

# PRODUCT DATASHEET C16505\_STRADA-2X2-T3-M

# STRADA-2X2-T3-M

IESNA Type III (medium) beam with excellent backlight control, illuminance uniformity and cutoff

#### **SPECIFICATION:**

Dimensions Height Fastening ROHS compliant 50.0 x 50.0 9.7 mm glue, pin, screw yes ①



#### **MATERIALS:**

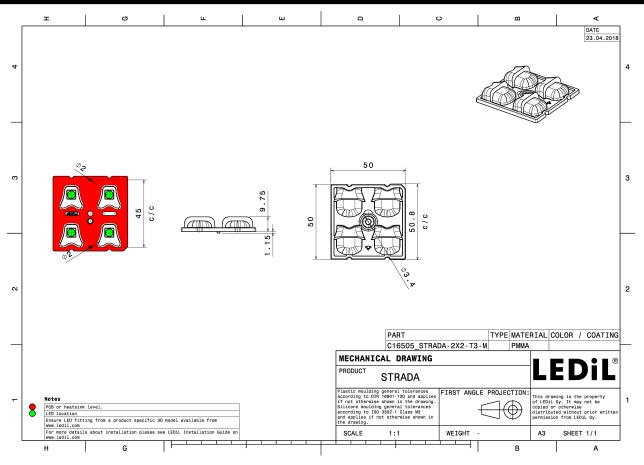
Component	Туре	Material	Colour	Finish	Length (mm)
STRADA-2X2-T3-M	Multi-lens	PMMA	clear		

#### **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16505_STRADA-2X2-T3-M	800	160	160	8.7
» Box size: 476 x 273 x 292 mm				



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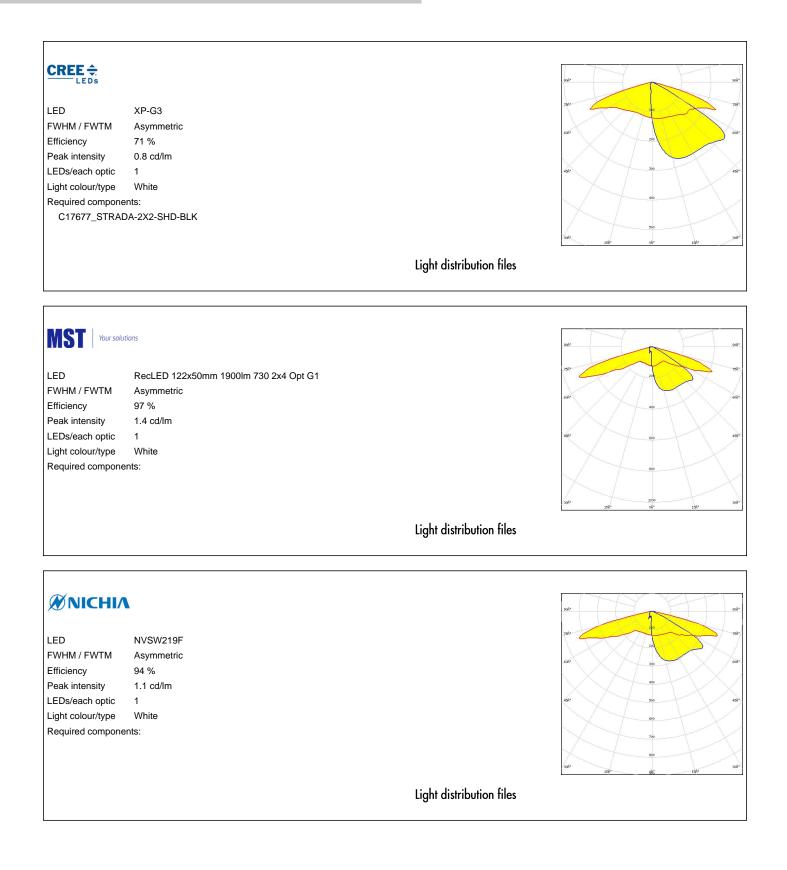


See also our general installation guide: www.ledil.com/installation\_guide



CREE Construction	XM-L3 Asymmetric 95 % 1.1 cd/lm 1 White mts:	
		Light distribution files
CREE S LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	XP-G2 Asymmetric 94 % 1.3 cd/lm 1 White mts:	Light distribution files
CREE C LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone C17580_STRAE	XP-G3 Asymmetric 85 % 0.9 cd/lm 1 White ints: DA-2X2-SHD-WHT	
		Light distribution files







#### **ΜΝΙCΗΙΛ** LED NVSW319B Asymmetric FWHM / FWTM Efficiency 94 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM Opto Semiconductore LED Duris S8 FWHM / FWTM Asymmetric Efficiency 96 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM Opto S LED **OSLON Square PC** FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



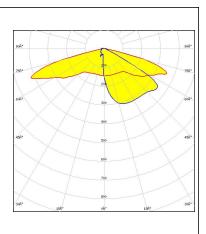
#### **PHILIPS** LED Fortimo FastFlex LED 2x8 DA G4+ FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **SAMSUNG** LED HiLOM RC12 Z (LH181B) FWHM / FWTM Asymmetric Efficiency 96 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SAMSUNG LED HiLOM RH12 Z (LH351C) FWHM / FWTM Asymmetric Efficiency 96 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



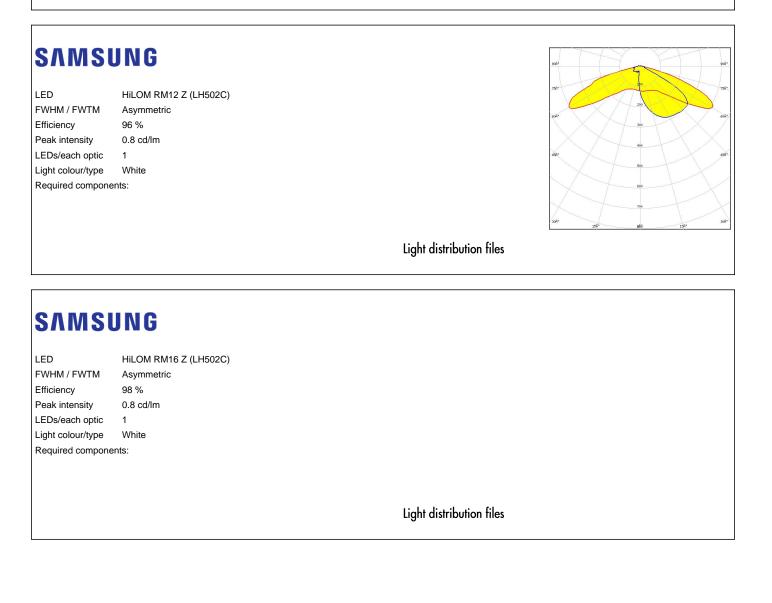
# SAMSUNG

LEDHiLOMFWHM / FWTMAsymmEfficiency94 %Peak intensity1 cd/mLEDs/each optic1Light colour/typeWhiteRequired components:

