

PRODUCT DATASHEET C13805_STRADA-2X2-T4

STRADA-2X2-T4

IESNA Type IV beam for wider roads and large outdoor area

SPECIFICATION:

Dimensions	50.0 x 50.0
Height	7.7 mm
Fastening	pin, screw
ROHS compliant	yes 🛈



MATERIALS:

Component	Туре	Material	Colour	Finish	Length (mm)
STRADA-2X2-T4	Multi-lens	PMMA	clear		

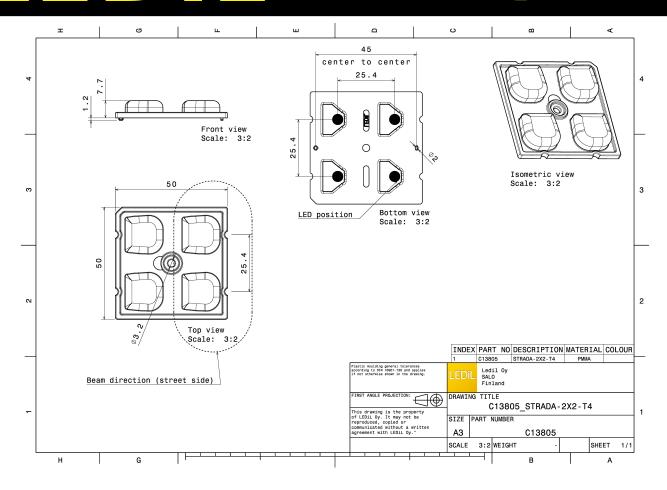
ORDERING INFORMATION:

Component

C13805_STRADA-2X2-T4 » Box size: 480 x 280 x 300 mm

Qty in box	MOQ	MPQ	Box weight (kg)
800	160	160	7.7

PRODUCT DATASHEET C13805_STRADA-2X2-T4

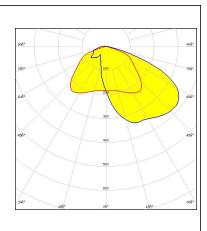


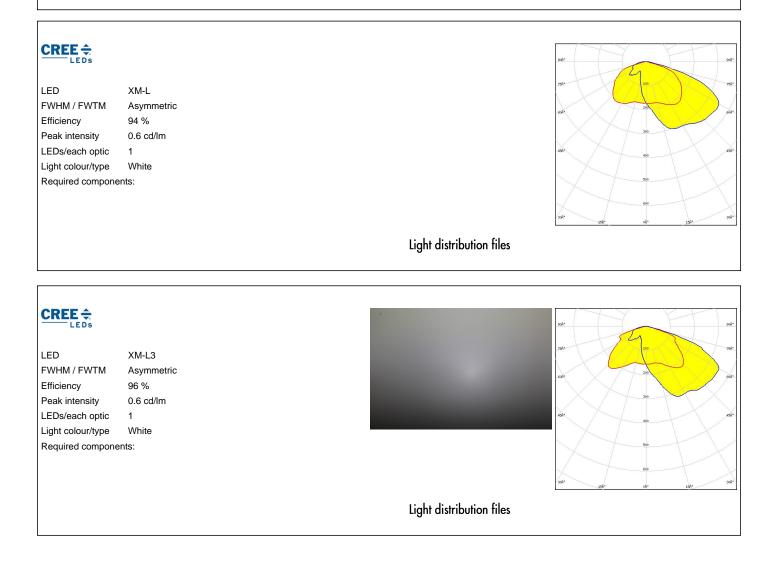
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See also our general installation guide: <u>www.ledil.com/installation_guide</u>

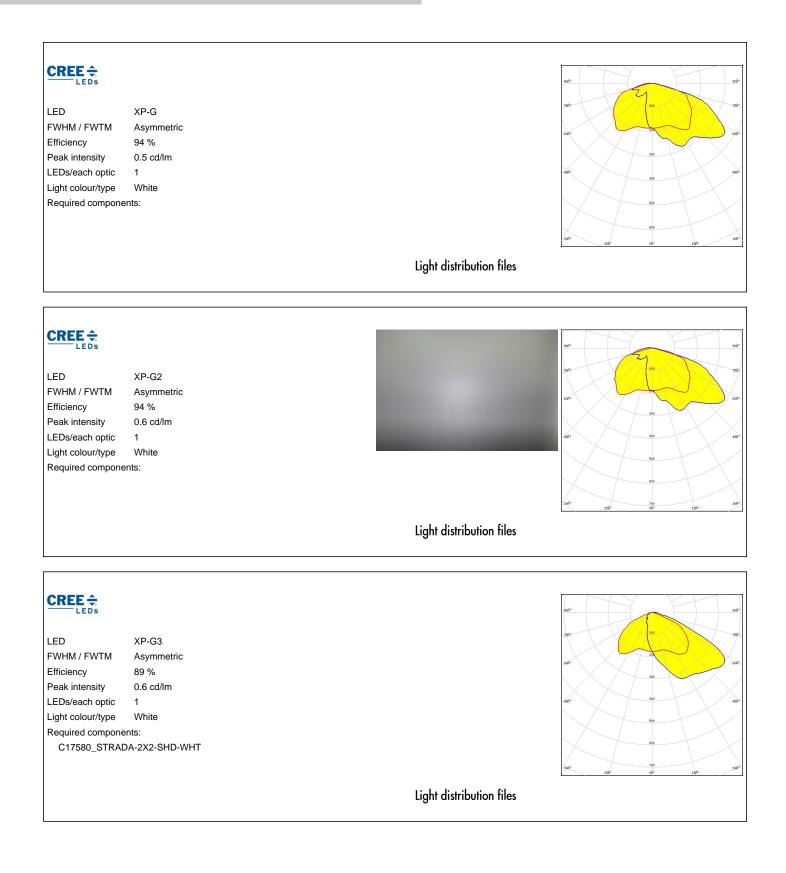


LED	J Series 5050C 6V E Class
FWHM / FWTM	Asymmetric
Efficiency	97 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required componen	ts:

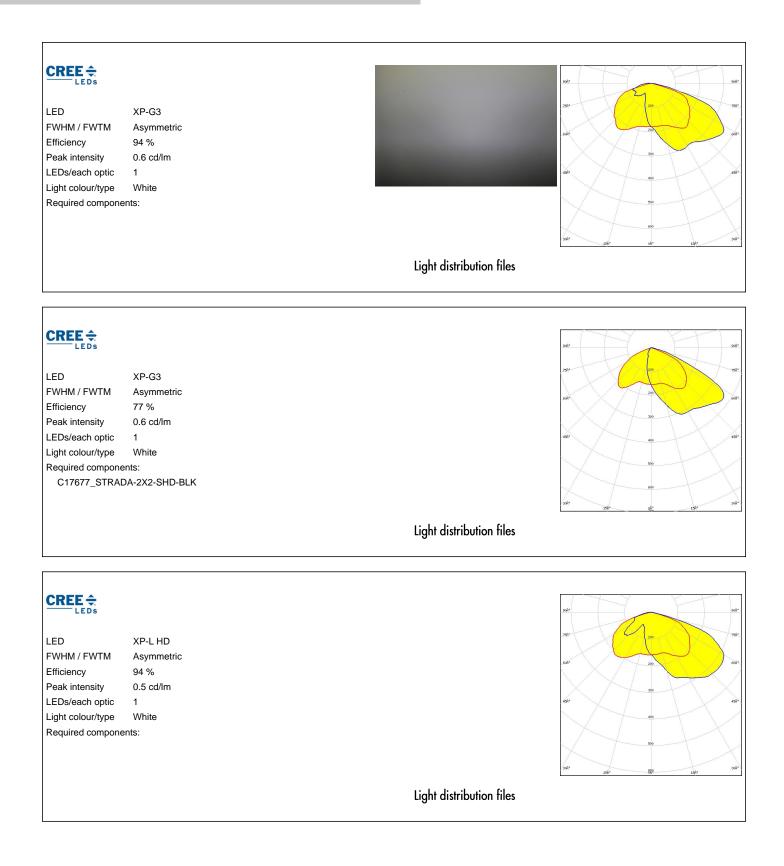




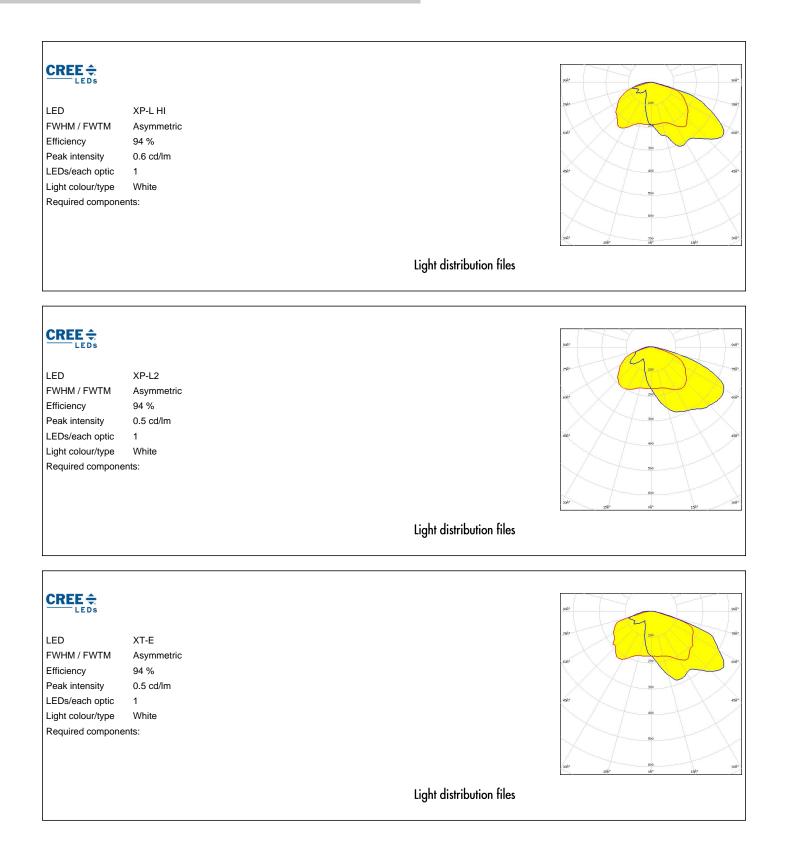








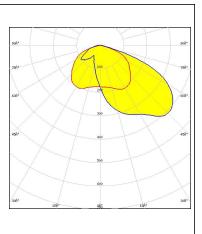




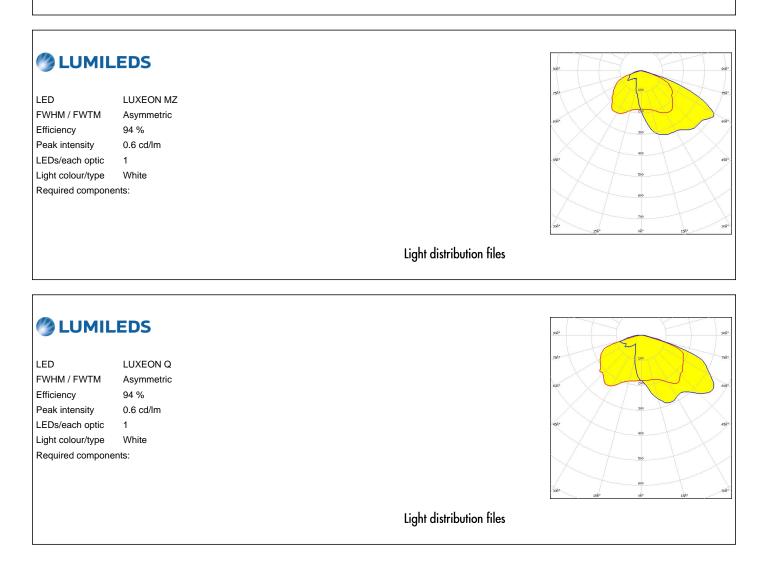


UMILEDS

LEDLUXEON 5050 Round LESFWHM / FWTMAsymmetricEfficiency94 %Peak intensity0.5 cd/lmLEDs/each optic1Light colour/typeWhiteRequired components:



Light distribution files

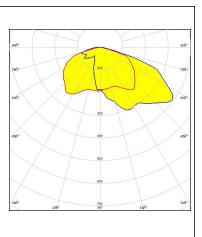


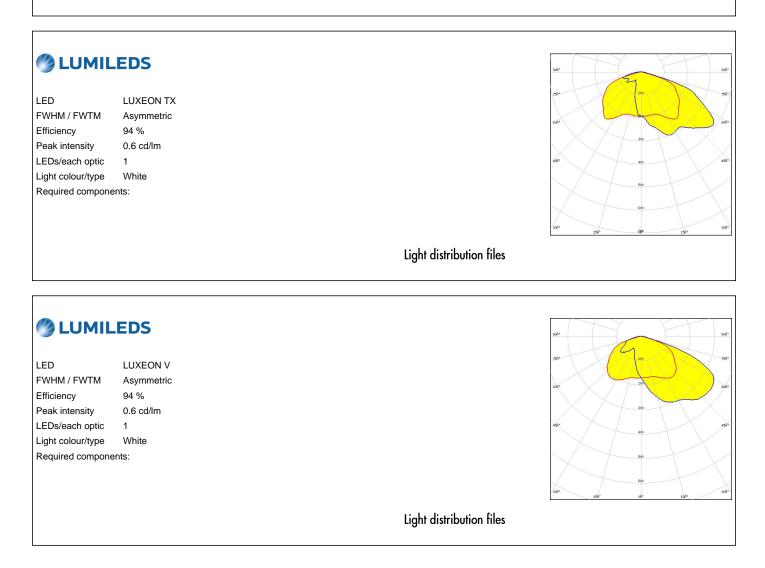
Last update: 05/06/2025Subject to change without prior noticePublished: 19/05/2020LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.7/53



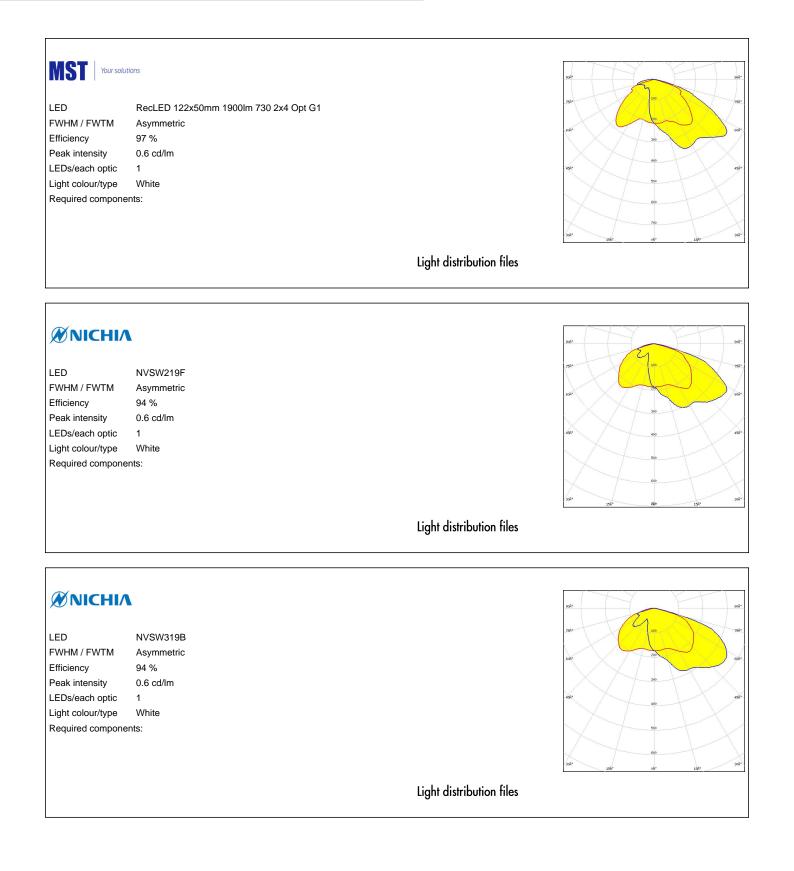
UMILEDS

LED	LUXEON T
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required componen	ts:

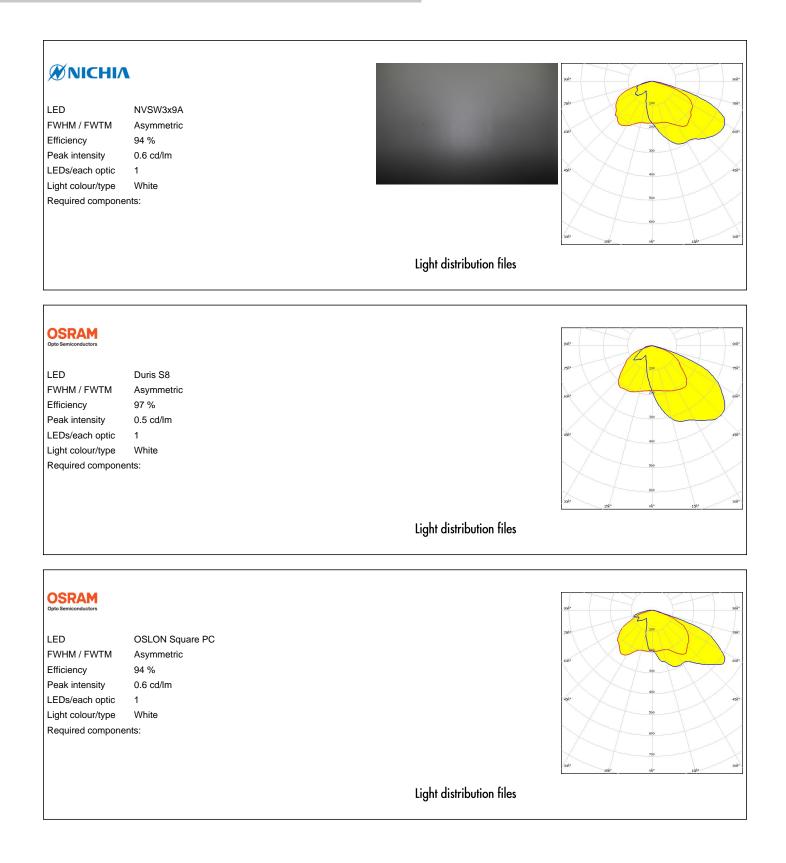














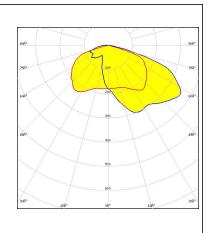
PHILIPS LED Fortimo FastFlex LED 2x8 DA G4 FWHM / FWTM Asymmetric Efficiency % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files PHILIPS LED Fortimo FastFlex LED 2x8 DA G4+ FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files PHILIPS LED Fortimo FastFlex LED 2x8 DA G5 FWHM / FWTM Asymmetric Efficiency 97 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files

