

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:

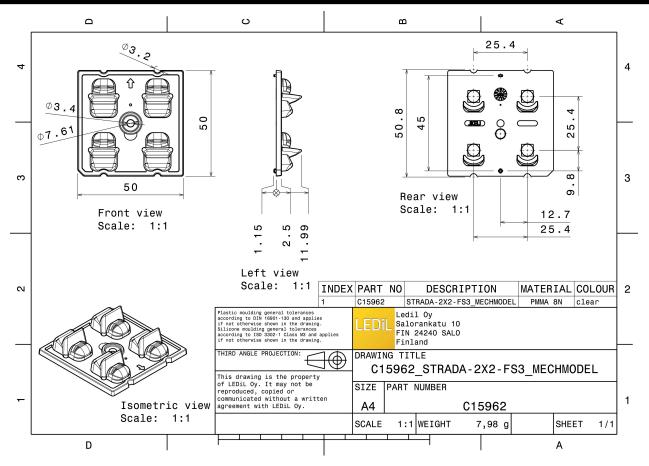
Component	Туре	Material	Colour	Finish	Length (mm)
STRADA-2X2-FS3	Multi-lens	PMMA	clear		

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				

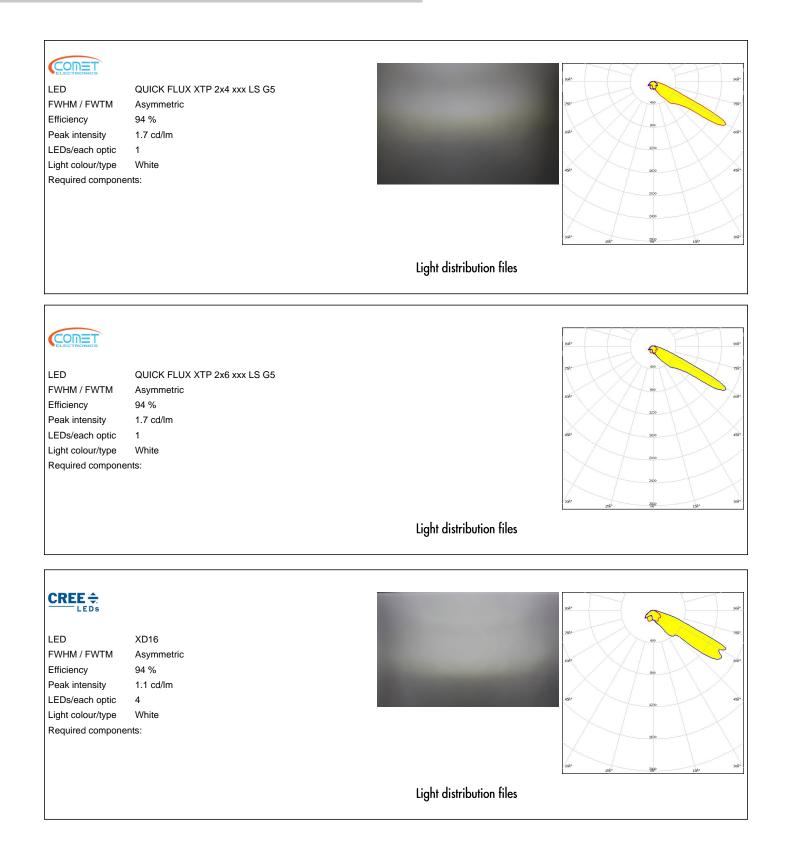


PRODUCT DATASHEET C15962_STRADA-2X2-FS3

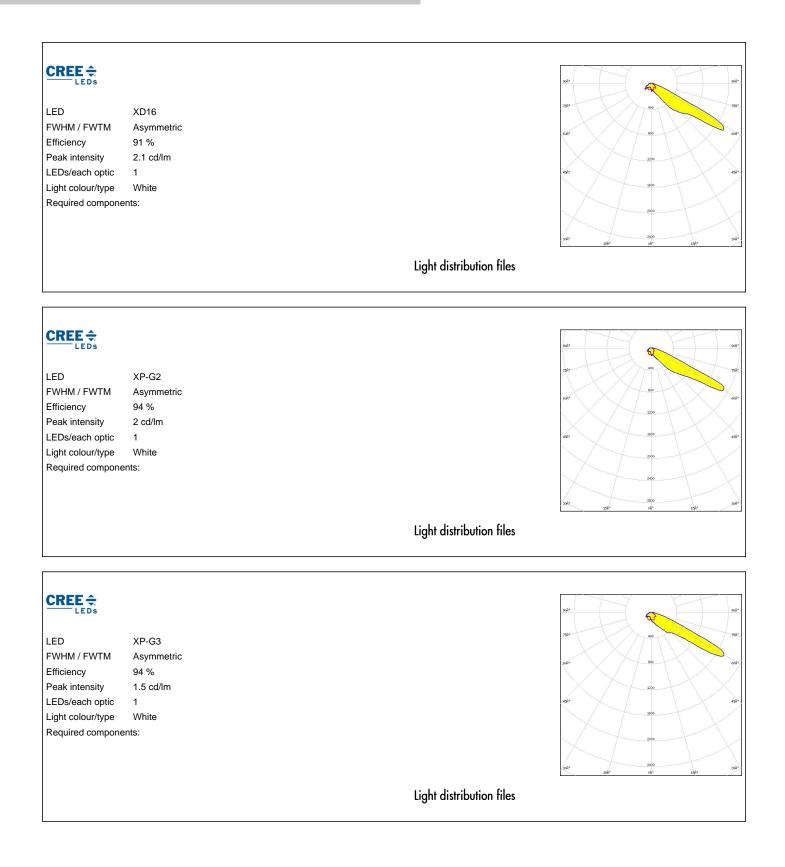


See also our general installation guide: www.ledil.com/installation_guide

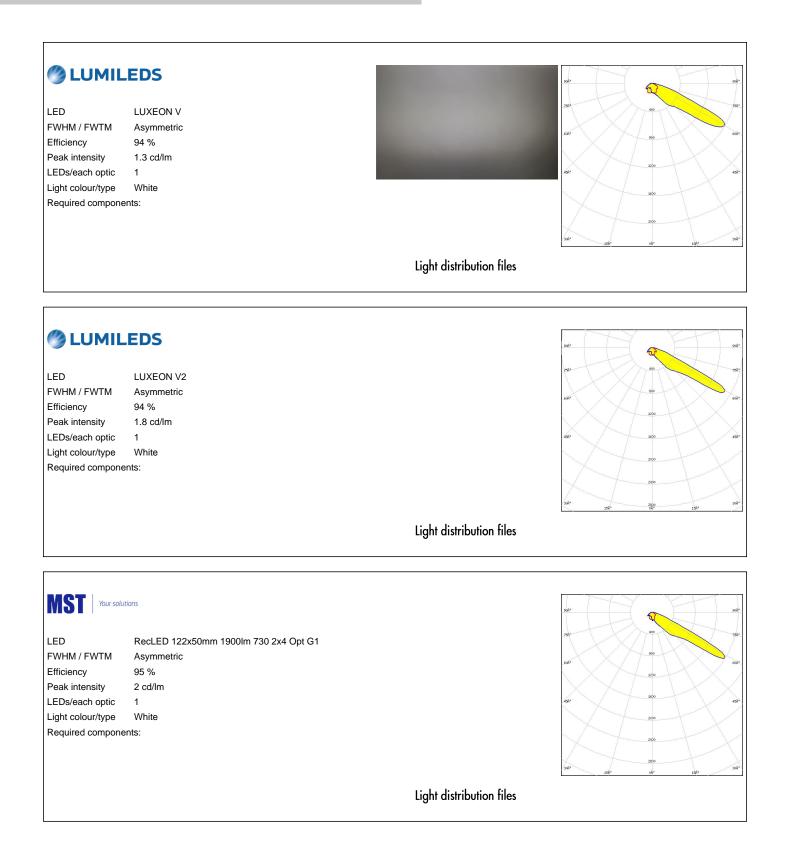














ΜΝΙCΗΙΛ LED NVSW219F Asymmetric FWHM / FWTM Efficiency 94 % Peak intensity 1.8 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **Μ**ΝΙCΗΙΛ LED NVSW319B FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour/type White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



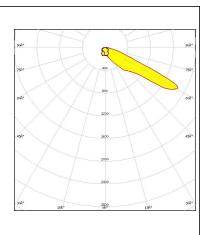
PHILIPS LED Fortimo FastFlex LED 2x8 DA G5 FWHM / FWTM Asymmetric Efficiency 95 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files PHILIPS LED Fortimo FastFlex LED 2x8 DAX G4 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.5 cd/lm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



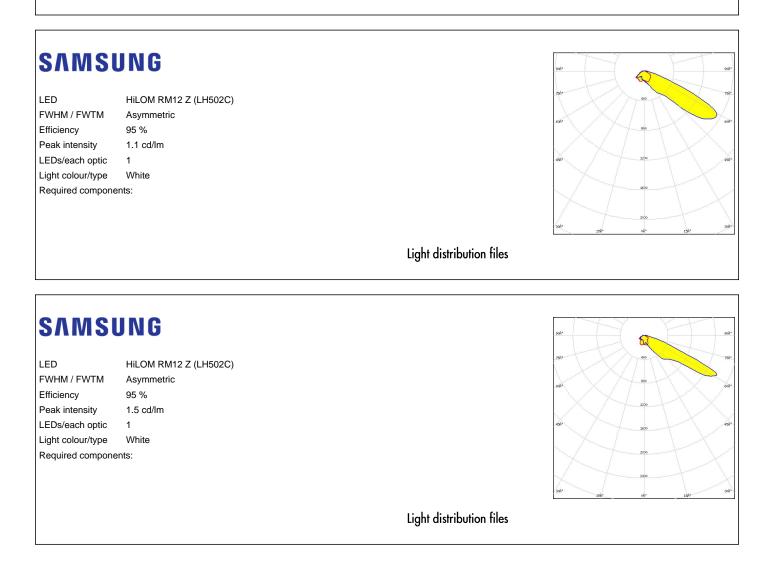
SAMSUNG

LEDHiLOUFWHM / FWTMAsymEfficiency94 %Peak intensity1.6 cmLEDs/each optic1Light colour/typeWhiteRequired components:

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



Light distribution files

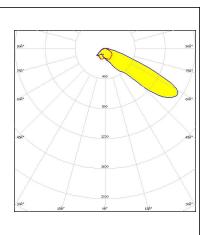




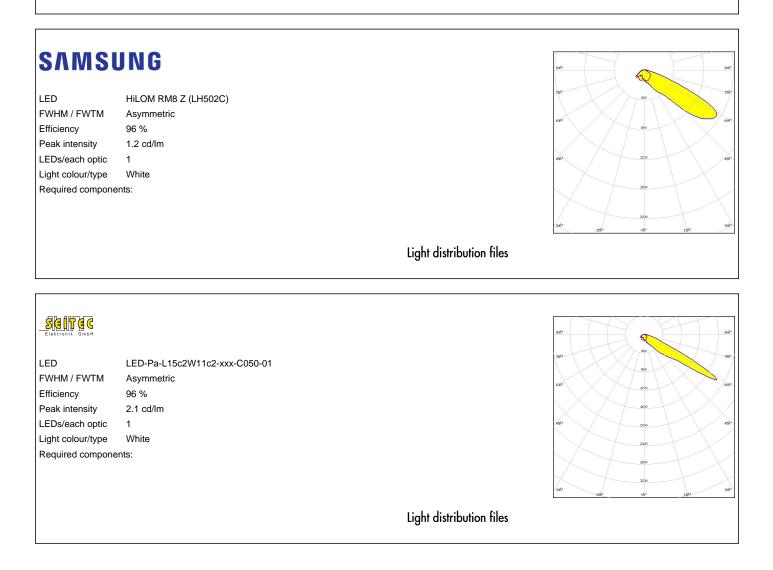
SAMSUNG

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

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



Light distribution files



Last update: 21/05/2025Subject to change without prior noticePublished: 03/09/2018LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.10/33



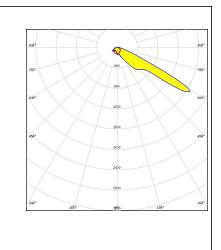
use sense LED Z5M3 FYMM / FYTM Asymmetric Elliciency 94 % Preak intensity 1.6 of dim LED elsewhed point Required components: LED Z5X2 FYTMI / FYTM Asymmetric Elliciency 94 % Preak intensity 1.5 cd/m LED Z5X2 FYTMI / Symmetric Elliciency 94 % Preak intensity 1.5 cd/m LED to dim LED to dim			
LED Z5M3 FWHM / FWTM Asymmetric Efficiency 94 % Required components: LED Seach optic 1 Light colour/type White Required components: LED Z8Y22 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.5 cd/m LEDS/each optic 1 Light colour/type White Required components:	LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	RLE 2x4 2000Im HP EXC2 OTD Asymmetric 94 % 2.2 cd/lm 1 White	
LED Z5M3 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour/type White Required components:	SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	Asymmetric 94 % 1.5 cd/lm 1 White	
SEQUE SEMICONDUCTOR	FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	Asymmetric 94 % 1.6 cd/lm 1 White	



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:

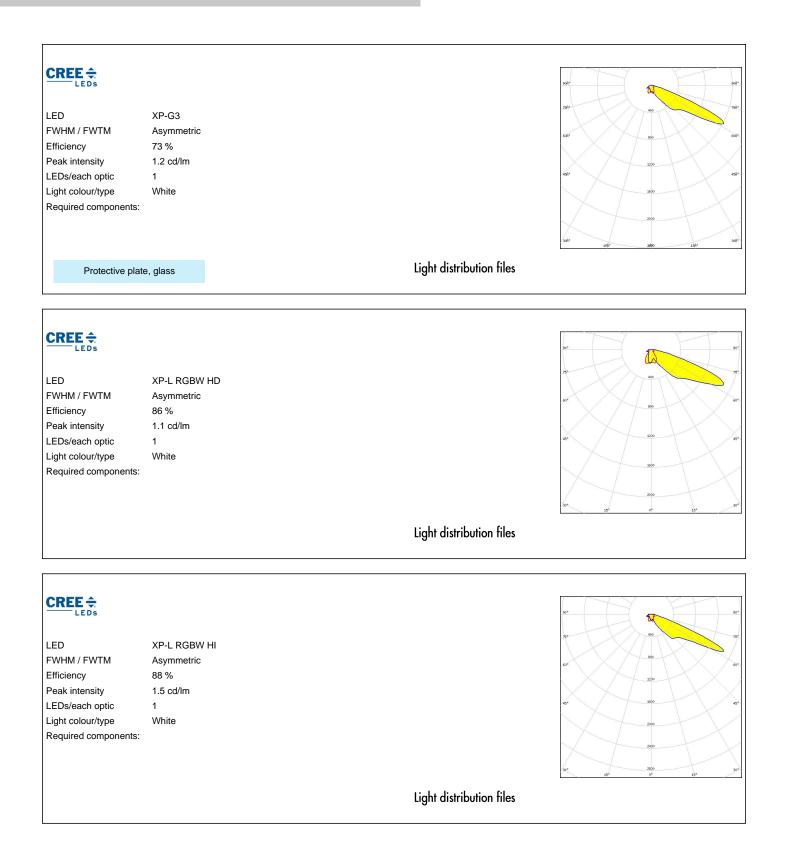


Light distribution files

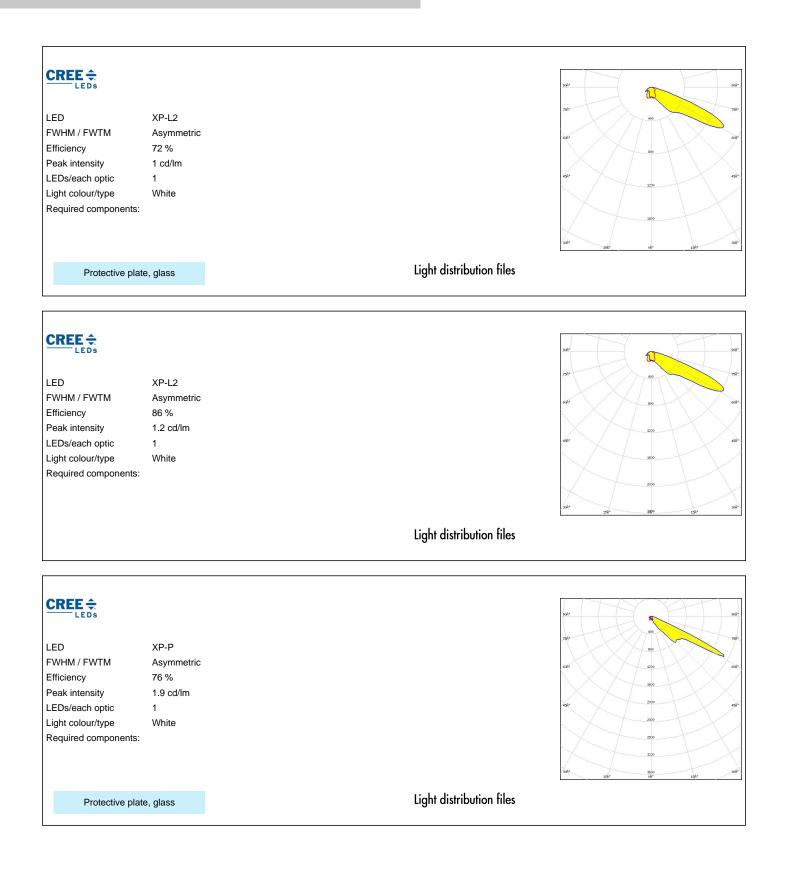


LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components	Bridgelux SMD 5050 Asymmetric 86 % 1.1 cd/lm 1 White		9d* .5d* .6d* .6d* .6d* .6d* .6d* .5d*
		Light distribution files	
CREE 🔶 LEDs			90 ⁴
LED	XP-E2		73%
FWHM / FWTM	Asymmetric		50%* <u>1200</u> 6
Efficiency	76 %		1500
Peak intensity	1.9 cd/lm		
LEDs/each optic	1 White		2000
Light colour/type Required components			200
			2200
			30Å* 3000 15Ű 6Ű 15Ű
Protective pla	ate, glass	Light distribution files	
			94 ⁴
LEDS			75%* 400
LED	XP-G2 HE Asymmetric		200
LED FWHM / FWTM	Asymmetric		500°
LED FWHM / FWTM Efficiency	Asymmetric 87 %		
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric		500°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 87 % 1.5 cd/lm		. sef
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components	Asymmetric 87 % 1.5 cd/lm 1 White		54° 129 49° 209
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	Asymmetric 87 % 1.5 cd/lm 1 White		58° 1799 58° 1099