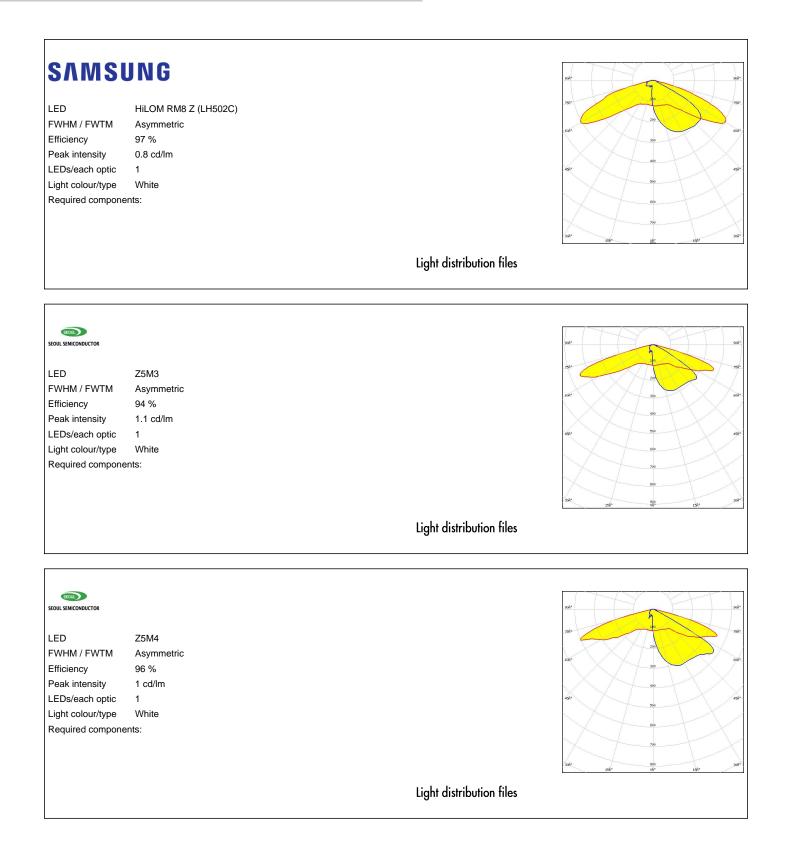
HiLOM RH16 (LH351C) Asymmetric 94 % 1 cd/lm 1 White ents:



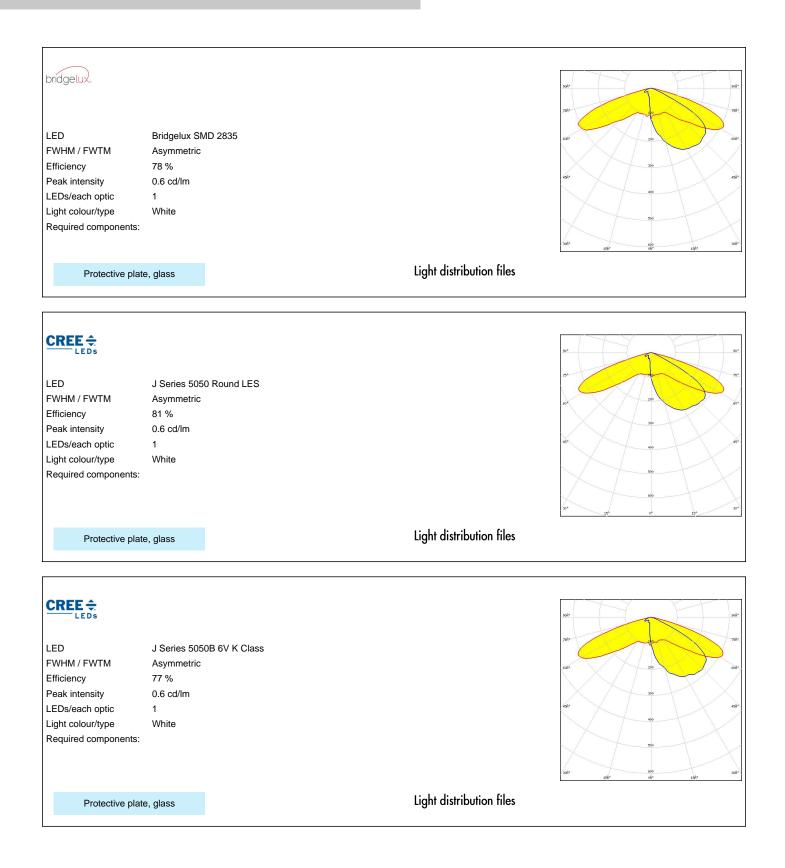
Light distribution files



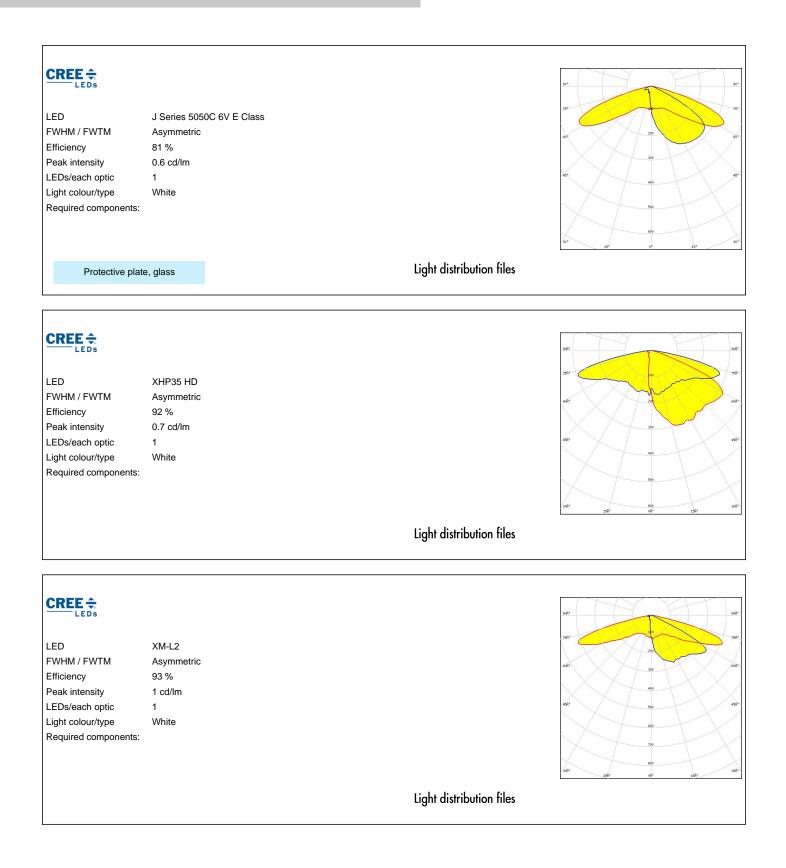




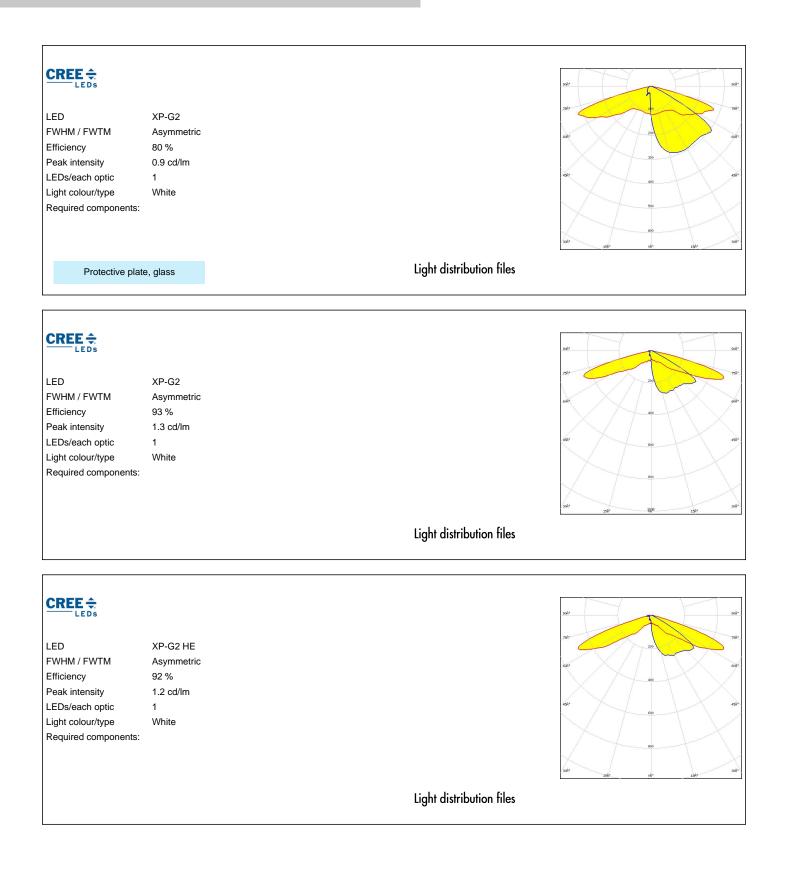








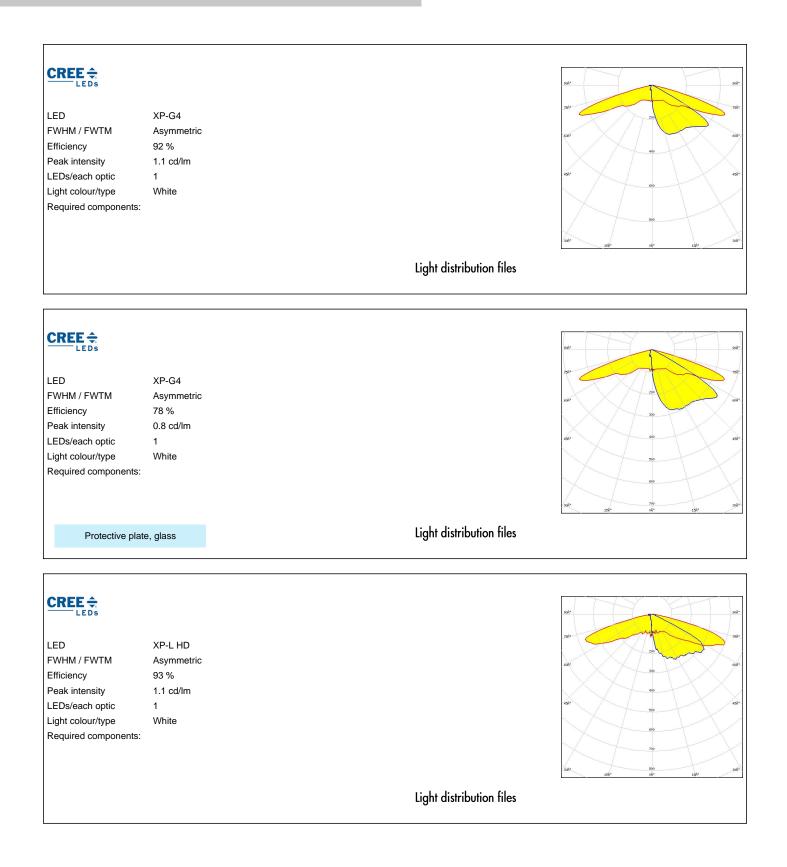




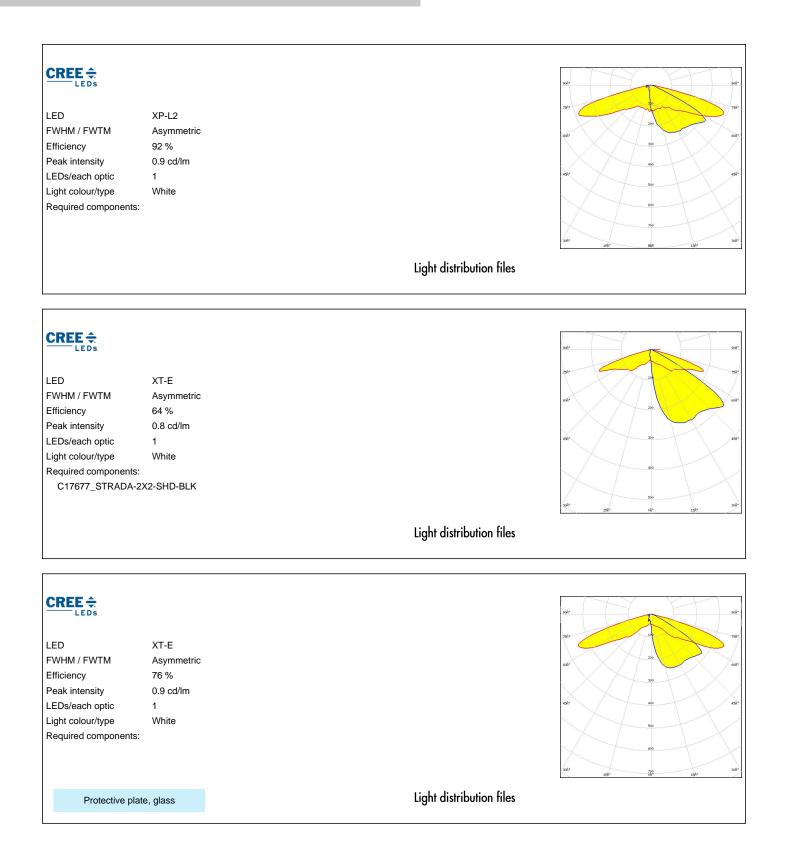


CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XP-G3 Asymmetric 92 % 1 cd/lm 1 White		994* 994* 994* 994 994 994 990 664* 900 664* 900 664* 669 664* 669 664* 669 664* 669 664* 669 664* 664*
		Light distribution f	300 300* <u>300</u> * <u>300</u> * Siles
CREECS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XP-G3 Asymmetric 74 % 0.7 cd/lm 1 White	Light distribution f	iles
	5, 91035		
CREES LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: C17580_STRADA-2)	XP-G3 Asymmetric 71 % 0.6 cd/lm 1 White (2-SHD-WHT		
Protective plate	e, glass	Light distribution f	iles