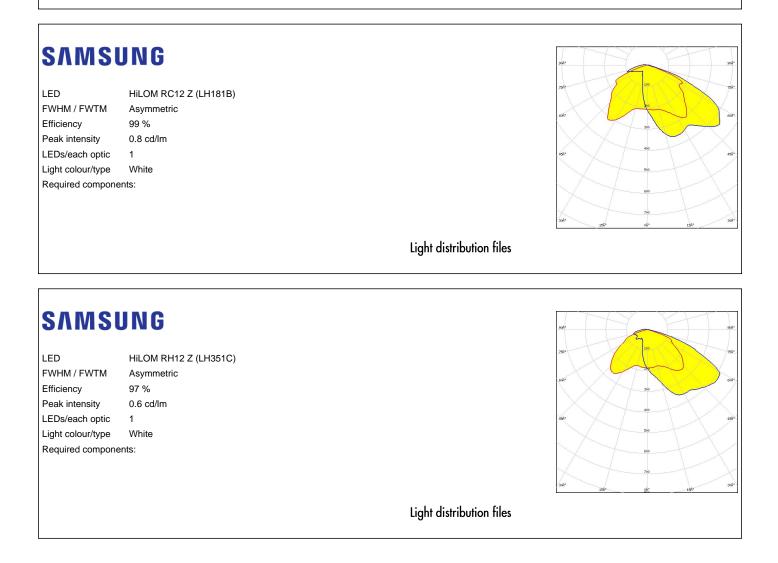


PHILIPS

LEDForFWHM / FWTMAsyEfficiency94LEDs/each optic1Light colour/typeWhRequired components:

Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 1 White ts:



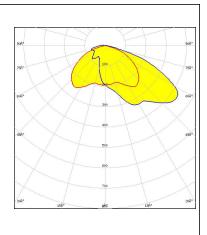


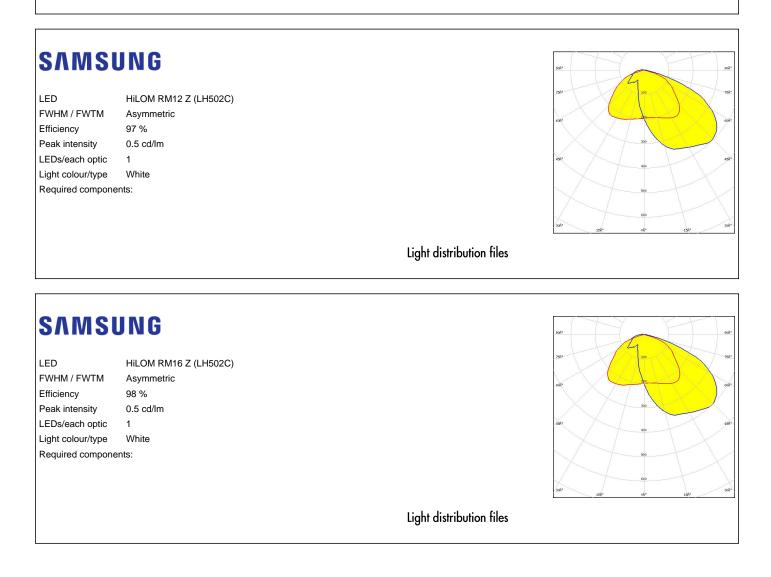


SAMSUNG

LEDHiLOMFWHM / FWTMAsymmEfficiency94 %Peak intensity0.6 cdLEDs/each optic1Light colour/typeWhiteRequired components:

HiLOM RH16 (LH351C) Asymmetric 94 % 0.6 cd/lm 1 White ents:







SAMSUNG

 LED
 HiLOM RM8 Z (LH502C)

 FWHM / FWTM
 Asymmetric

 Efficiency
 97 %

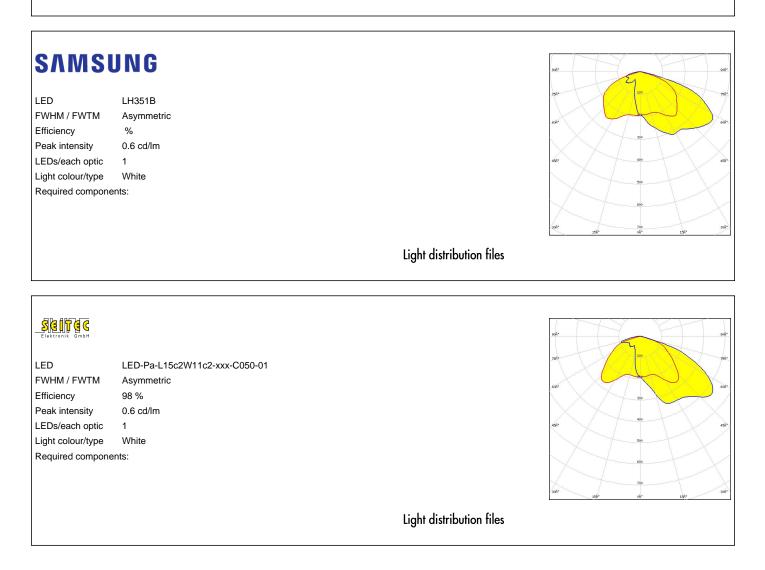
 Peak intensity
 0.5 cd/lm

 LEDs/each optic
 1

 Light colour/type
 White

 Required components:
 Section 2011

50² 70⁴ 70





SEQUI SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Z5M3 Asymmetric 94 % 0.6 cd/lm 1 White Ints:	Light distribution files
SEQUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Z5M4 Asymmetric 97 % 0.6 cd/lm 1 White ints:	Light distribution files
		-
SECUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Z8Y22 Asymmetric 94 % 0.7 cd/lm 1 White Ints:	
		Light distribution files



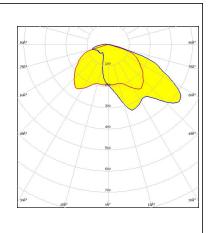
SEOUL			
SEOUL SEMICONDUCTOR FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Z8Y22P Asymmetric 94 % 0.6 cd/lm 1 White nts:		
		Light distribution files	134, 04, 134,
TOSHIBA			
Leading Innovation >>> FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	TL1L4 Asymmetric 91 % 0.6 cd/lm 1 White nts:		200° 200 200 200 200 200 200 200
		Light distribution files	
TRIDON	lic		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	RLE 2x4 2000lm HP EXC2 OTD Asymmetric 94 % 0.6 cd/lm 1 White		59° 731 64° 55° 50° 60° 50° 60° 50° 50° 50° 50° 50° 50° 50° 5

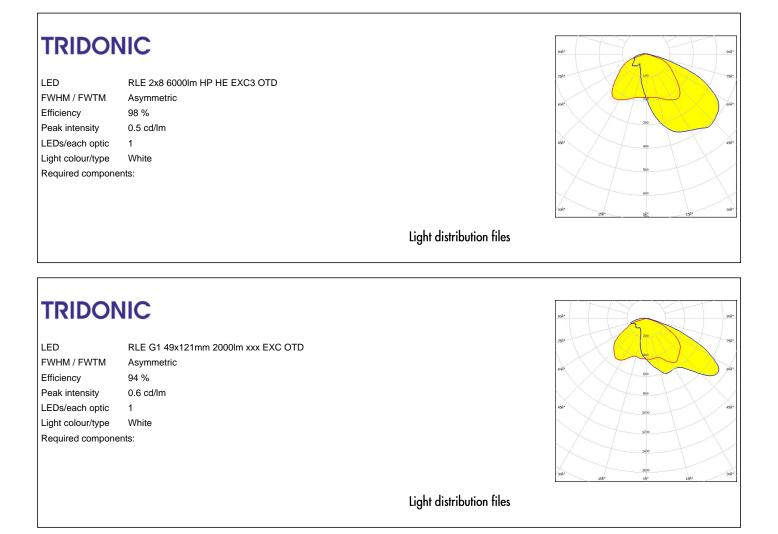


TRIDONIC

LEDRIFWHM / FWTMAsEfficiency94Peak intensity0.1LEDs/each optic1Light colour/typeWRequired components:

RLE 2x8 4000lm HP EXC2 OTD Asymmetric 94 % 0.6 cd/lm 1 White ts:



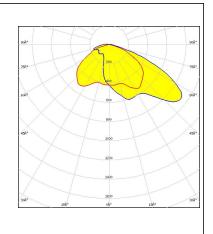




TRIDONIC

LED	F
FWHM / FWTM	A
Efficiency	ę
Peak intensity	C
LEDs/each optic	1
Light colour/type	١
Required componer	nts

RLE G1 49x133mm 2000lm xxx EXC OTD Asymmetric 94 % 0.6 cd/lm 1 White ents:



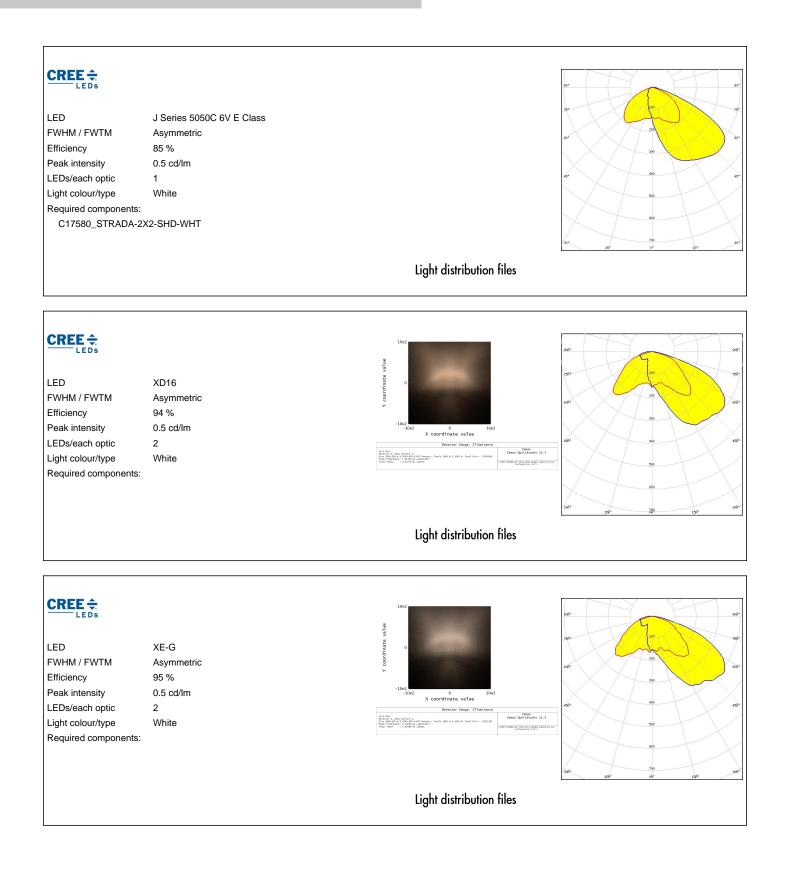
Light distribution files

TRIDONIC LED RLE G1 49x223mm 4000lm xxx EXC OTD FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files TRIDONIC LED RLE G1 49x245mm 4000lm xxx EXC OTD FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour/type White Required components:

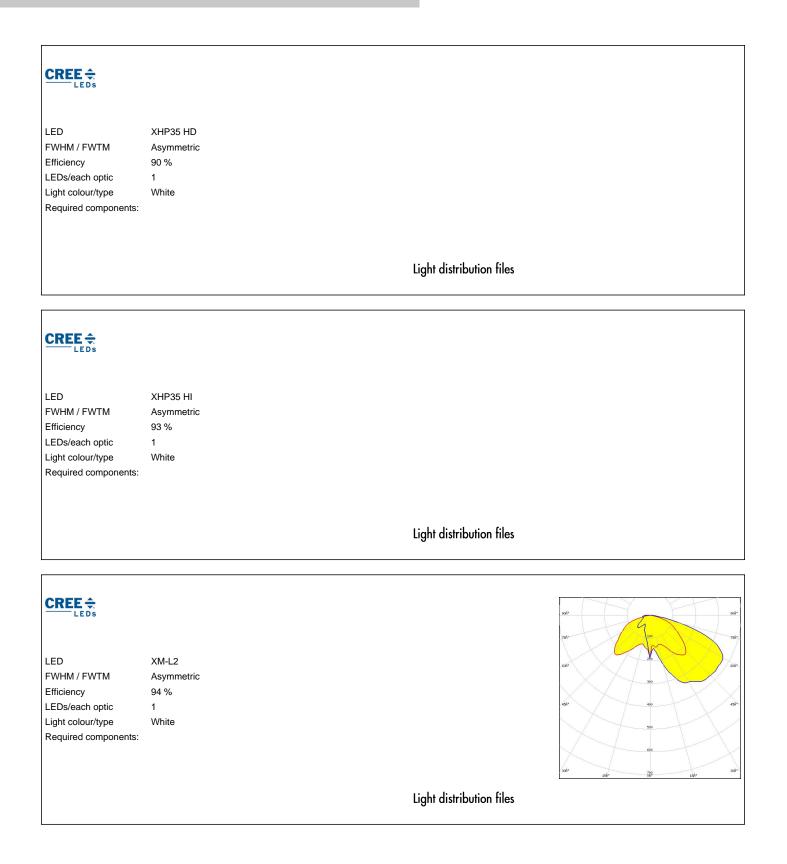


LED J Series 50506 6V K Class FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour/type White Required components: Protective plate, glass Light distribution files LED J Series 5050C 6V E Class FWHM / FWTM Asymmetric Efficiency 78 % Peak intensity 0.5 cd/m LEDs/each optic 1 Light colour/type White Required components: C1767T_STRADA-2X2-SHD-BLK	bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Bridgelux SMD 3535 (3B1) Asymmetric 80 % 0.4 cd/lm 1 White	90 90 61 62 62 62 63	20 20 20 20 20 20 20 20 60 60 60 20 60 60 20 60 60 70 60 60 70 60 60 70 60 70 60 70 70 70 70 70 70 70 70 70 70 70 70 70
LED J Series 5050B 6V K Class FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.4 cd/m LEDs/each optic 1 Light colour/type White Required components: Protective plate, glass Light distribution files CREE \$ FWHM / FWTM Asymmetric Efficiency 78 % Peak intensity 0.5 cd/m LEDs/each optic 1 Light colour/type White Required components: C1767T_STRADA-2X2-SHD-BLK	Protective pla	ate, glass	Light distribution files	
LEDS LED J Series 5050C 6V E Class FWHM / FWTM Asymmetric Efficiency 78 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: C17677_STRADA-2X2-SHD-BLK	LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Asymmetric 88 % 0.4 cd/lm 1 White		92 20 20 20 20 20 20 20 20 20 2
	LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Asymmetric 78 % 0.5 cd/lm 1 White		

