

# STRADA-2X2-5050-DWC

Universal road lighting beam with excellent mixed illuminance and luminance uniformity. Typically IESNA Type III (medium).

### **SPECIFICATION:**

Dimensions Height Fastening ROHS compliant 50.0 x 50.0 7.4 mm pin, screw yes 1



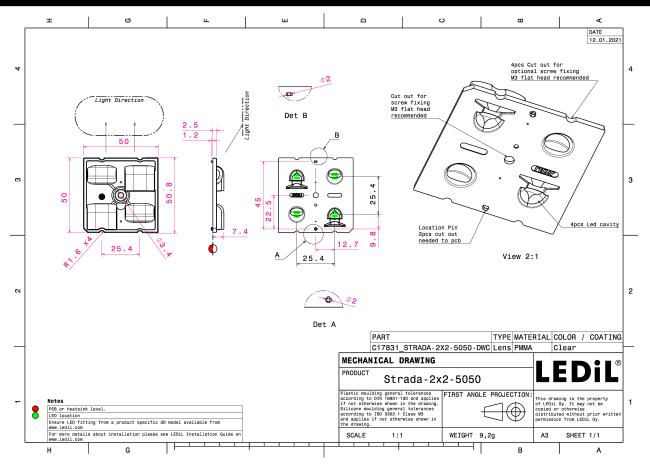
### **MATERIALS:**

Component	Туре	Material	Colour	Finish	Length (mm)
STRADA-2X2-5050-DWC	Multi-lens	PMMA	clear		

### **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17831_STRADA-2X2-5050-DWC	800	160	160	8.1
» Box size: 480 x 280 x 300 mm				





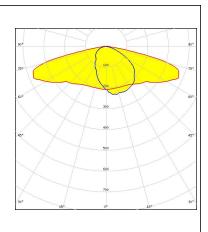
See also our general installation guide: www.ledil.com/installation\_guide



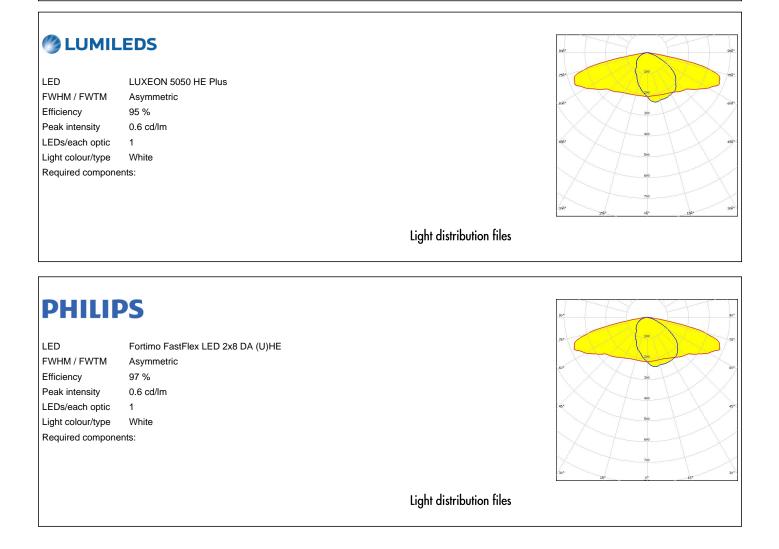
## **OPTICAL RESULTS (MEASURED):**

# 

LED	J Series 5050C 6V E Class
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required componen	its:



Light distribution files



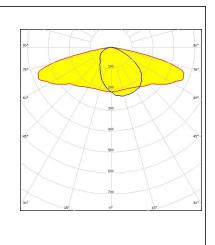


## **OPTICAL RESULTS (MEASURED):**

# TRIDONIC

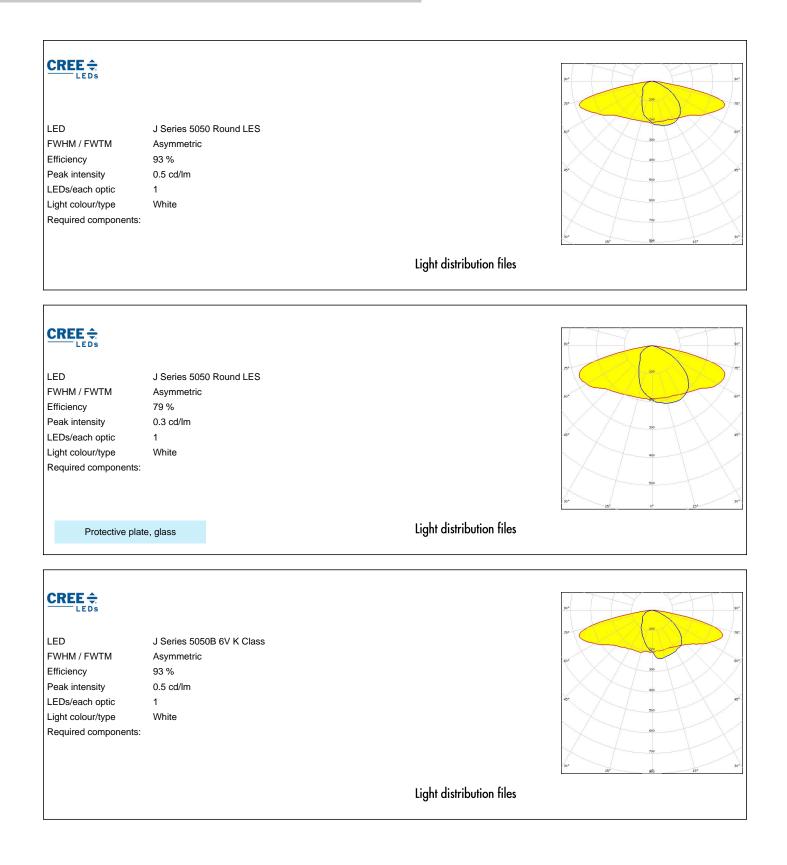
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic

