

### STRADA-2X2-T2

**IESNA Type II (medium) beam applicable for European P-class standard pedestrian lighting and M-class roads** 

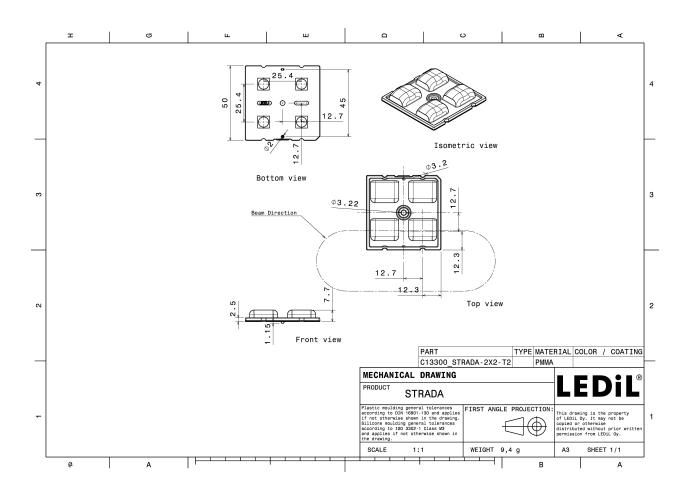
#### **TECHNICAL SPECIFICATIONS:**

Dimensions	50.0 mm
Height	7.7 mm
Fastening	glue, pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.3 kg
Quantity in Box	800 pcs
ROHS compliant	yes 🛈