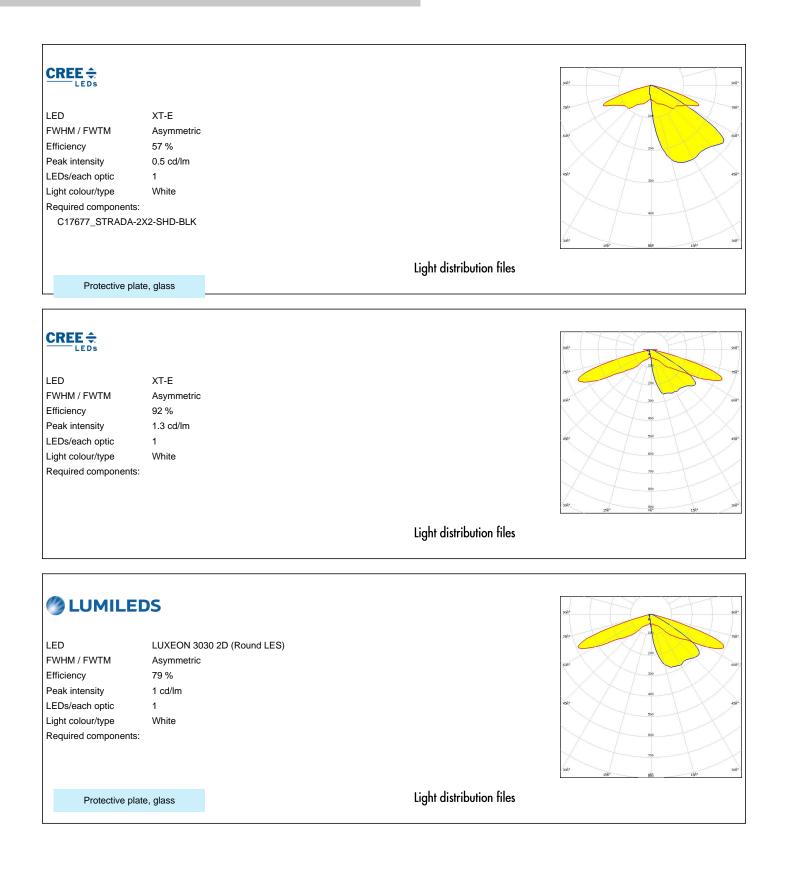




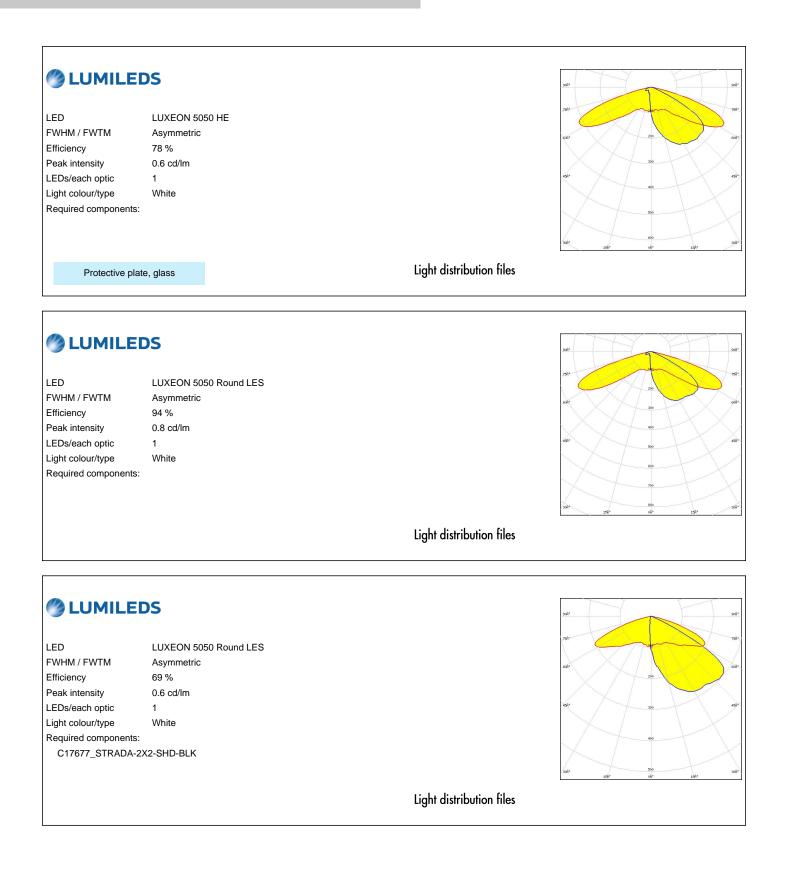




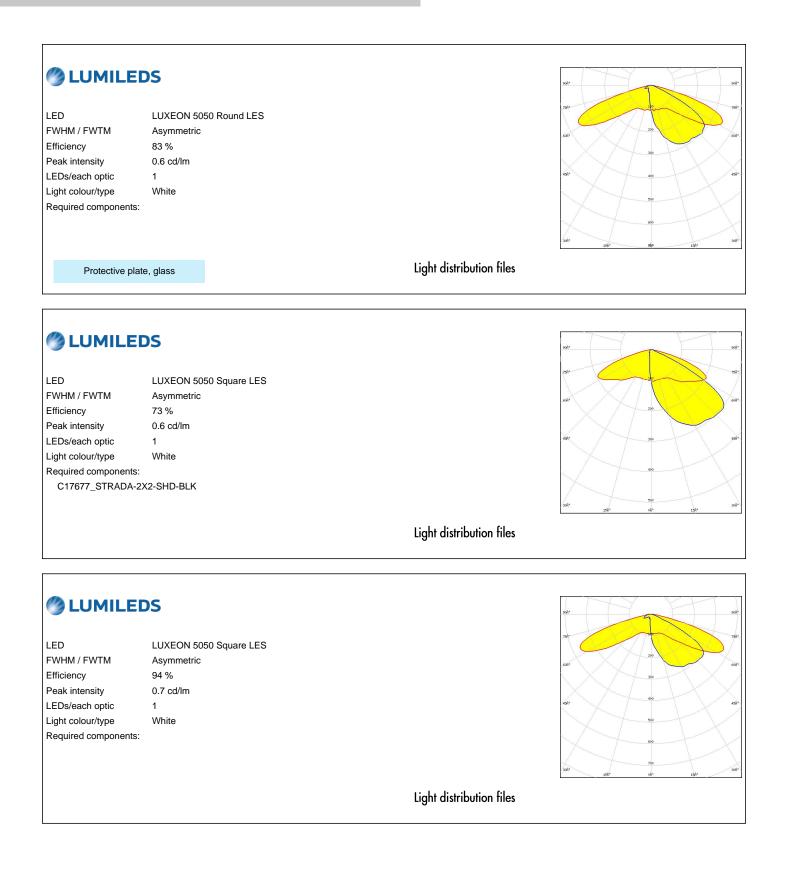




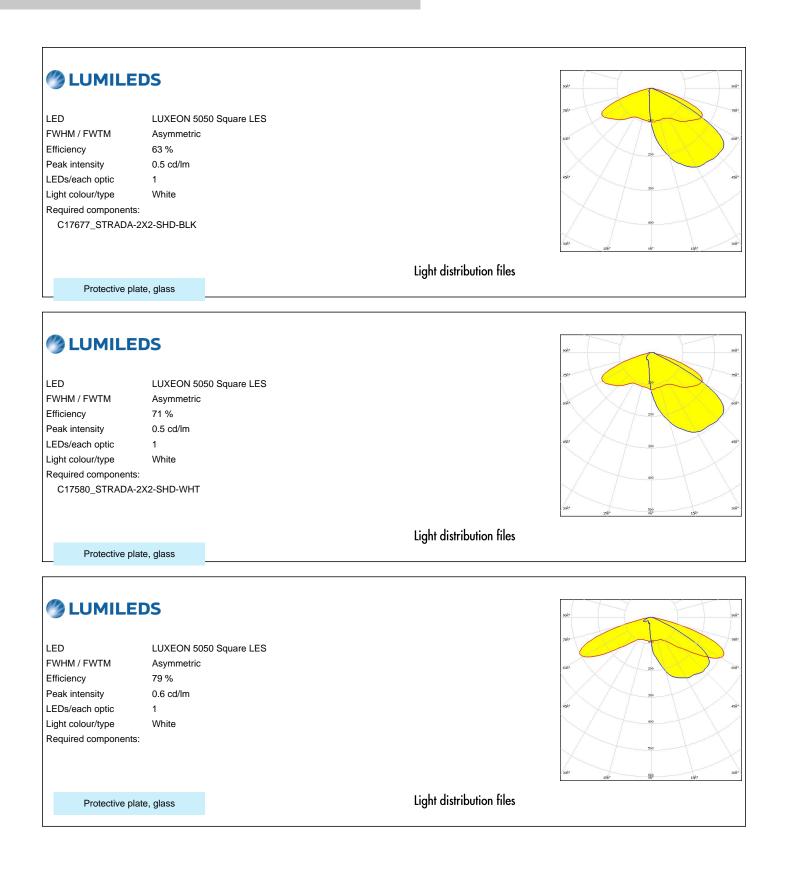




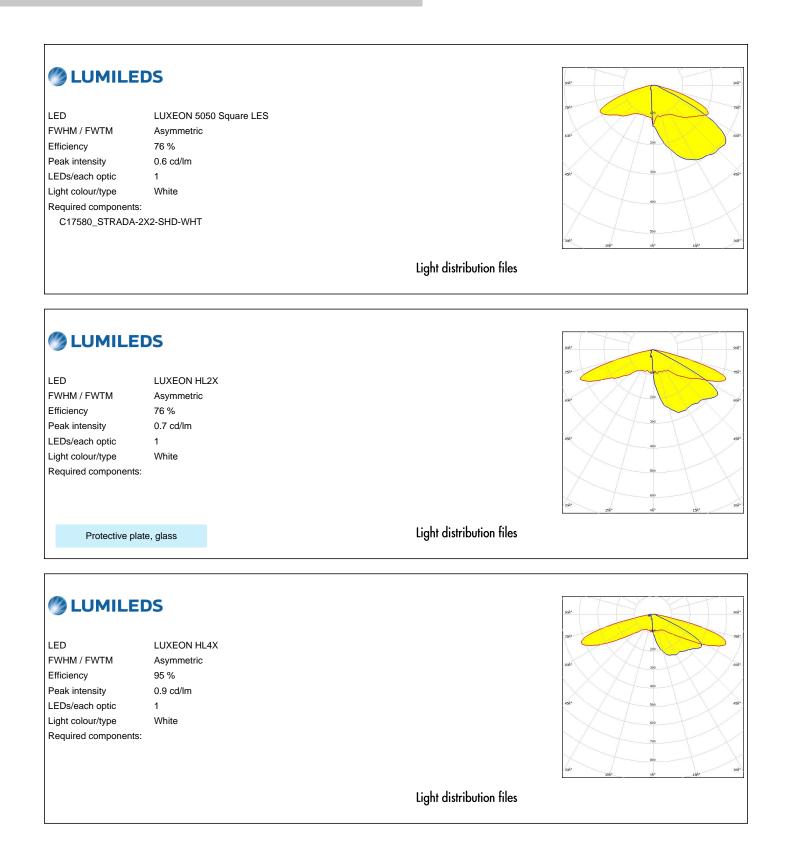




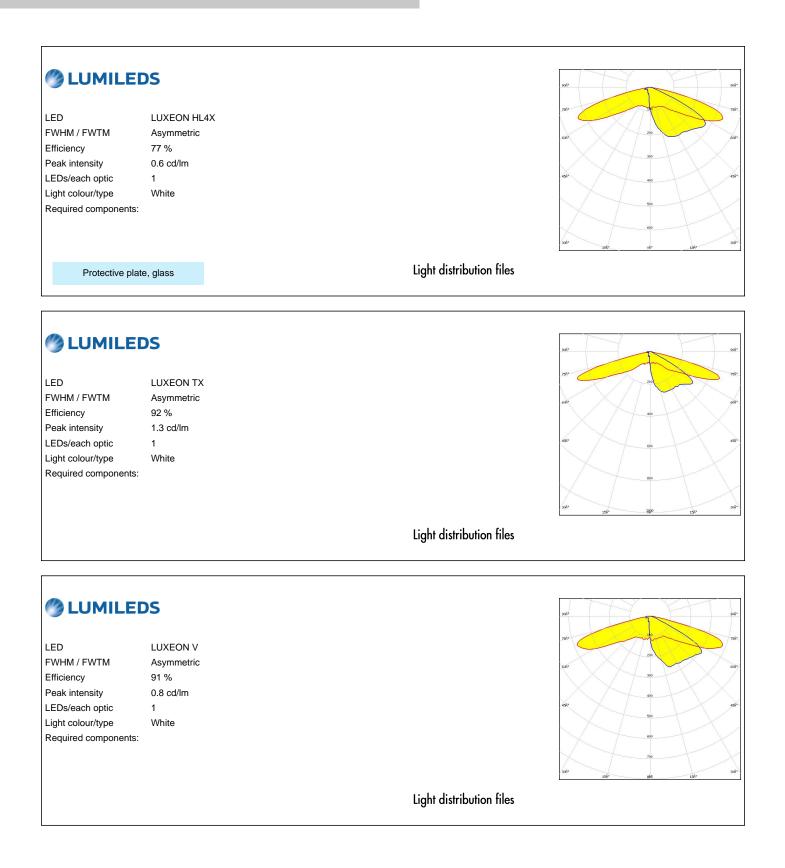






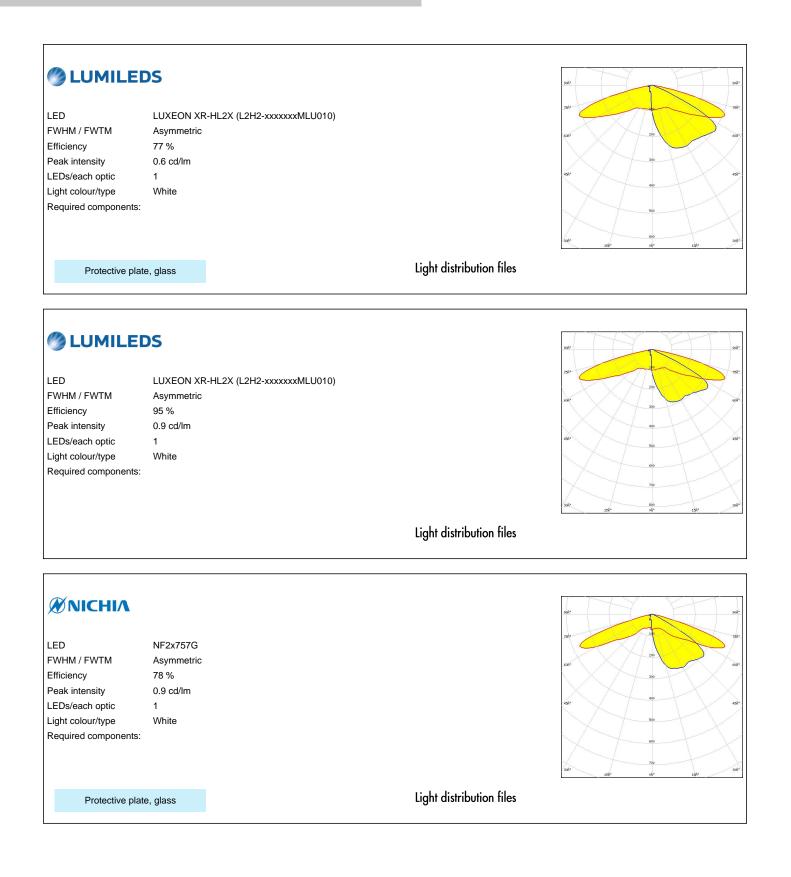




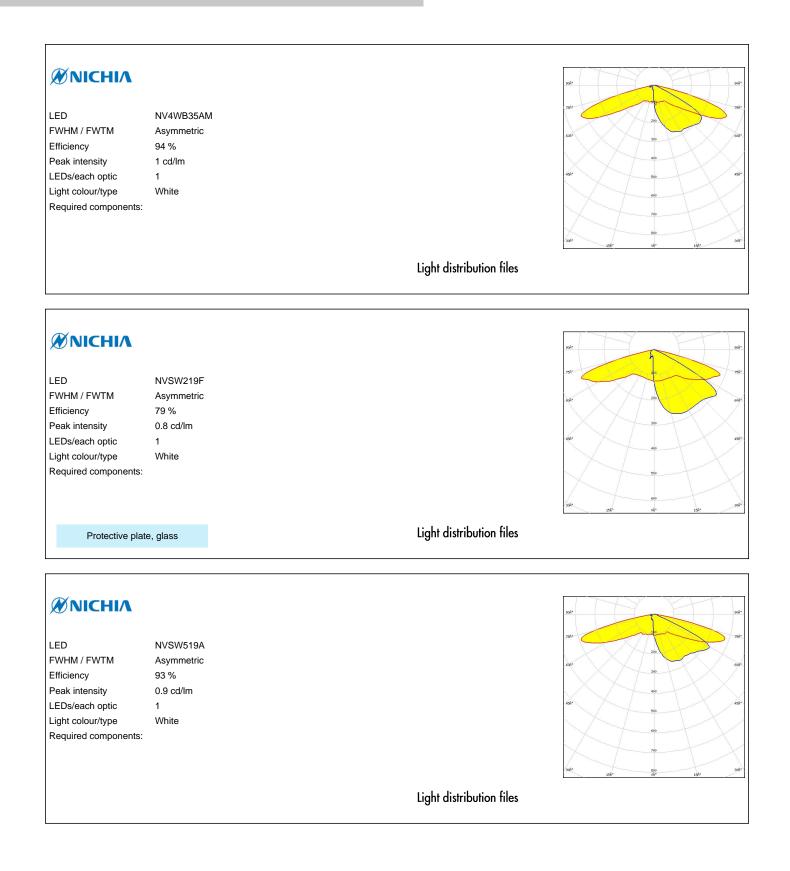


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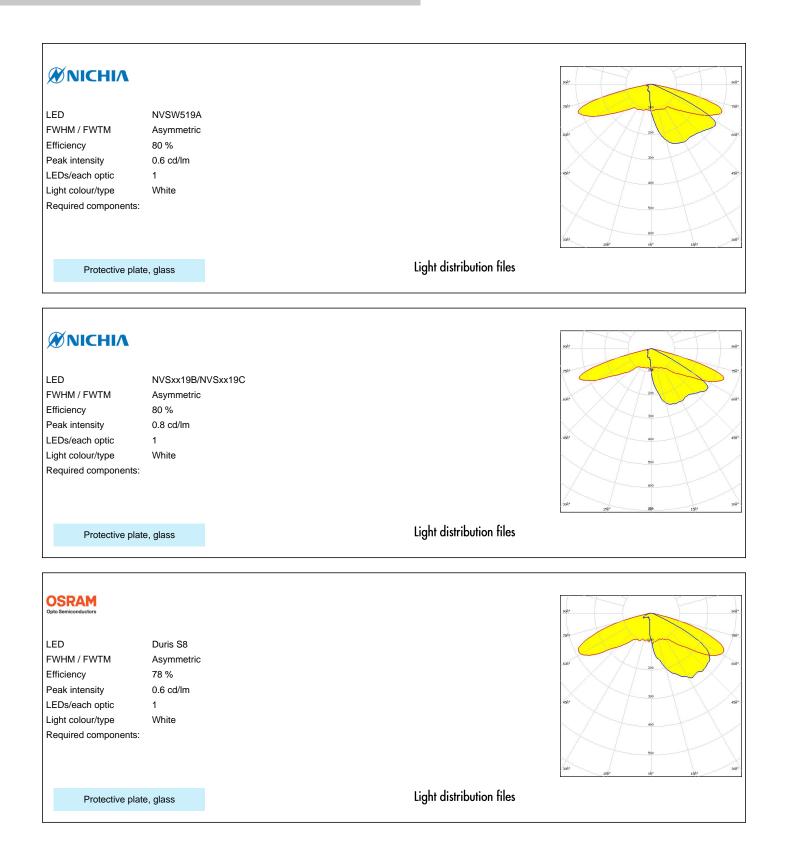














OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Duris S8 Asymmetric 92 % 0.7 cd/lm 1 White		56 56   20 66   20 66   20 66   20 66   20 66   20 66   20 66   20 66   20 66   20 66   20 66   20 66   20 66   20 66   20 66   20 66   20 66   20 66   20 66   20 70   20 70   20 70   20 70   20 70   20 70   20 70   20 70   20 70   20 70   20 70   20 70   20 70   20 70   20 <