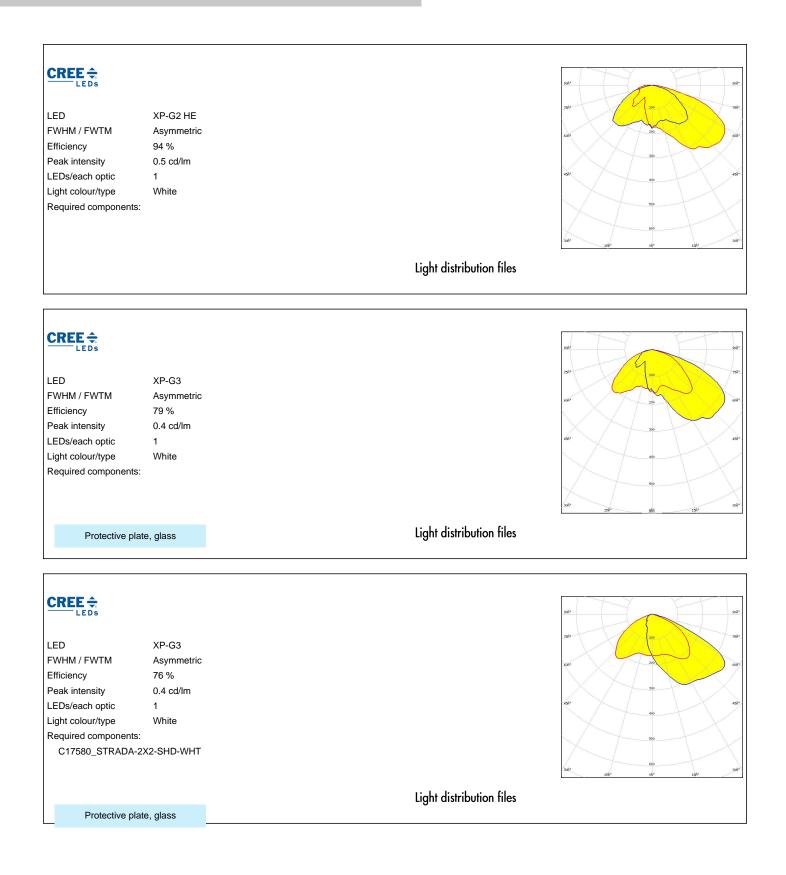










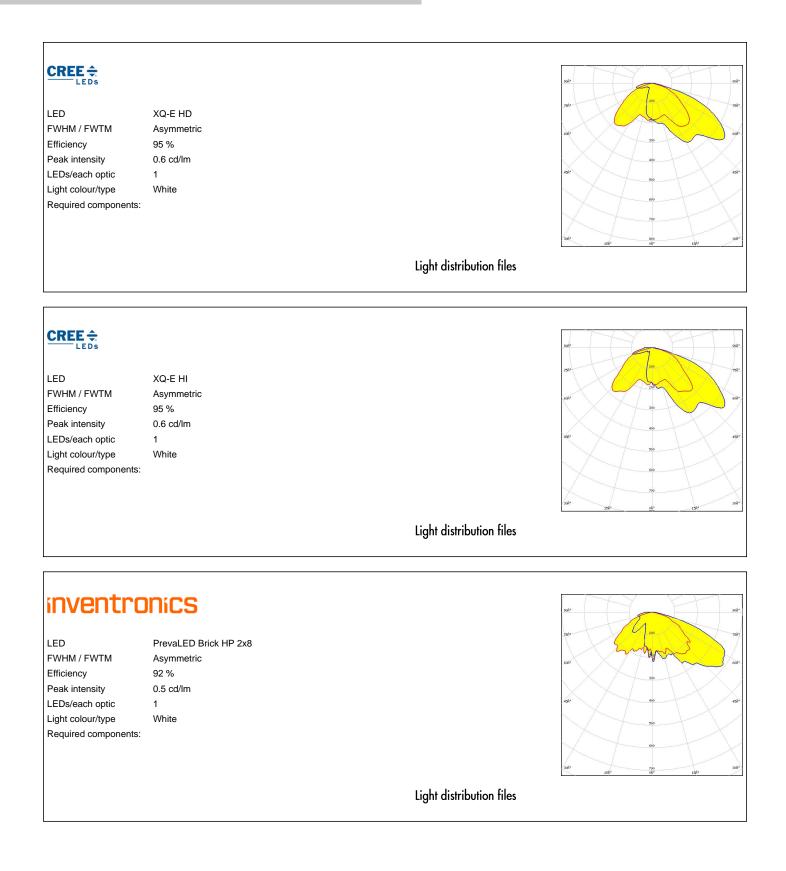


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		94°	,
LED	XP-G4		1
FWHM / FWTM	Asymmetric	safe	
Efficiency	97 %	30	\bigtriangledown
Peak intensity	0.6 cd/lm	40	
LEDs/each optic	1	480 300	4
Light colour/type	White	800	
Required components:		76	
		000 1580°	/3
		Light distribution files	
CREE \$			<u></u>
LEDS		50 ⁴	
		754	<u></u>
LED	XP-G4		
FWHM / FWTM	Asymmetric		6
Efficiency	83 % 0.5 cd/lm		
Peak intensity	1.5 ca/im		
LEDs/each optic Light colour/type	White		
Required components:	White	20	
required components.		60	
		5000 150° 06° 150°	
Protective plate	, glass	Light distribution files	
CREE ÷		240	
		700	
LED	XP-L2	400	N
FWHM / FWTM	Asymmetric	668. 200	
Efficiency	79 %		\mathbf{X}
Peak intensity	0.4 cd/lm	30	\geq
LEDs/each optic	1	431*	
Light colour/type	White	40	
Required components:			
		200	
		- 	_
	, glass	Light distribution files	









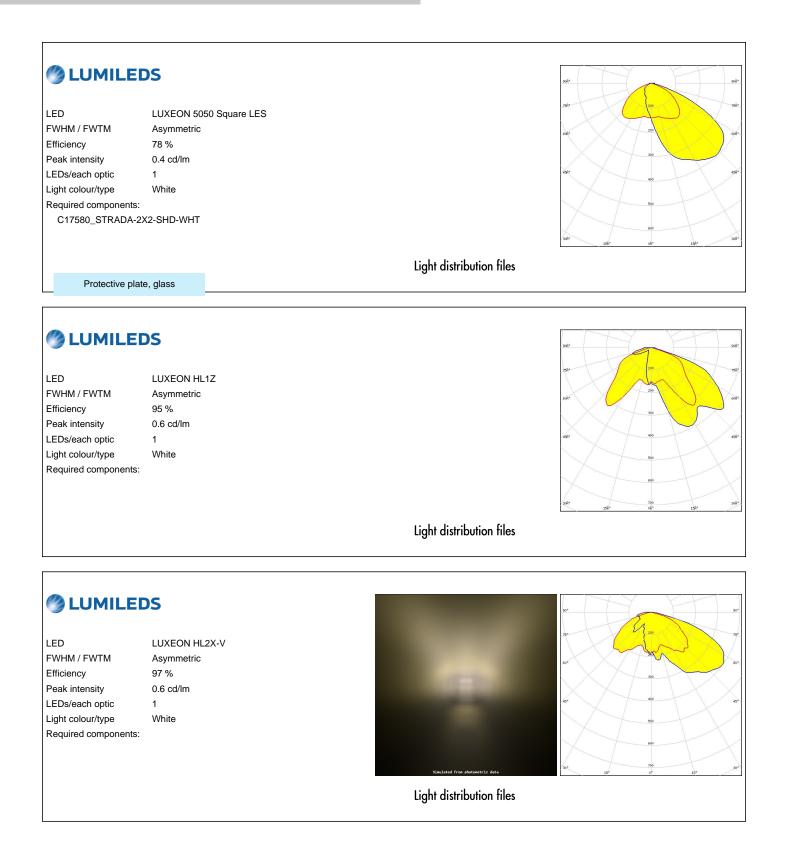






LUMILEDS I FD LUXEON 5050 Square LES FWHM / FWTM Asymmetric Efficiency 81 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: C17677_STRADA-2X2-SHD-BLK Light distribution files LUMILEDS LUXEON 5050 Square LES I FD FWHM / FWTM Asymmetric Efficiency 96 % 0.5 cd/lm Peak intensity LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUXEON 5050 Square LES LED FWHM / FWTM Asymmetric 71 % Efficiency Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: C17677_STRADA-2X2-SHD-BLK Light distribution files Protective plate, glass









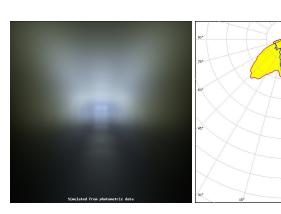
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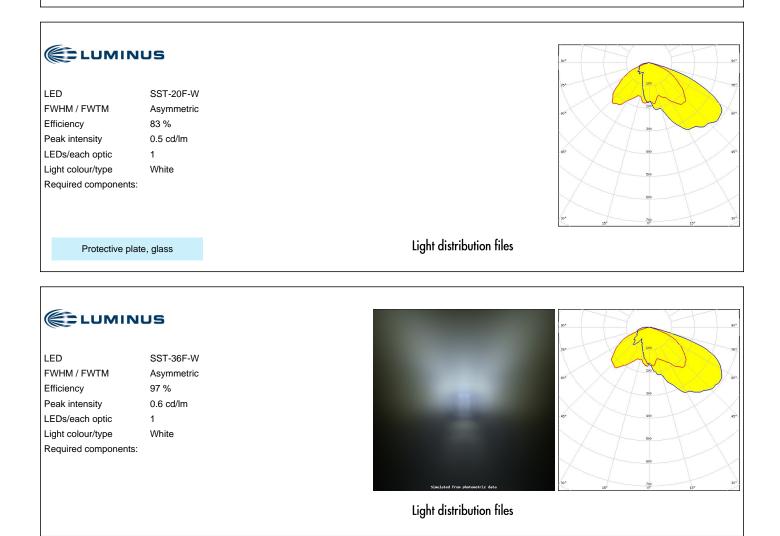


LUMILEDS I FD LUXEON V2 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUMILEDS LUXEON XR-HL2X (L2H2-xxxxxxMLU010) I FD FWHM / FWTM Asymmetric Efficiency 81 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files Protective plate, glass LUXEON XR-HL2X (L2H2-xxxxxxMLU010) LED FWHM / FWTM Asymmetric 97 % Efficiency Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