#### **MATERIAL SPECIFICATIONS:**

Component STRADA-2X2-T2 **Type** Multi-lens **Material** PMMA Colour clear

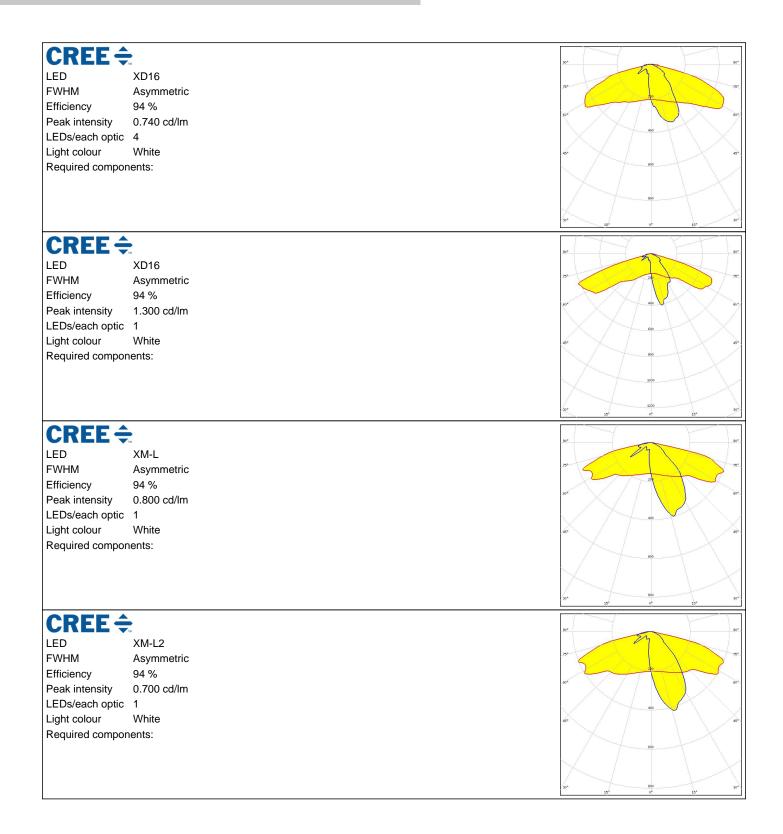


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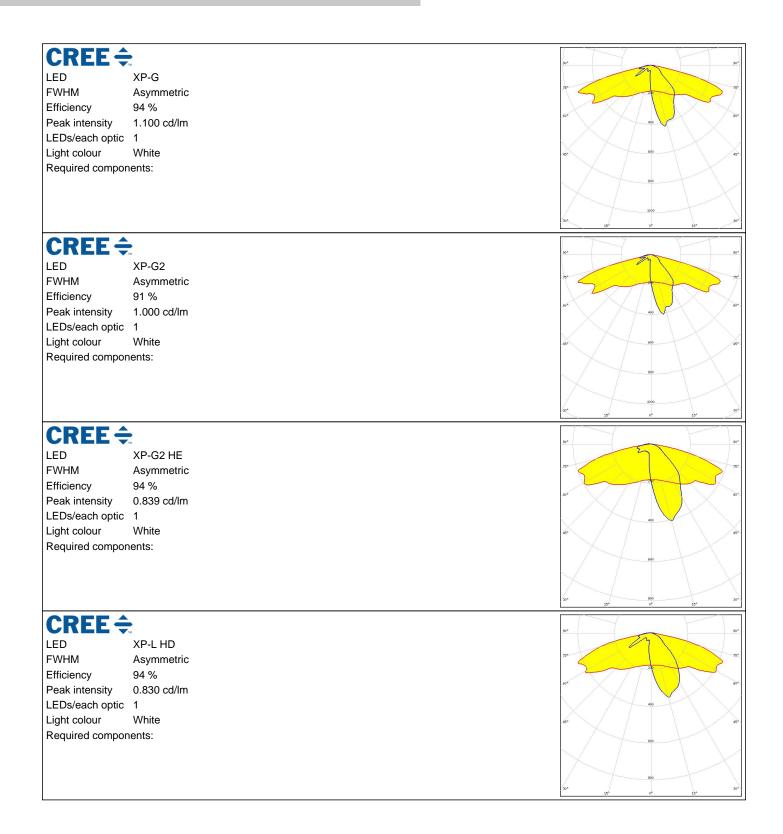


bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Bridgelux SMD 5050 Asymmetric 94 % 0.700 cd/lm 1 White	
Required compor	nents:	
		500 501 502 60 500 500 500 500 500 500 500 500 500
	QUICK FLUX XTP 2x4 xxx LS G5	90* 90*
FWHM	Asymmetric	75* 75*
Efficiency	94 %	
Peak intensity	1.000 cd/lm	60*
LEDs/each optic		40
Light colour	White	45'
Required compor	nents:	600
		000
		30° 30°
1		10 <sup>-</sup> 0 <sup>4</sup> 15 <sup>-</sup>
		90°
LED	QUICK FLUX XTP 2x6 xxx LS G5	2)*
LED FWHM	Asymmetric	91 <sup>4</sup> 91 <sup>4</sup>
LED FWHM Efficiency	Asymmetric 94 %	
LED FWHM Efficiency Peak intensity	Asymmetric 94 % 1.000 cd/lm	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1.000 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.000 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1.000 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.000 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.000 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 1.000 cd/lm 1 White nents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 1.000 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 1.000 cd/lm 1 White nents: XB-D	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 1.000 cd/lm 1 White nents: XB-D Asymmetric	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 1.000 cd/lm 1 White hents: XB-D Asymmetric 94 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 1.000 cd/lm 1 White ments: XB-D Asymmetric 94 % 1.100 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 1.000 cd/lm 1 White ments: XB-D Asymmetric 94 % 1.100 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 1.000 cd/lm 1 White hents: XB-D Asymmetric 94 % 1.100 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 1.000 cd/lm 1 White hents: XB-D Asymmetric 94 % 1.100 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 1.000 cd/lm 1 White hents: XB-D Asymmetric 94 % 1.100 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 1.000 cd/lm 1 White hents: XB-D Asymmetric 94 % 1.100 cd/lm 1 White	

