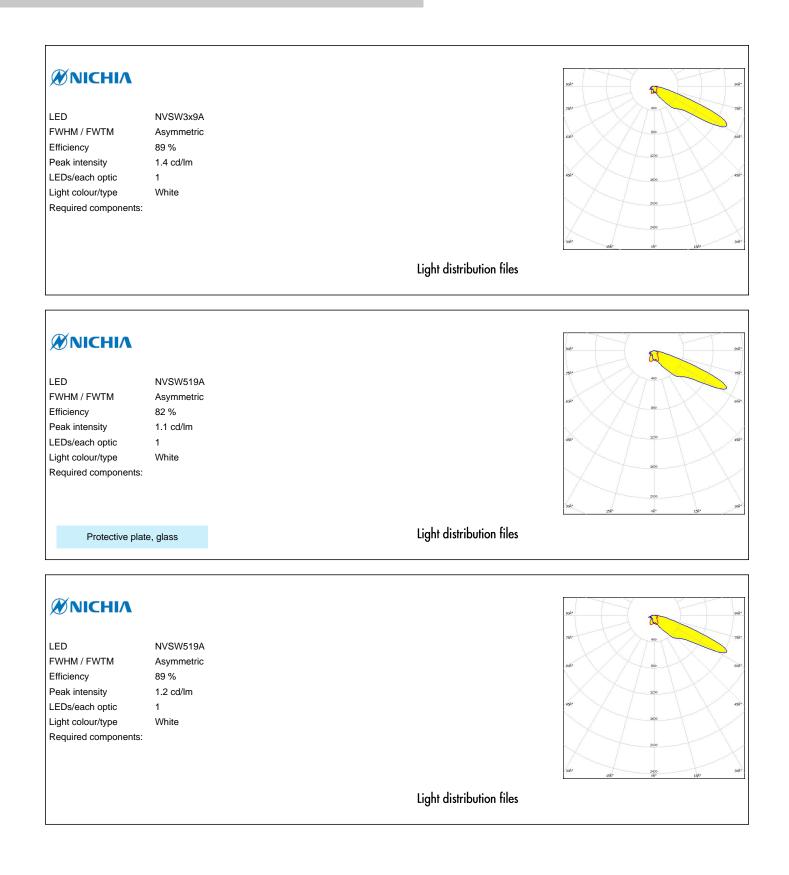
Light distribution files













ΜΝΙCΗΙΛ I FD NVSxE21A FWHM / FWTM Asymmetric Efficiency 90 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **Μ**ΝΙCΗΙΛ NVSxx19B/NVSxx19C I FD FWHM / FWTM Asymmetric Efficiency 90 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM Opto S LED Duris S5 (2 chip) FWHM / FWTM Asymmetric 91 % Efficiency Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files