SST-20F-W
Asymmetric
97 %
0.6 cd/lm
1
White

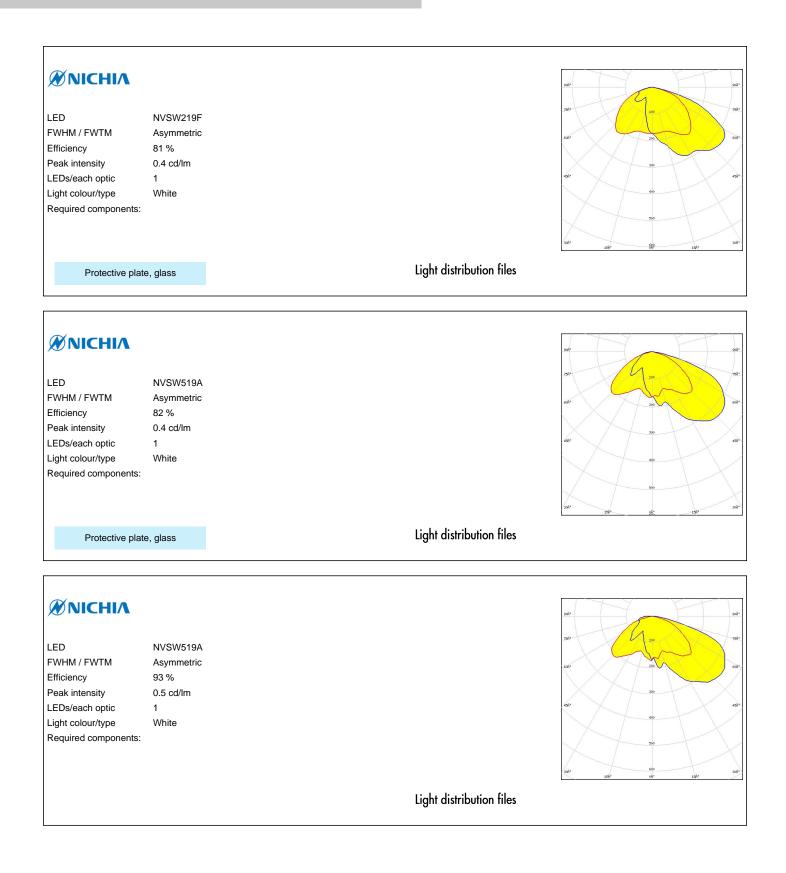




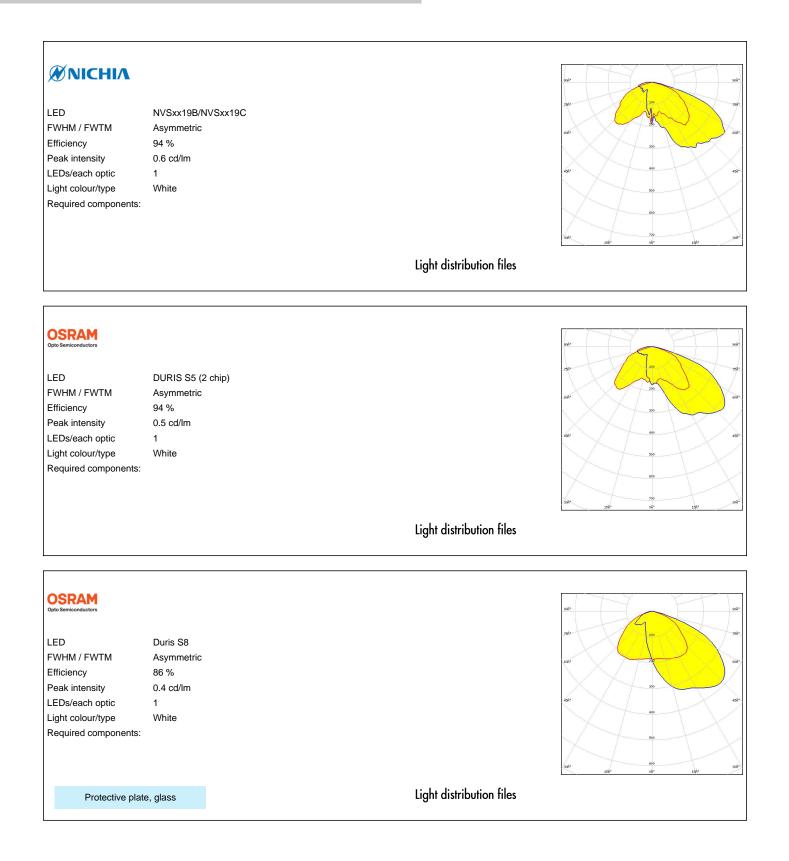


ELUMINU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	SST-36F-W Asymmetric 82 % 0.4 cd/lm 1 White	
Protective plate	, glass	Light distribution files
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	NF2x757G Asymmetric 84 % 0.5 cd/lm 1 White	ticks diachatics files
Protective plate	, glass	Light distribution files
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	NV4WB35AM Asymmetric 96 % 0.5 cd/lm 1 White	
		Light distribution files





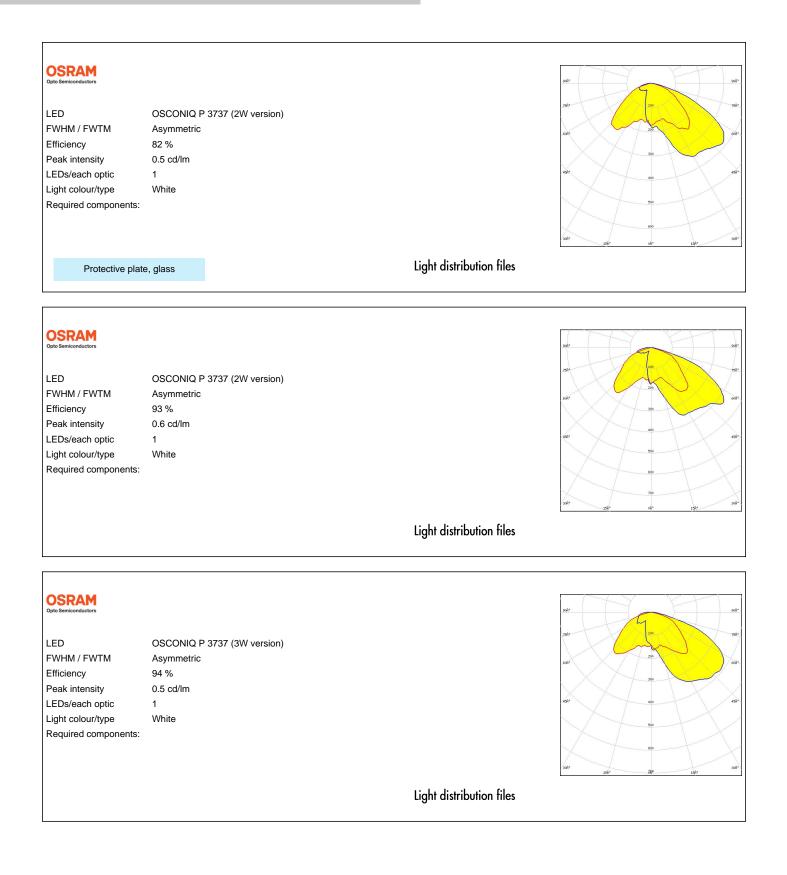




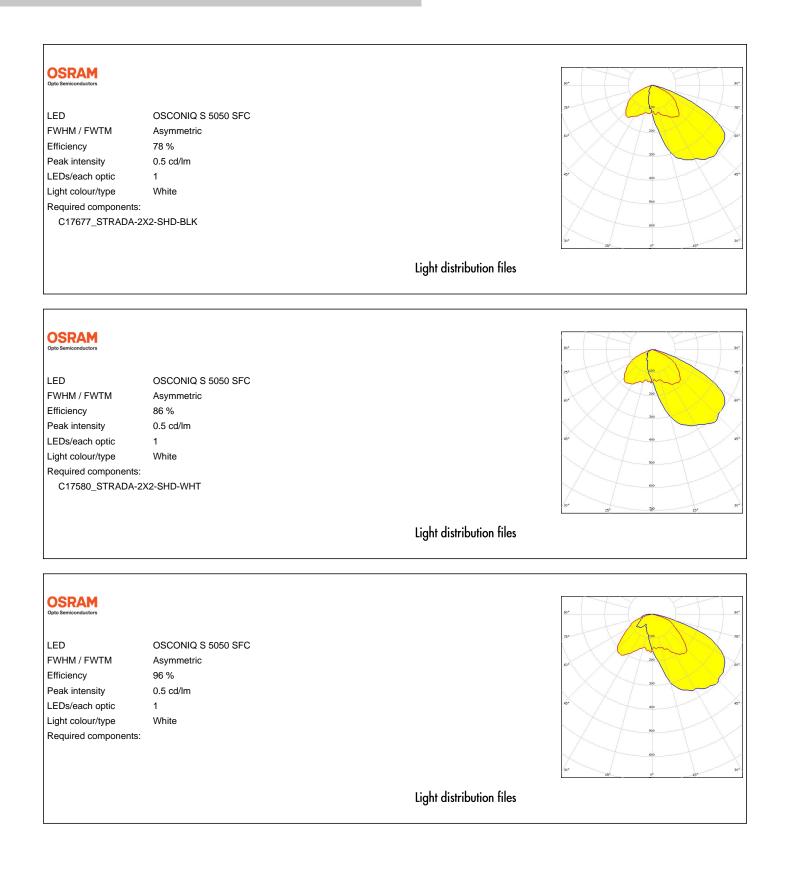


OSRAM Opto Semiconductors		20*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components C17677_STRADA-		
		Light distribution files
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components	Duris S8 Asymmetric 93 % 0.5 cd/lm 1 White	Light distribution files
OSRAM Opto Semiconductors		297
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components C17580_STRADA-		
		Light distribution files