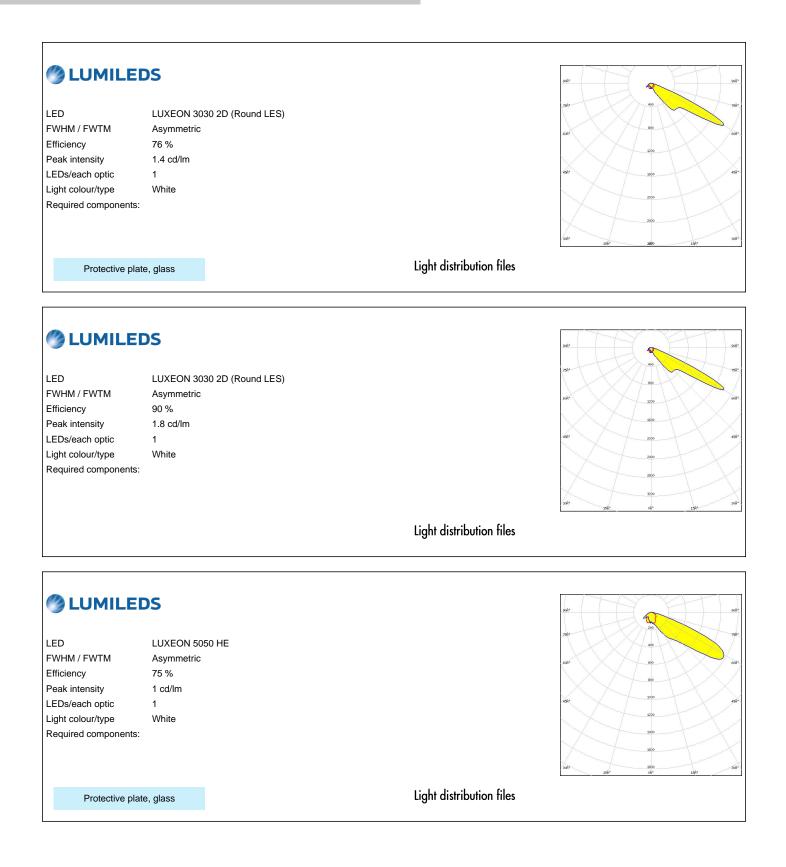




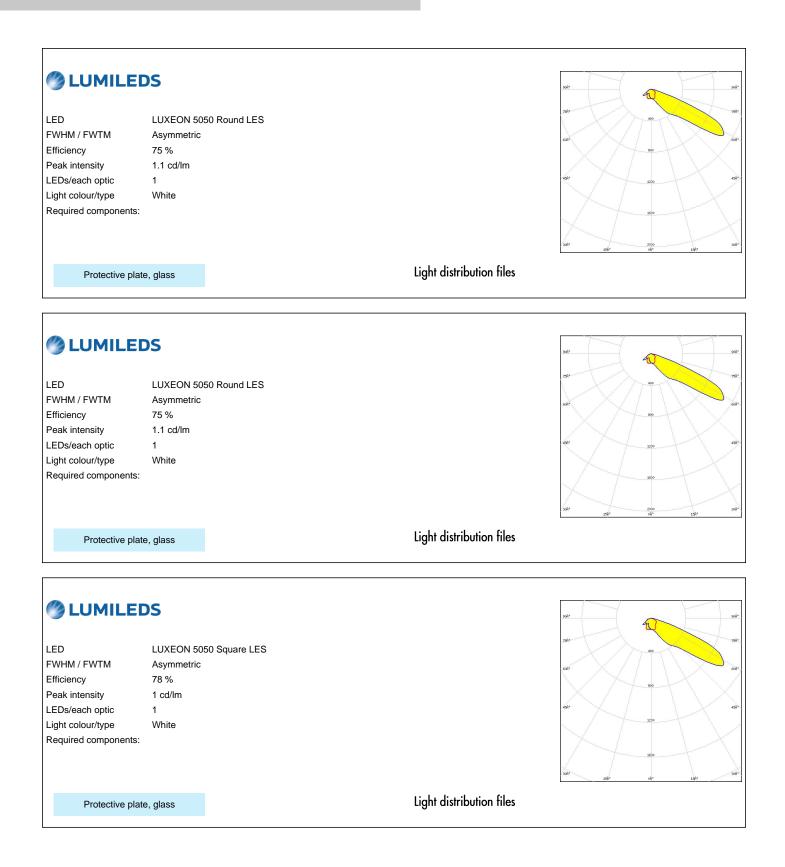








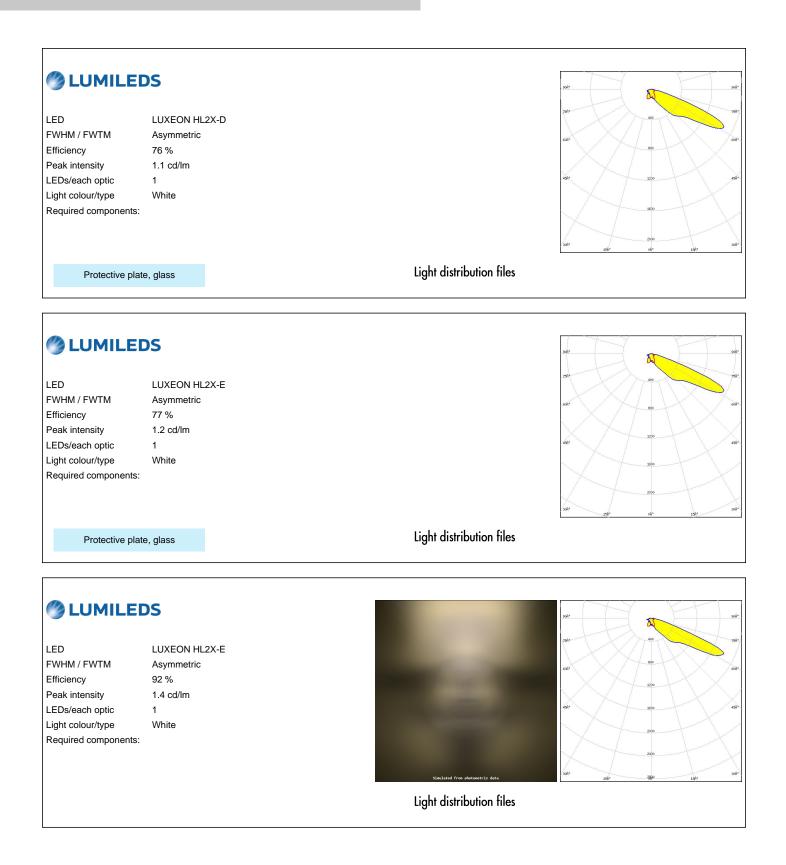






LUMILEDS I FD LUXEON 5050 Square LES FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUMILEDS LUXEON HL2X I FD FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUXEON HL2X-D LED FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files