RLE 2x8 6000lm HP HE EXC3 OTD Asymmetric 97 % 0.6 cd/lm 1 Light colour/type White Required components:

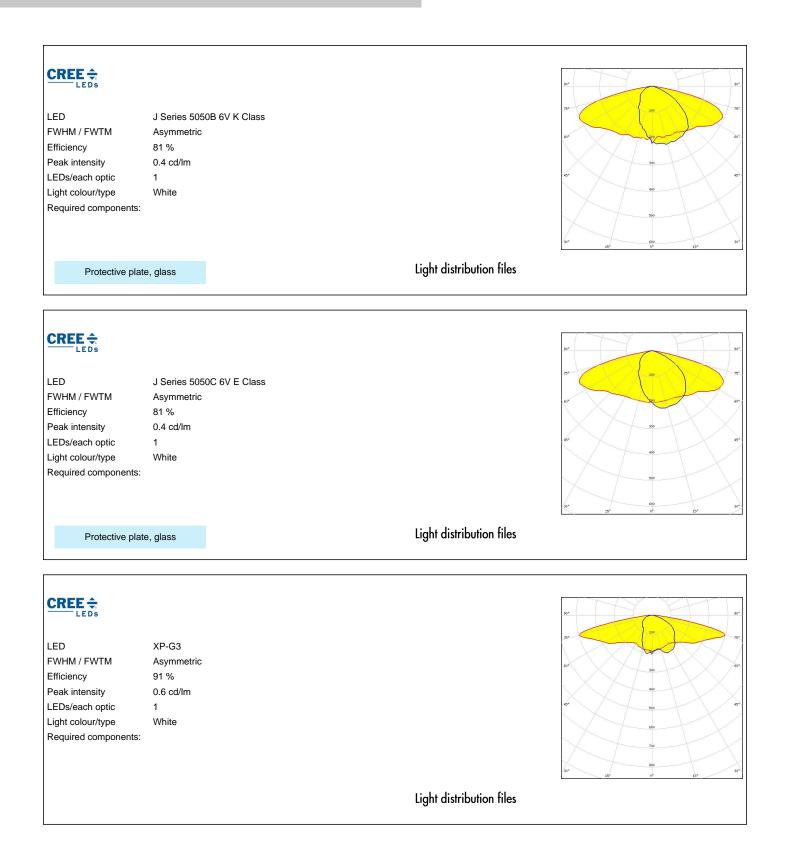


Light distribution files

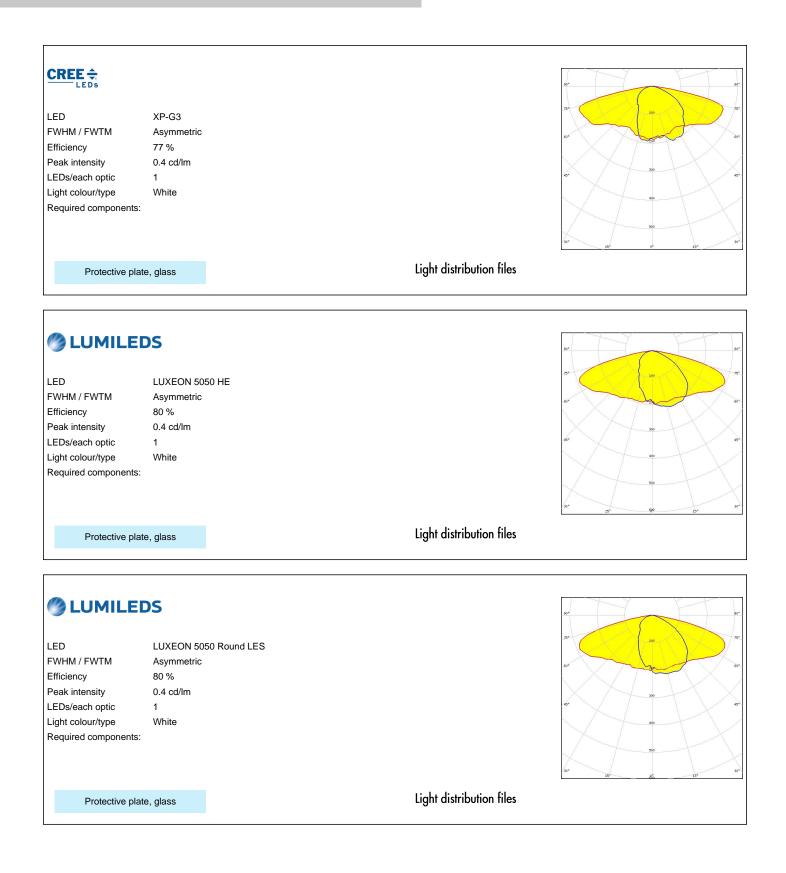














	LUXEON 5050 Round LES Asymmetric 93 %		
Efficiency Peak intensity	93 % 0.5 cd/lm		X X
LEDs/each optic	1	6	XX
Light colour/type	White	30	
Required components:			H
		Light distribution files	15*
	05		
	5	20*	
LED	LUXEON 5050 Square LES	735	$\sum$
FWHM / FWTM	Asymmetric	505	
Efficiency	80 %		$\mathcal{N}$
Peak intensity	0.3 cd/lm	*	
LEDs/each optic	1	-05*	
Light colour/type Required components:	White	200 300 200 200 200 200 200 200 200 200	131
Protective plate	a, glass	Light distribution files	
	)S	80	
LED	LUXEON 5050 Square LES	724 549	
FWHM / FWTM	Asymmetric		XX
Efficiency	93 %	6°* 30	
Peak intensity	0.5 cd/lm		
	1	40	
LEDS/each obtic	White	200	
LEDs/each optic Light colour/type Required components:		700 700	130



Depo 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
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Duris S8 Asymmetric 81 % 0.4 cd/lm 1 White	
Protective plate	, glass	Light distribution files
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSCONIQ S 5050 Asymmetric 79 % 0.3 cd/lm 1 White	
Protective plate	, glass	Light distribution files



			y.
LED	OSLON Square CSSRM2/CSSRM3		73
FWHM / FWTM	Asymmetric		
Efficiency	79 %		
Peak intensity	0.4 cd/lm		
LEDs/each optic	1		45*
Light colour/type	White		
Required components:			20° - 12° - 12°
Protective plate	e, glass	Light distribution files	
PHILIPS			8°
	, ,		P
			72%
LED FWHM / FWTM	Fortimo FastFlex LED 2x8 DA (U)HE Asymmetric		
Efficiency	82 %		- 60°
Peak intensity	0.4 cd/lm		
LEDs/each optic	1		45*
Light colour/type	White		400
Required components:	·······		
			50° 30° 500 30° 20° 30°
Protective plate	e, glass	Light distribution files	
SAMSUN	IG		95
	1 42510		750
	LH351C Asymmetric		
	Asymmetric 93 %		50*
FWHM / FWTM	00 /0		X X 400 X X
FWHM / FWTM Efficiency	0.5 cd/lm		
FWHM / FWTM Efficiency Peak intensity	0.5 cd/lm 1		45* 700