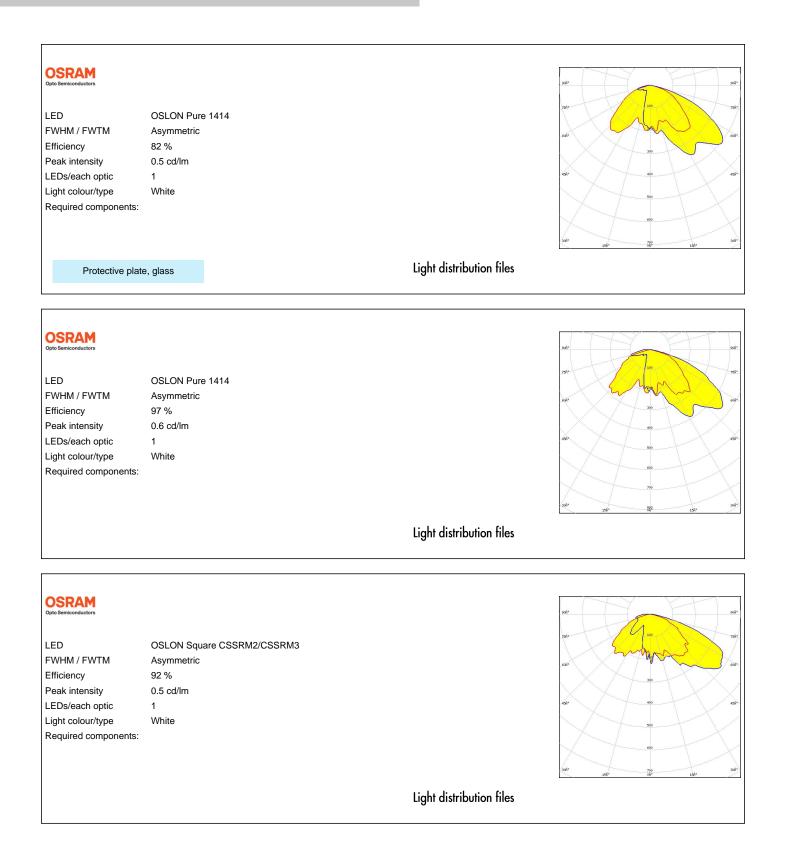




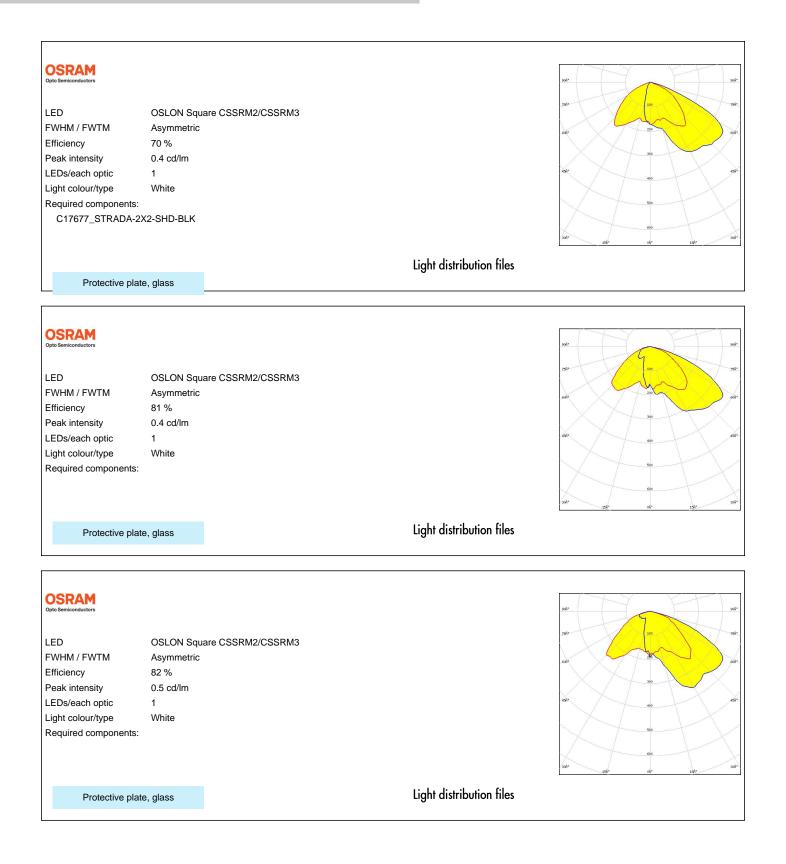








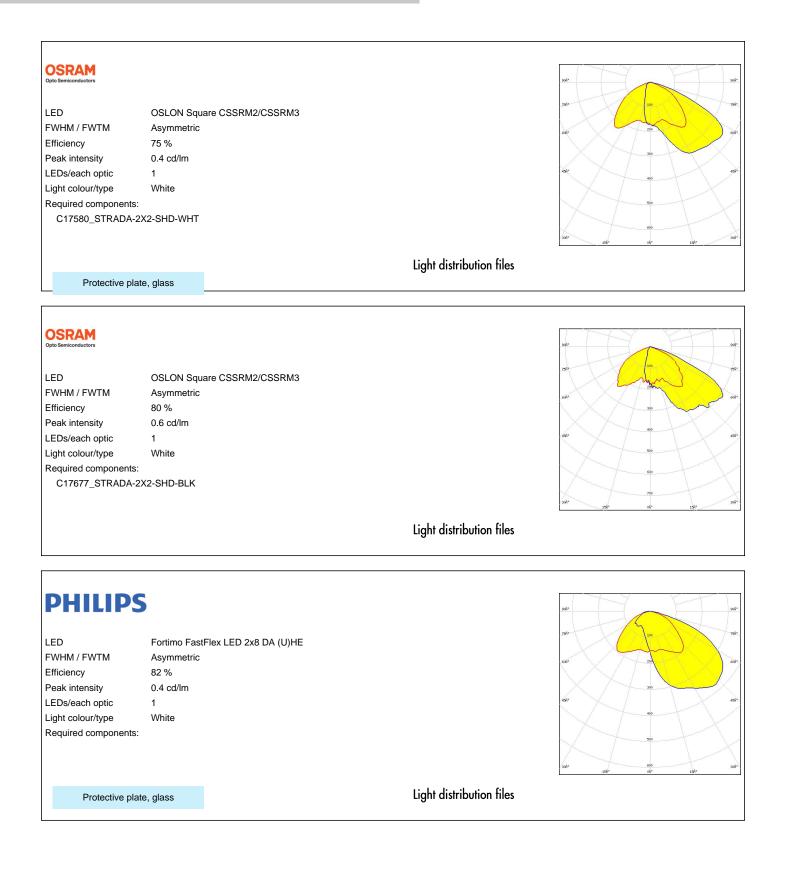






OSRAM Opto Semiconductore I FD OSLON Square CSSRM2/CSSRM3 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM Opto Semiconductore OSLON Square CSSRM2/CSSRM3 I FD FWHM / FWTM Asymmetric Efficiency 86 % 0.6 cd/lm Peak intensity 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 85 % Efficiency Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: C17580_STRADA-2X2-SHD-WHT



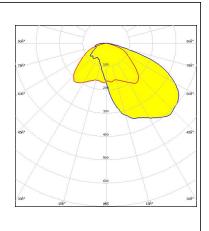


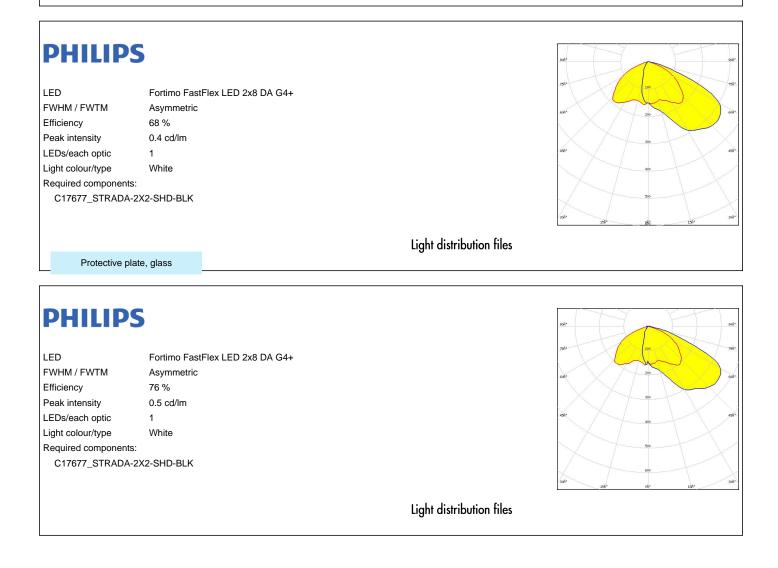


PHILIPS

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

Fortimo FastFlex LED 2x8 DA (U)HE Asymmetric 97 % 0.5 cd/lm 1 White

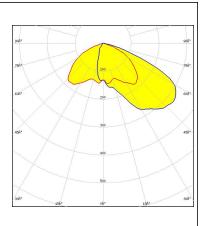


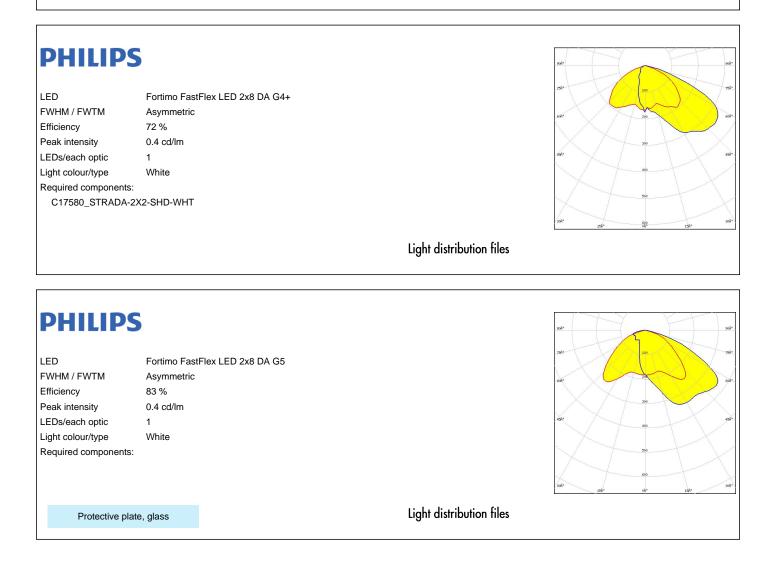




PHILIPS

LED	Fortimo FastFlex LED 2x8 DA G4+
FWHM / FWTM	Asymmetric
Efficiency	65 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C17677_STRADA-2X	2-SHD-BLK







SAMSUN	IG	998°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LH351C Asymmetric 83 % 0.4 cd/lm 1 White	
Protective plate	ə, glass	Light distribution files
SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LH351C Asymmetric 96 % 0.5 cd/lm 1 White	Light distribution files
SVWSUN	IG	247
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LH351D Asymmetric 95 % 0.5 cd/lm 1 White	
		Light distribution files