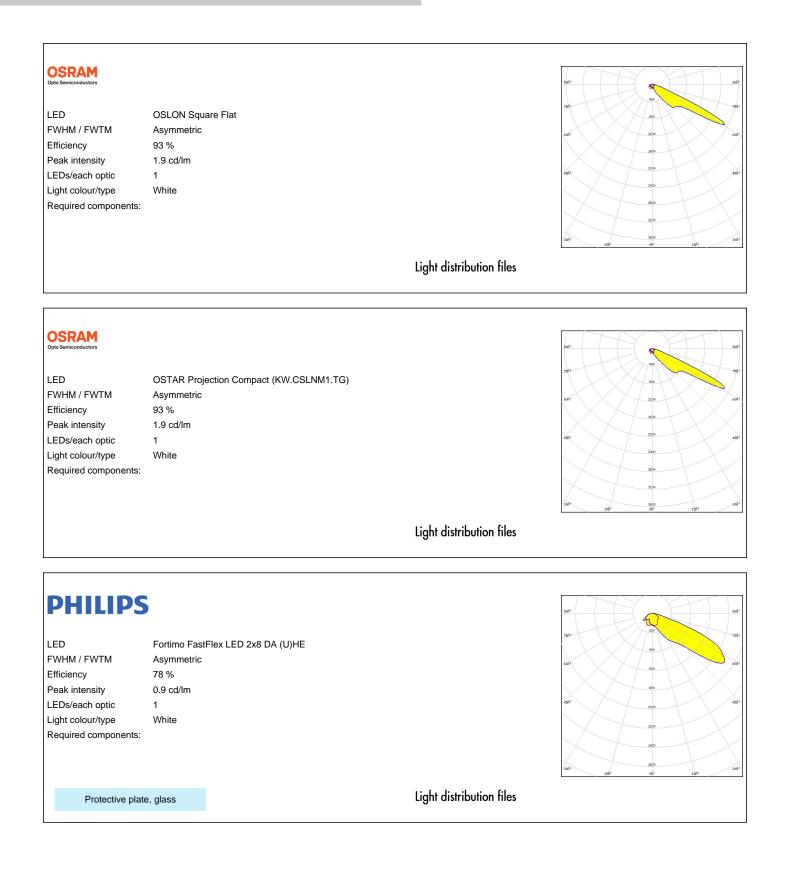


Cost Semiconductors	Duris S8 Asymmetric 90 % 1.1 cd/lm 1 White	Light distribution files	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSCONIQ P 3737 (2W version) Asymmetric 91 % 1.8 cd/lm 1 White	Light distribution files	264* 60* 264* 60 264* 60 264* 200 664* 1220 664* 1220 664* 1220 664* 1250 664* 1250 664* 1250 664* 1250 664* 1250 664* 1250 664* 1250 500 1250 500 1250 500 1250 500 1250 500 1250 500 1250 500 1250 500 1250 500 1250 500 1250 500 1250 500 1250 500 1250 500 1250 500 1250 500 1250 500 1250
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSCONIQ P 3737 Flat Asymmetric 88 % 1.6 cd/lm 1 White	Light distribution files	201 ⁺ 201 201 ⁺ 201 ⁺ 201 201 ⁺ 201 ⁺ 201 201 ⁺ 201 ⁺ 201 ⁺ 201 201 ⁺ 201



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSCONIQ S 5050 Asymmetric 86 % 1.1 cd/lm 1 White		94° 961° 751° 600 751° 641° 800 681° 641° 800 681° 550° 681° 550° 681° 550° 681° 550° 681°
		Light distribution files	
OSRAM Opto Semiconductors			50 ⁴
LED	OSLON Square CSSRM2/CSSRM3		758* 400 758*
FWHM / FWTM	Asymmetric		
Efficiency	68 %		544" <u>800</u> 664".
Peak intensity	1.2 cd/lm		1200
LEDs/each optic	1		45h* 45h*
Light colour/type	White		1600
Required components:			
C17580_STRADA-22	X2-SHD-WHT		
		Light distribution files	200 20 7 207
Protective plat	e, glass		
			pat-
OSRAM Opto Semiconductors			
Opto Semiconductors			75%* 400 75%*
Opto Semiconductors	OSLON Square CSSRM2/CSSRM3		, Tât-
Opto Semiconductors	Asymmetric		167 00 167 160 00 167
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 80 %		
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 80 % 1.4 cd/lm		
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 80 % 1.4 cd/lm 1		60 - 103 103
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 80 % 1.4 cd/lm		69° 69°

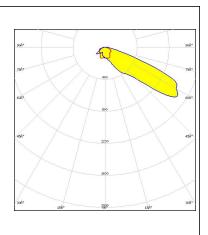




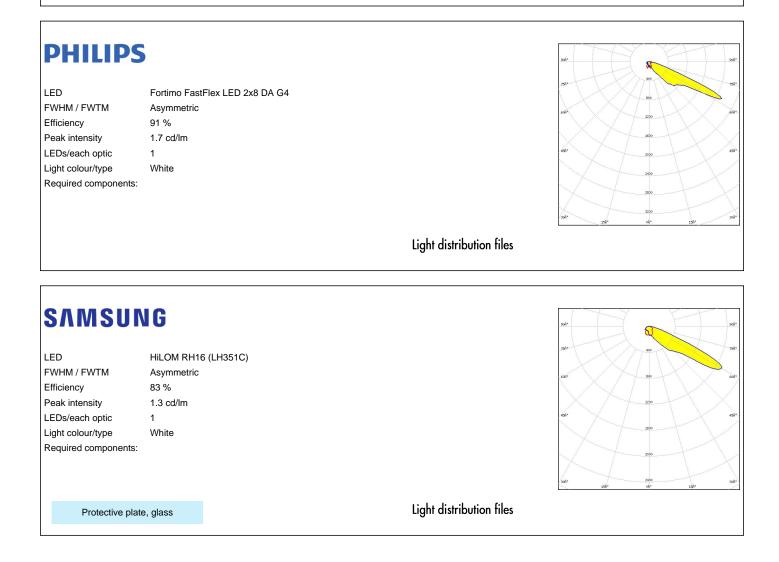


PHILIPS

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: Fortimo FastFlex LED 2x8 DA (U)HE Asymmetric 92 % 1.1 cd/lm 1 White