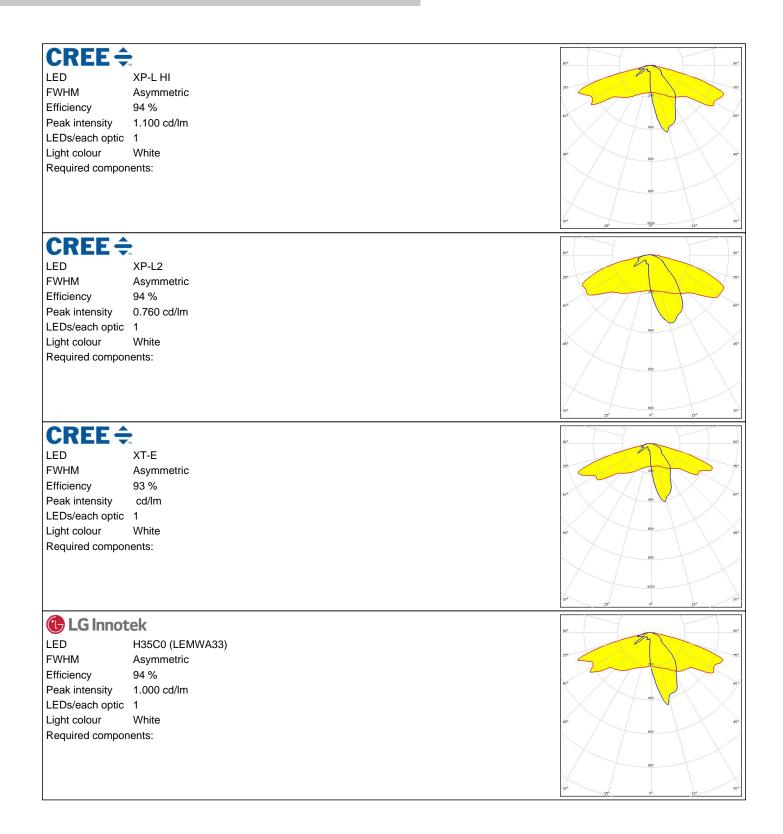




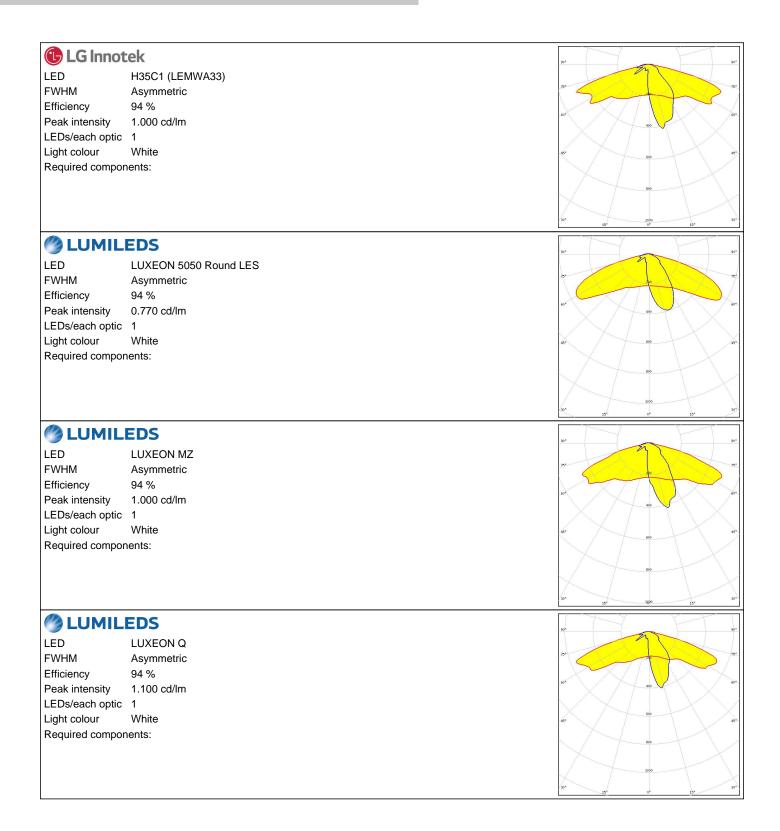




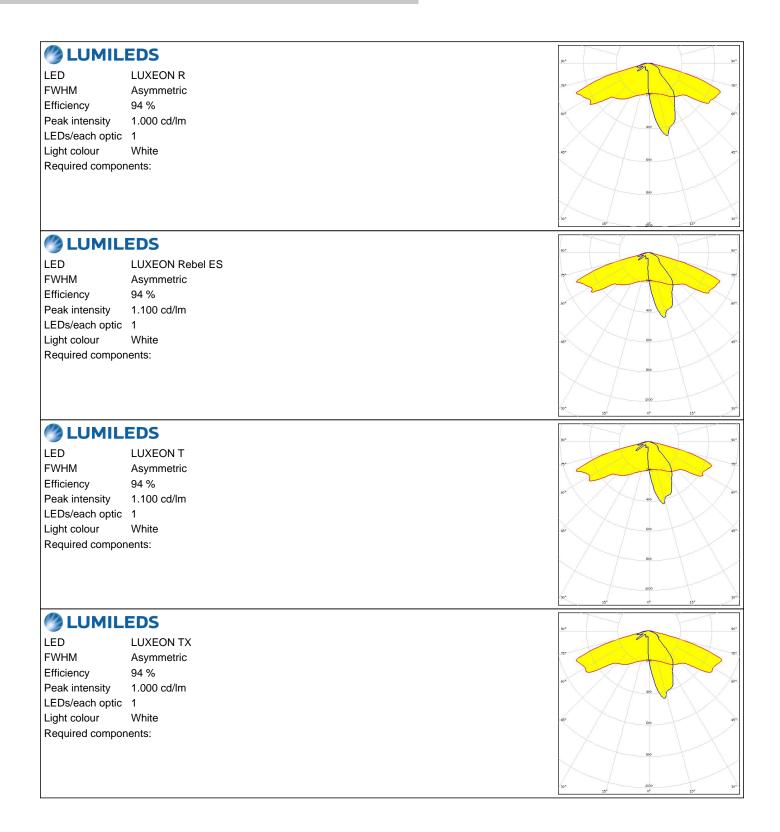














🙆 LUMILI	EDS	90* 90*
LED	LUXEON V	
FWHM	Asymmetric	780
Efficiency	94 %	
Peak intensity	0.790 cd/lm	60 <sup>4</sup> 60 <sup>4</sup>
LEDs/each optic		
Light colour	White	
Required compon		
		200
		30° 13° 30°
	EDS	
		90* 90*
LED	LUXEON Z ES	73° 20 70°
FWHM	Asymmetric	
Efficiency	94 %	50° 60°
Peak intensity	1.500 cd/lm	600
LEDs/each optic		$\times$ $\times$ $\wedge$ $\times$ $\times$
Light colour	White	45* 800 45*
Required compon	ents:	1000
		$\times$
		1200
		30° 15° 30° 30°
ØΝΙCΗΙΛ		
		90° 90°
LED	NCSxx19A	70
FWHM	Asymmetric	
Efficiency	%	50° 50°.
Peak intensity	cd/im	$\times$ / $\uparrow$ $\checkmark$ $\times$
LEDs/each optic Light colour	1 White	
		45*
Required compon	ents.	200
		$\times$ / T / X
		1000
		30° 135 0° 15° 30°
<b>Ø</b> NICHIΛ		N FT
		90* 90*
LED	NS9x383	750 750
FWHM	Asymmetric	
Efficiency	94 %	604 601
Peak intensity	0.800 cd/lm	$\times$ / $+$ $+$ $\times$ /
LEDs/each optic		
Light colour	White	45* 000 - 5*
Required compon	ents:	
		800
		30* 1000 0* 1** 30*



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<b>ØNICHIA</b>	1	90* 90*
LED	NVSW219D	24
FWHM	Asymmetric	75* 76*
Efficiency	94 %	
Peak intensity	0.920 cd/lm	60°.
LEDs/each optic		
Light colour	White	5°
Required compor		
		600
		$\times$ / $\times$
		80
		30° 15° 30°
<b>ØNICHI</b>		
		90* 90*
LED	NVSW219F	25*
FWHM	Asymmetric	