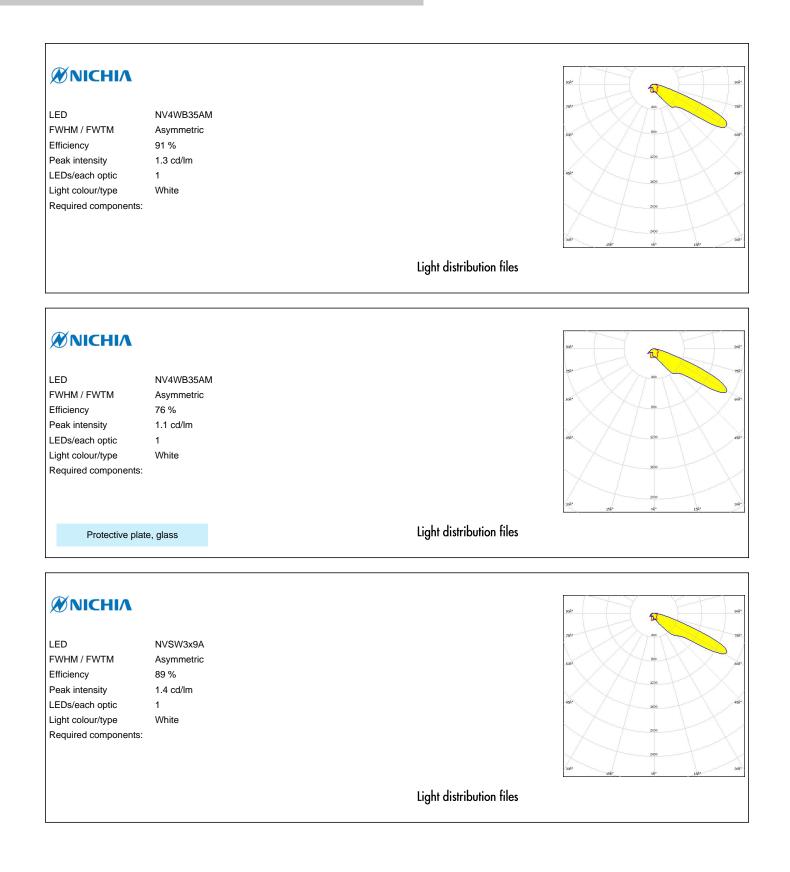


LUMILEDS I FD LUXEON HL2X-P FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUMILEDS LUXEON TX I FD FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUXEON XR-HL2X (L2H2-xxxxxxMLU010) LED FWHM / FWTM Asymmetric Efficiency 76 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files Protective plate, glass