Light distribution files





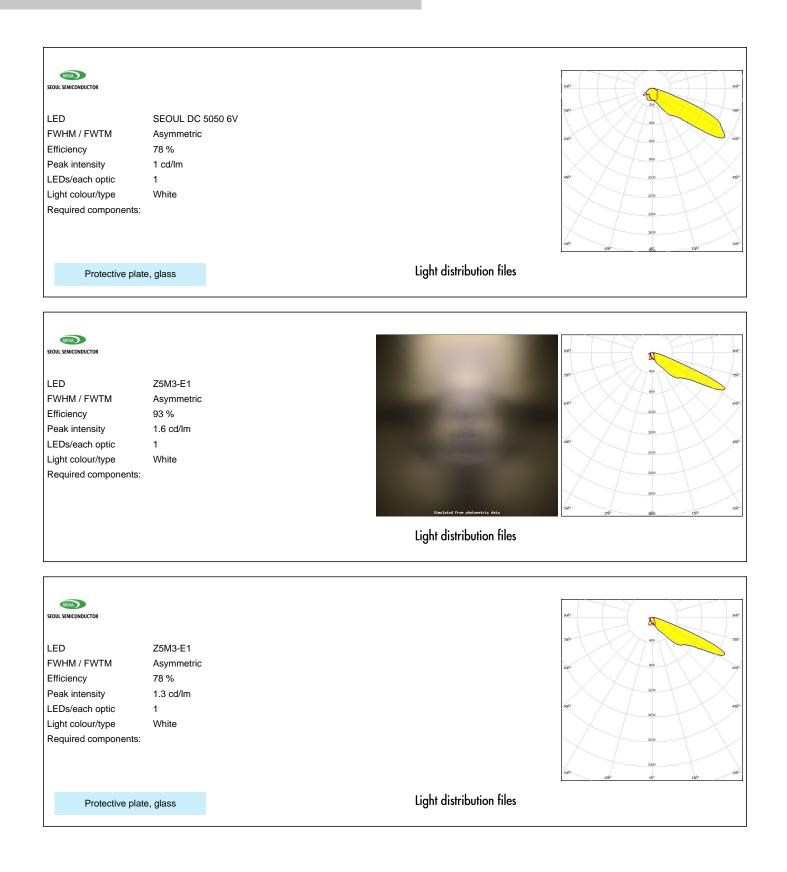
ED FWHM / FWTM Efficiency Peak intensity	NG LH351B Asymmetric 75 % 1.2 cd/lm	98 ² 79 ¹² 53 ¹⁴ 50
LEDs/each optic Light colour/type Required components Protective pla	1 White	Light distribution files
SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components	LH351B Asymmetric 87 % 1.5 cd/lm 1 White	Light distribution files
SVWSN	NG	
LED FWHM / FWTM	LH351D Asymmetric	
Efficiency	86 %	sat* bo
	1.2 cd/lm	
Peak intensity	4	
Peak intensity LEDs/each optic Light colour/type Required components	1 White :	1655 2009 2004 2009 2004 2004 2004

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FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LH502D Asymmetric 73 % 1 cd/lm 1 White	Light distribution files	99° 59° 53° 53° 53° 53° 109 109 109 109 109 109 109 109
Protective plate,	glass	Light distribution files	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	G LH502D Asymmetric 86 % 1.1 cd/lm 1 White	Light distribution files	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SEOUL DC 5050 6V Asymmetric 90 % 1.1 cd/lm 1 White	Light distribution files	5.53 ¹ 5.53 ¹ 5.55 ¹ 5.5







SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z8Y22 Asymmetric 78 % 1.3 cd/lm 1 White	Light distribution files	5.64 7.50 6.50 6.50 7.50 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.
TRIDONIC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	RLE 2x8 6000lm HP HE EXC3 OTD Asymmetric 91 % 1.1 cd/lm 1 White		
		Light distribution files	
TRIDONIC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	RLE 2x8 6000lm HP HE EXC3 OTD Asymmetric 82 % 1 cd/lm 1 White		
Protective plate	, glass	Light distribution files	



PRODUCT DATASHEET C15962 STRADA-2X2-FS3

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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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LEDiL Oy

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Shipping locations Poznan, Poland Hong Kong, China

Distribution Partners www.ledil.com/ where_to_buy

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