Efficiency	94 %	60 <sup>4</sup> 60 <sup>4</sup>
Peak intensity	1.000 cd/lm	
LEDs/each optic		400
Light colour	White	45* 45*
Required compor	nents:	000
		30° 30°
MAUCHIA		
<b>ØNICHI</b>		90* 91*
LED	NVSW319B	97° - 97°
LED FWHM	NVSW319B Asymmetric	50° 50° 75°
LED FWHM Efficiency	NVSW319B Asymmetric 94 %	90° 93° 93° 93° 93° 93° 93° 93° 93° 93° 93
LED FWHM Efficiency Peak intensity	NVSW319B Asymmetric 94 % 1.000 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic	NVSW319B Asymmetric 94 % 1.000 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White	997 197 197 197 197 197 197 197
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White hents: NVSW3x9A Asymmetric	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White hents: NVSW3x9A Asymmetric 94 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White hents: NVSW3x9A Asymmetric 94 % 0.960 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White hents: NVSW3x9A Asymmetric 94 % 0.960 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White hents: NVSW3x9A Asymmetric 94 % 0.960 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White hents: NVSW3x9A Asymmetric 94 % 0.960 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White hents: NVSW3x9A Asymmetric 94 % 0.960 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White hents: NVSW3x9A Asymmetric 94 % 0.960 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White hents: NVSW3x9A Asymmetric 94 % 0.960 cd/lm 1 White	