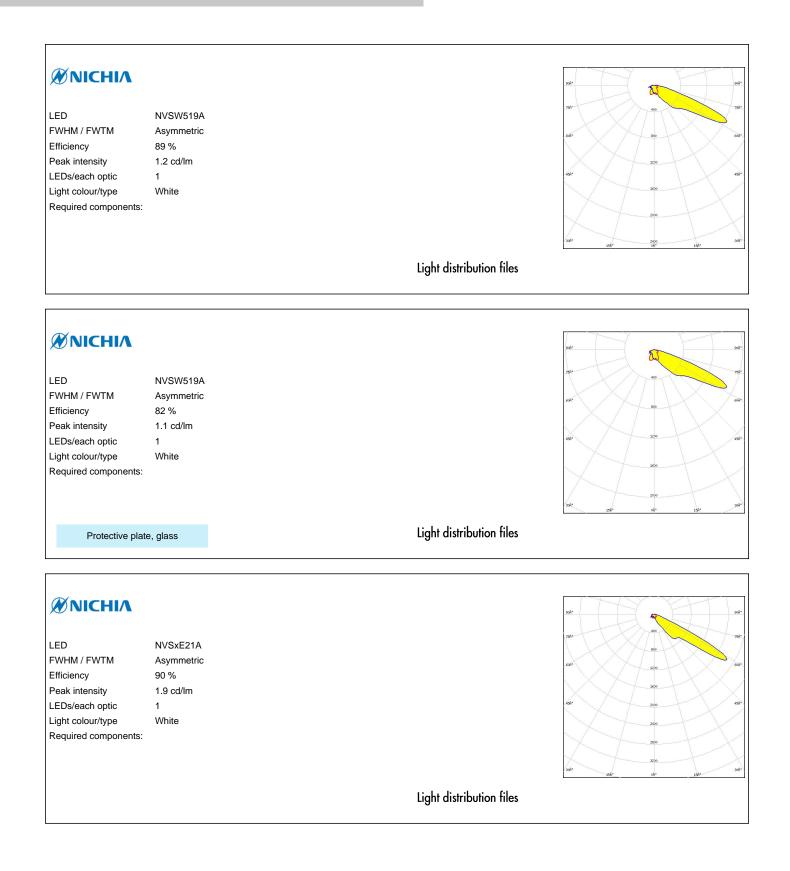


LUMILEDS I FD LUXEON XR-HL2X (L2H2-xxxxxxMLU010) FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **ΜΝΙCΗΙΛ** NF2x757G I FD FWHM / FWTM Asymmetric Efficiency 68 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour/type White Required components: C17580_STRADA-2X2-SHD-WHT Light distribution files Protective plate, glass **MNICHIA** NF2x757G LED FWHM / FWTM Asymmetric Efficiency 76 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files Protective plate, glass

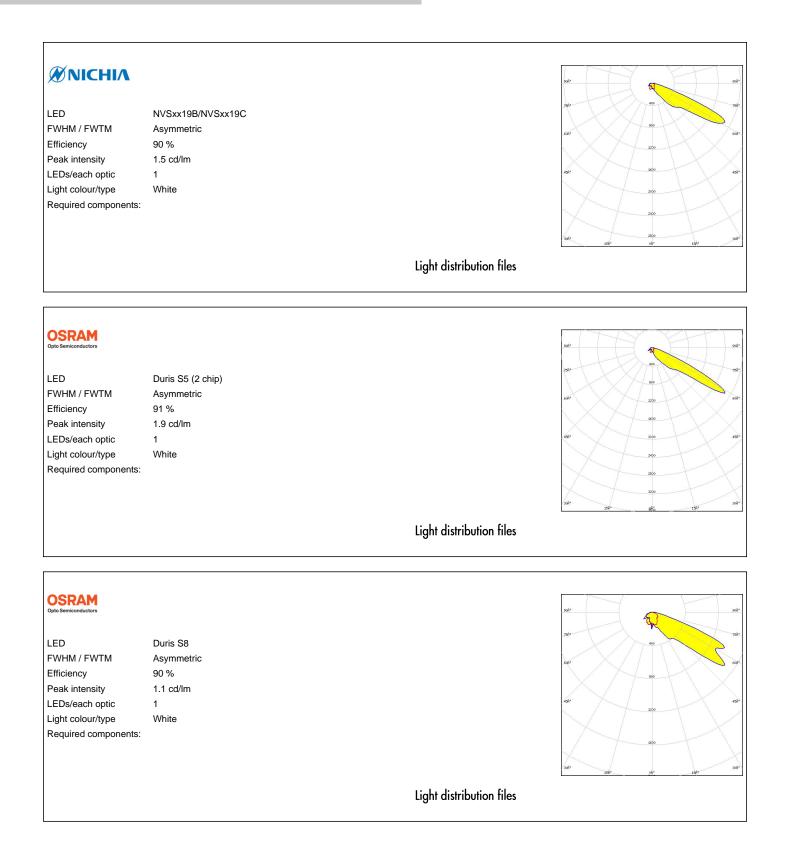














OSRAM Opto Semiconductors			9d*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSCONIQ P 3737 (2W version) Asymmetric 91 % 1.8 cd/lm 1 White		754 20 7 668 1520 6 520 200 6 520 200 6 534 200 4 534 156 30
		Light distribution files	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	OSCONIQ P 3737 Flat Asymmetric 88 %		50 ⁴ 75 ⁴ 63 ⁴ 63 ⁴ 120
Peak intensity LEDs/each optic Light colour/type Required components:	1.6 cd/lm 1 White		100 100 200 200 300 300 300 300 300 3
		Light distribution files	
OSRAM Opto Semiconductors			2007
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		175 ⁴ 100 100 100 100 100 100 100 10
		Light distribution files	

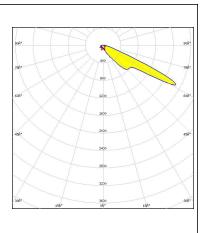


Corrections LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSLON Square CSSRM2/CSSRM3 Asymmetric 80 % 1.4 cd/lm 1 White		94 ⁴ 94 ⁴ 94 ⁴ 94 ⁴ 94 ⁴ 100 1100 100 100 100 100 100 1
Protective plate	ə, glass	Light distribution files	
COSRAM Opto Semiconductors		Light distribution files	
OSRAM Opto Semiconductors	OSLON Square Flat Asymmetric 93 % 1.9 cd/lm 1 White	Light distribution files	94 ¹ 94



OSRAM Opto Semiconductors

LED	OSTAR Projection Compact (KW.CSLNM1.TG)
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



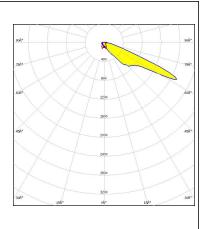
Light distribution files

PHILIPS Fortimo FastFlex LED 2x8 DA (U)HE I FD FWHM / FWTM Asymmetric Efficiency 78 % 0.9 cd/lm Peak intensity LEDs/each optic 1 Light colour/type White Required components: Light distribution files Protective plate, glass PHILIPS Fortimo FastFlex LED 2x8 DA (U)HE LED FWHM / FWTM Asymmetric 92 % Efficiency Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files