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1		45* 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:			45° 560 660 770 700 700 700 700 700 700 700 7



SAMSUI	NG	81
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LH351C Asymmetric 80 % 0.4 cd/lm 1 White	
Protective pla	te, glass	Light distribution files
SNMSUI	NG	901
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LH502C Asymmetric 79 % 0.3 cd/lm 1 White	
Protective pla	te, glass	Light distribution files
SAMSUI	NG	2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LH502C Asymmetric 94 % 0.5 cd/lm 1 White	
		Light distribution files



#### SAMSUNG I FD LH502D FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SAMSUNG LH502D I FD FWHM / FWTM Asymmetric Efficiency 79 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files Protective plate, glass SEOUL SEOUL SEMICONDUCTOR MJT 5050 LED FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



SEOUL SEMICONDUCTOR		20-
LED	Seoul 5050 G-Series	720
FWHM / FWTM	Asymmetric	and the second s
Efficiency	94 %	6°*
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	47*
Light colour/type	White	
Required components:		60
		Similated from photometric dots
		Light distribution files
SEOUL SEMICONDUCTOR		90°
LED	Seoul 5050 G-Series	72%
FWHM / FWTM	Asymmetric	
Efficiency	79 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	45*
Light colour/type	White	40
Required components:		
		30 <sup>4</sup> 33 <sup>2</sup> 68 33 <sup>2</sup>
Protective plate	a, glass	Light distribution files
\$600.		
SEOUL SEMICONDUCTOR		9°
LED	SEOUL DC 5050 6V	.752 ( 200
FWHM / FWTM	Asymmetric	50
Efficiency	80 %	
Peak intensity	0.4 cd/lm	X
LEDs/each optic	1	er
Light colour/type	White	40
Required components:		20
		30* 55 68 35*



SEOUL SEMICONDUCTOR			82°
LED	SEOUL DC 5050 6V		730
FWHM / FWTM	Asymmetric		50* 50*
Efficiency	93 %		
Peak intensity	0.5 cd/lm		
LEDs/each optic	1		40°
Light colour/type	White		5/0
Required components	5:		640
			30 <sup>+</sup> 13 <sup>2</sup> 0 <sup>0</sup> 13 <sup>2</sup> 30 <sup>+</sup>
		Light distribution files	



#### **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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