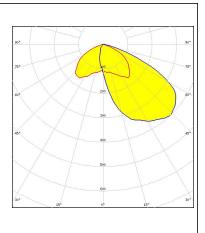


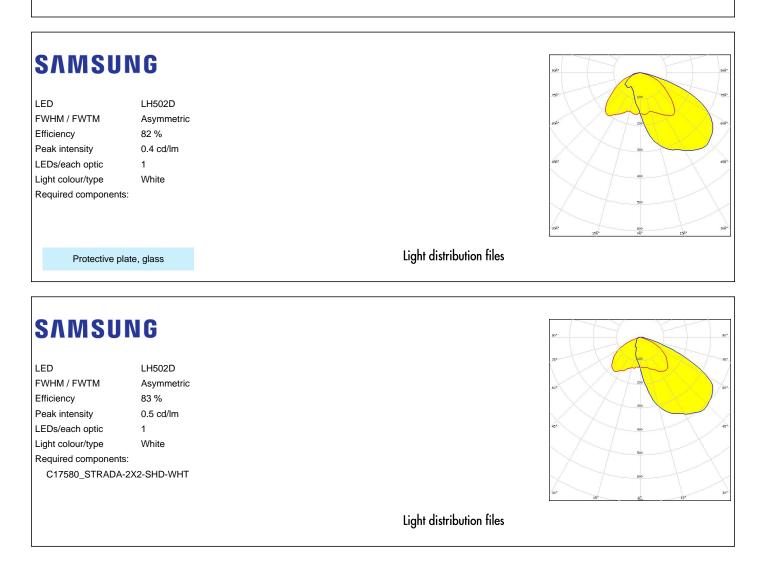
SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	G LH502C Asymmetric 82 % 0.4 cd/lm 1 White	
Protective plate	, glass	Light distribution files
SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	C LH502C Asymmetric 97 % 0.5 cd/lm 1 White	Light distribution files
SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LH502D Asymmetric 97 % 0.5 cd/lm 1 White	Light distribution files



SAMSUNG

LED	LH502D
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C17677_STRADA-2X2	2-SHD-BLK





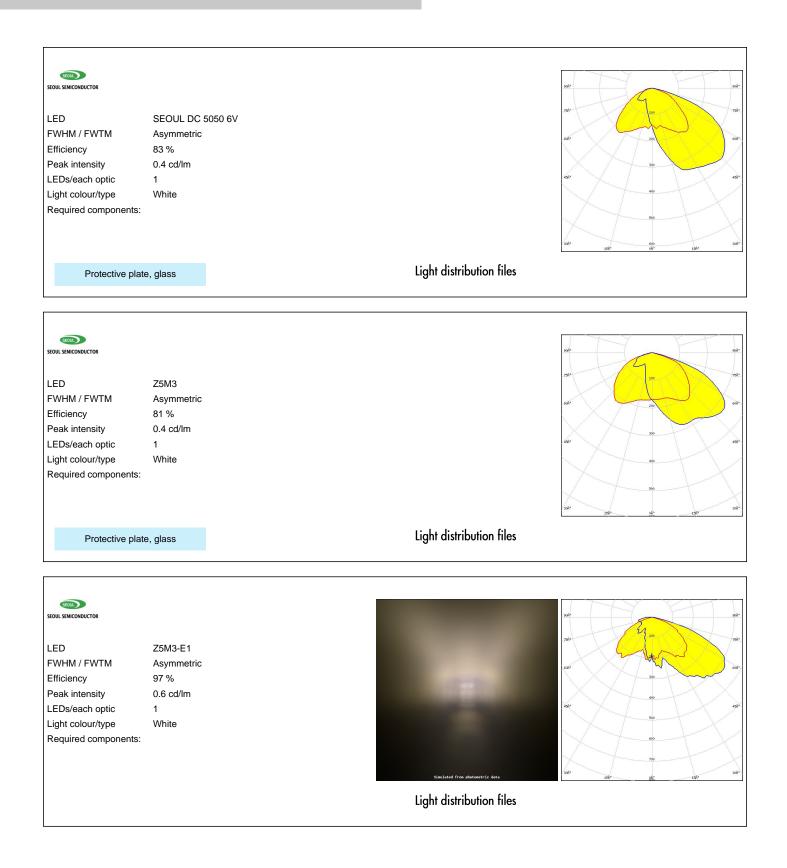


Protective plate	, glass	Light distribution files
SECUL SEMICONDUCTOR SECUL SEMICONDUCTOR EVENTIAL FOR A CONTRACT SECULAR SECULAR SECULA	Seoul 5050 G-Series Asymmetric 82 % 0.4 cd/lm 1 White	
		Light distribution files
SEQUI SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Seoul 5050 G-Series Asymmetric 97 % 0.5 cd/lm 1 White	Similated free pletometric data
		Light distribution files
SEQUI-SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	MJT 5050 Asymmetric 94 % 0.5 cd/lm 1 White	

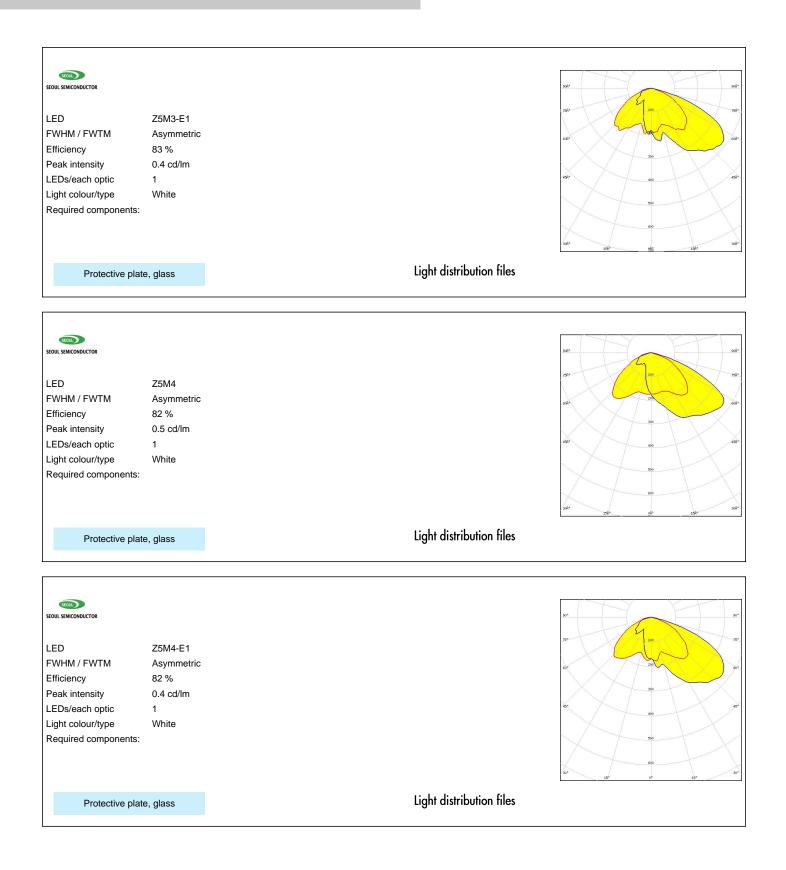


SEOUL SEMICONDUCTOR		207
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: C17677_STRADA-2		
		Light distribution files
SEQUIL SEMICONDUCTOR LED FWHM / FWTM	SEOUL DC 5050 6V Asymmetric	90 ⁻ 70- 81 ⁻
Efficiency Peak intensity LEDs/each optic Light colour/type Required components: C17580_STRADA-2		57 40
		Light distribution files
SECUL SECUL SEMICONDUCTOR		×**
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	SEOUL DC 5050 6V Asymmetric 94 % 0.5 cd/lm 1 White	
		Light distribution files











SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5M4-E1 Asymmetric 97 % 0.6 cd/lm 1 White	Induced Free placeate is also
SEOUL SEMICONDUCTOR		90°
		70 100 17
LED	Z5M4-E2	
FWHM / FWTM	Asymmetric	er er
Efficiency	97 %	***
Peak intensity	0.5 cd/lm	
LEDs/each optic Light colour/type	1 White	
Required components:	Wille	50
required compenente.		50
		Simulated from photometric data (2) ² (2) ³
		Light distribution files
SEOUL SEMICONDUCTOR		97 97
LED	Z5M4-E2	78 200 78
FWHM / FWTM	Asymmetric	
Efficiency	82 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	45° 400 43
Light colour/type	White	
Required components:		
		20 ⁴ 20 ⁴ 20 ⁵ 30
Protective plate	, glass	Light distribution files



SECUL SECUL SEMICONDUCTOR			600 - 600
LED	Z5M5		75Å* 100 75Å
FWHM / FWTM	Asymmetric		500 ⁴ 200 500
Efficiency	82 %		
Peak intensity	0.4 cd/lm		30
LEDs/each optic	1		458* 458
light colour/type	White		
Required component	s:		
			500° 156° 06° 156° 50
			100 00 100
Protective p	late, glass	Light distribution files	
Protective p	late, glass	Light distribution files	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	Z5M5 Asymmetric 97 % 0.6 cd/lm 1 White	Light distribution files	99 75 ⁶¹ 70 6.0 ¹ 70 6.0 ¹ 70 6.0 ¹ 70 70 70 70 70 70 70 70 70 70 70 70 70 7
EOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Z5M5 Asymmetric 97 % 0.6 cd/lm 1 White	Light distribution files	750 75 500 75 500 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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