		Light distribution files	
COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSCONIQ C 2424 Asymmetric 92 % 0.7 cd/lm 4 White	Light distribution files	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSCONIQ P 3737 (2W version) Asymmetric 93 % 1.2 cd/lm 1 White	Light distribution files	



#### OSRAM Opto Semiconductore I FD OSCONIQ P 3737 (3W version) FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM Opto Semiconductore OSLON Square CSSRM2/CSSRM3 I FD FWHM / FWTM Asymmetric Efficiency 76 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour/type White Required components: C17580\_STRADA-2X2-SHD-WHT Light distribution files OSRAM Op OSLON Square CSSRM2/CSSRM3 LED FWHM / FWTM Asymmetric Efficiency 66 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: C17580\_STRADA-2X2-SHD-WHT Light distribution files Protective plate, glass

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#### OSRAM Opto Semiconductore I FD OSLON Square CSSRM2/CSSRM3 FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM Opto Semiconductore OSLON Square CSSRM2/CSSRM3 I FD FWHM / FWTM Asymmetric Efficiency 70 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour/type White Required components: C17677\_STRADA-2X2-SHD-BLK Light distribution files OSRAM Op OSLON Square CSSRM2/CSSRM3 LED FWHM / FWTM Asymmetric Efficiency 80 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour/type White Required components:

Protective plate, glass

#### Light distribution files

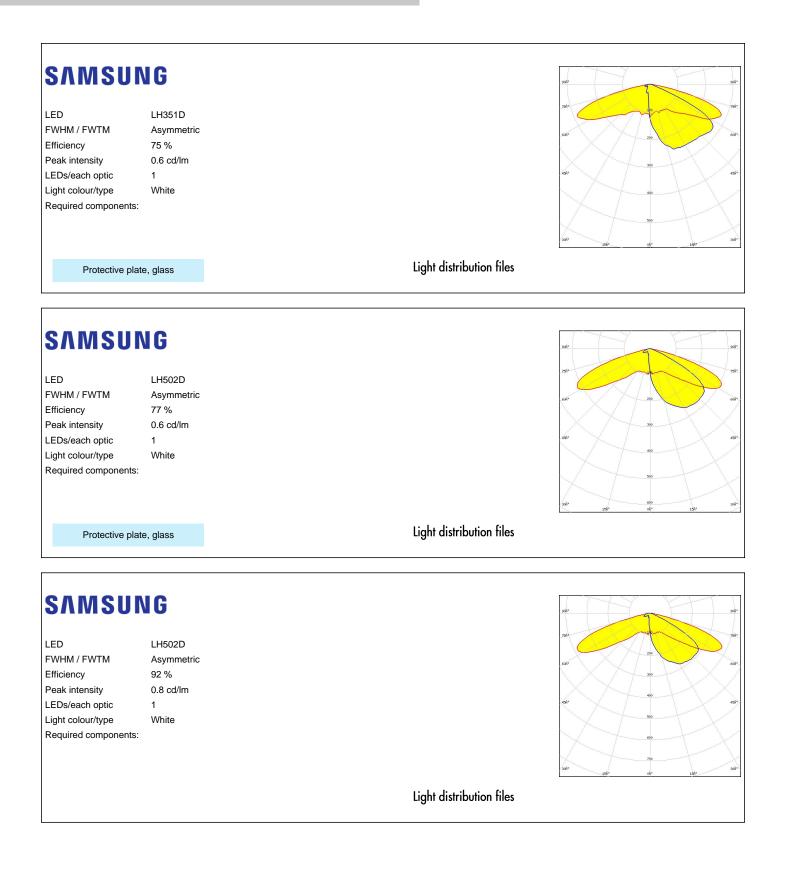


COSREM Determineductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: C17677_STRADA-2X	OSLON Square CSSRM2/CSSRM3 Asymmetric 60 % 0.5 cd/lm 1 White 2-SHD-BLK		- 100 - 100   - 100 - 100   - 100 - 100   - 100 - 100   - 100 - 100   - 100 - 100   - 100 - 100   - 100 - 100   - 100 - 100   - 100 - 100
		Light distribution files	
Protective plate	, glass		
PHILIPS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Fortimo FastFlex LED 2x8 DA G4 Asymmetric 80 % 1.2 cd/lm 1 White	1:1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	94* 
Protective plate	, glass	Light distribution files	
PHILIPS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 79 % 1 cd/lm 1 White		9.64°
Protective plate	, glass	Light distribution files	











SEOUL SEOUL SEMICONDUCTOR		240	
LED	MJT 5050	734	
FWHM / FWTM	Asymmetric	. 50%	
Efficiency	92 %	× / 30	
Peak intensity	0.7 cd/lm		
LEDs/each optic	1		$\neg X$
Light colour/type	White	200	
Required components:		00	
		70	
		Light distribution files	1580
		Light distribution files	
SEQU			VH
SEOUL SEMICONDUCTOR		501*	
LED	SEOUL DC 5050 6V	258-	
FWHM / FWTM	Asymmetric	200	
Efficiency	92 %	300	FXX.
Peak intensity	0.7 cd/lm	$\times$ $\times$ /	
LEDs/each optic	1	431* 460	$+ \chi$
Light colour/type	White	200	-+-
Required components:			1
		70 300 - 154 - 040	1580
		Light distribution files	
SEOUL SEMICONDUCTOR		905	
LED	SEOUL DC 5050 6V	27510-	$\sim$
FWHM / FWTM	Asymmetric	66 <sup>4</sup>	
Efficiency	77 %	200	MX.
Peak intensity	0.5 cd/lm	X	
LEDs/each optic	1	474°	
Light colour/type	White	40	
Required components:			
		50 1981	
		1	158*
Protective plate	, glass	Light distribution files	



Protective plate	, glass	Light distribution files
SCOUL SEMICONDUCTOR ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5M3-E1 Asymmetric 79 % 0.7 cd/lm 1 White	ticks distribution files
Protective plate.	glass	Light distribution files
SEQUEL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5M3 Asymmetric 77 % 0.8 cd/lm 1 White	
		Light distribution files
SEQUE SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5M1/Z5M2 Asymmetric 93 % 1.2 cd/lm 1 White	

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SEOUL SEMICONDUCTOR		942
LED	Z5M3-E1	75/r
FWHM / FWTM	Asymmetric	
Efficiency	95 %	solve
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required components:		00
		70
		Simulated from photometric data 2014 2510 0410 1511
		Light distribution files
SEOUL SEMICONDUCTOR		yar
		1
LED	Z5M4	754-
FWHM / FWTM	Asymmetric	sat.
Efficiency	80 %	
Peak intensity	0.7 cd/lm	***
LEDs/each optic	1	
Light colour/type	White	$\times$ $\wedge$ $\times$
Required components:		50
		304° 254° (01° 154°
Protective plat	e, glass	Light distribution files
SEQUES		84
LED	Z5M4-E1	72
FWHM / FWTM	Asymmetric	
Efficiency	79 %	
Peak intensity	0.7 cd/lm	**
LEDs/each optic	1	67 60
Light colour/type	White	$\times$ / $\top$ / $\times$
Required components:		30
		00
		50*



SEOUL SEMICONDUCTOR		
LED	Z5M4-E1	73
FWHM / FWTM	Asymmetric	
Efficiency	95 %	60 <sup>4</sup> 300
Peak intensity	1 cd/lm	40
LEDs/each optic	1	65 500
Light colour/type	White	
Required components:		
		70
		Similated from plotoestric data 25° 0° 25°
		Light distribution files
		207
LED	Z5M4-E2	20
FWHM / FWTM	Asymmetric	200
Efficiency	78 %	
Peak intensity	0.7 cd/lm	30
LEDs/each optic	1	-67
Light colour/type	White	$\times / \top \times$
Required components:		26
Protective plate	ə, glass	Light distribution files
SEOUL SEMICONDUCTOR		84
LED	Z5M4-E2	
FWHM / FWTM	Asymmetric	
Efficiency	95 %	
Peak intensity	1 cd/lm	
LEDs/each optic	1	67 50
Light colour/type	White	00
Required components:		70
		Simulated from photometric data
		Light distribution files



# PRODUCT DATASHEET C16505\_STRADA-2X2-T3-M

#### **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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