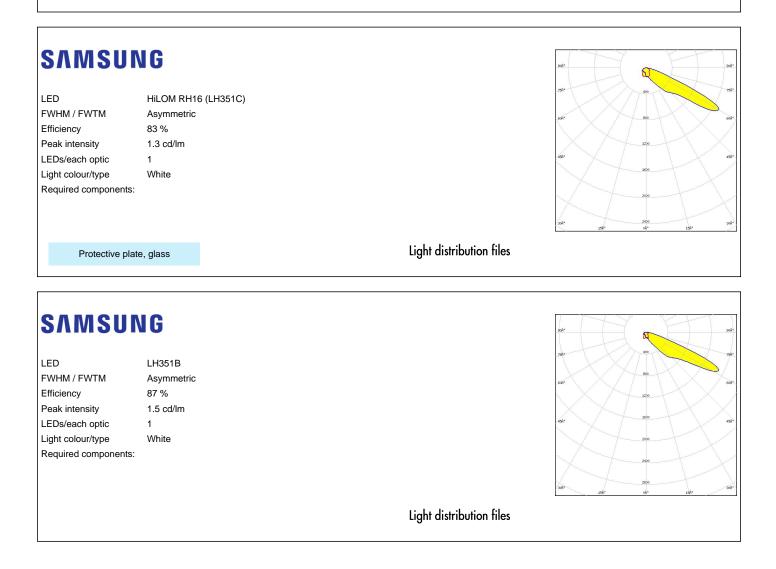


PHILIPS

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: Fortimo FastFlex LED 2x8 DA G4 Asymmetric 91 % 1.7 cd/lm 1 White



Light distribution files



Last update: 21/05/2025Subject to change without prior noticePublished: 03/09/2018LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.28/33



SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LH351B Asymmetric 75 % 1.2 cd/lm 1 White	9.00 ⁴ 750 ⁴ 600 600 600 600 600 600 600 600 600 60
Protective plate	, glass	Light distribution files
SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	CLH351D Asymmetric 86 % 1.2 cd/lm 1 White	Light distribution files
SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LH502D Asymmetric 86 % 1.1 cd/lm 1 White	Tight distribution files

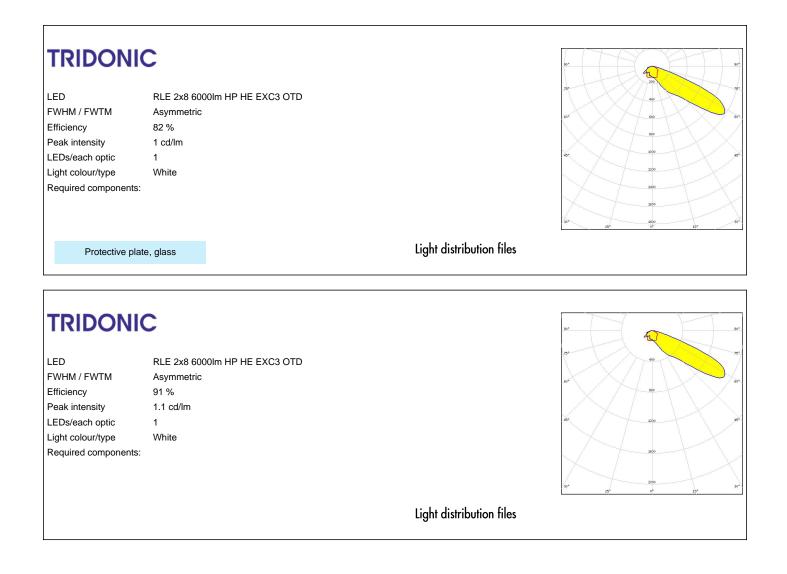


SAMSUN	IG	9d*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LH502D Asymmetric 73 % 1 cd/lm 1 White	
Protective plate	, glass	Light distribution files
SEOU		
SEQUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	SEOUL DC 5050 6V Asymmetric 90 % 1.1 cd/lm 1 White	20 ⁴ , 12 ⁴ , 50 ⁴ , 12 ⁴ , 20 20 ⁴ , 120 20 ⁴ , 120 20 20 20 20 20 20 20 20 20
		Light distribution files
COUL SEMICONDUCTOR		90 ¹
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	SEOUL DC 5050 6V Asymmetric 78 % 1 cd/lm 1 White	
Protective plate	, glass	Light distribution files



seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5M3-E1 Asymmetric 78 % 1.3 cd/lm 1 White	
Protective plate	e, glass	Light distribution files
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5M3-E1 Asymmetric 93 % 1.6 cd/lm 1 White	subted free pleaseries data
secul semiconductor	Z8Y22	90 ⁴ 75 ⁶ 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Asymmetric 78 % 1.3 cd/lm 1	
Protective plate	e, 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 7 FI-24100 SALO Finland

LEDiL Inc. 228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations Poznan, Poland Hong Kong, China

Distribution Partners www.ledil.com/ where_to_buy