<b>Ø</b> ΝΙCΗΙΛ		90* 90
LED	NVSxE21A	
FWHM	Asymmetric	759 75
Efficiency	94 %	
Peak intensity	1.480 cd/lm	60°
LEDs/each optic	1	
Light colour	White	.6*
Required compon	ents:	200
		1000
		30° 1220 30
		 112 <sup>3</sup> 0 <sup>4</sup> 10 <sup>4</sup>
<b>Ø</b> ΝΙCΗΙΛ		90* 90
LED	NVSxx19A	
FWHM	Asymmetric	73 %
Efficiency	%	
Peak intensity	cd/Im	
LEDs/each optic	1	400
Light colour	White	45* 45
Required compon	ents:	
		X   X
		200
		30* 30
Augua		11 <sup>2</sup> 0 <sup>4</sup> 15 <sup>1</sup>
<b>Ø</b> ΝΙCΗΙΛ		
		90* 90
LED	NWSx229A	90* 90
FWHM	NWSx229A Asymmetric	
FWHM Efficiency	NWSx229A Asymmetric 94 %	
FWHM Efficiency Peak intensity	NWSx229A Asymmetric 94 % 0.820 cd/lm	6* 90 75* 90 6* 90 7* 90 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
FWHM Efficiency Peak intensity LEDs/each optic	NWSx229A Asymmetric 94 % 0.820 cd/lm 1	
FWHM Efficiency Peak intensity LEDs/each optic Light colour	NWSx229A Asymmetric 94 % 0.820 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic	NWSx229A Asymmetric 94 % 0.820 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour	NWSx229A Asymmetric 94 % 0.820 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour	NWSx229A Asymmetric 94 % 0.820 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour	NWSx229A Asymmetric 94 % 0.820 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NWSx229A Asymmetric 94 % 0.820 cd/lm 1 White ents:	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NWSx229A Asymmetric 94 % 0.820 cd/lm 1 White ents:	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NWSx229A Asymmetric 94 % 0.820 cd/lm 1 White ents: PrevaLED Brick HP 2x8	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NWSx229A Asymmetric 94 % 0.820 cd/lm 1 White ents: PrevaLED Brick HP 2x8 Asymmetric	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NWSx229A Asymmetric 94 % 0.820 cd/lm 1 White ents: PrevaLED Brick HP 2x8 Asymmetric 94 %	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NWSx229A Asymmetric 94 % 0.820 cd/lm 1 White ents: PrevaLED Brick HP 2x8 Asymmetric 94 % 1.100 cd/lm	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon <b>OSRAM</b> LED FWHM Efficiency Peak intensity LEDs/each optic	NWSx229A Asymmetric 94 % 0.820 cd/lm 1 White ents: PrevaLED Brick HP 2x8 Asymmetric 94 % 1.100 cd/lm 1	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon OSRAM LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NWSx229A Asymmetric 94 % 0.820 cd/lm 1 White ents: PrevaLED Brick HP 2x8 Asymmetric 94 % 1.100 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon <b>OSRAM</b> LED FWHM Efficiency Peak intensity LEDs/each optic	NWSx229A Asymmetric 94 % 0.820 cd/lm 1 White ents: PrevaLED Brick HP 2x8 Asymmetric 94 % 1.100 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon OSRAM LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NWSx229A Asymmetric 94 % 0.820 cd/lm 1 White ents: PrevaLED Brick HP 2x8 Asymmetric 94 % 1.100 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon OSRAM LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NWSx229A Asymmetric 94 % 0.820 cd/lm 1 White ents: PrevaLED Brick HP 2x8 Asymmetric 94 % 1.100 cd/lm 1 White	



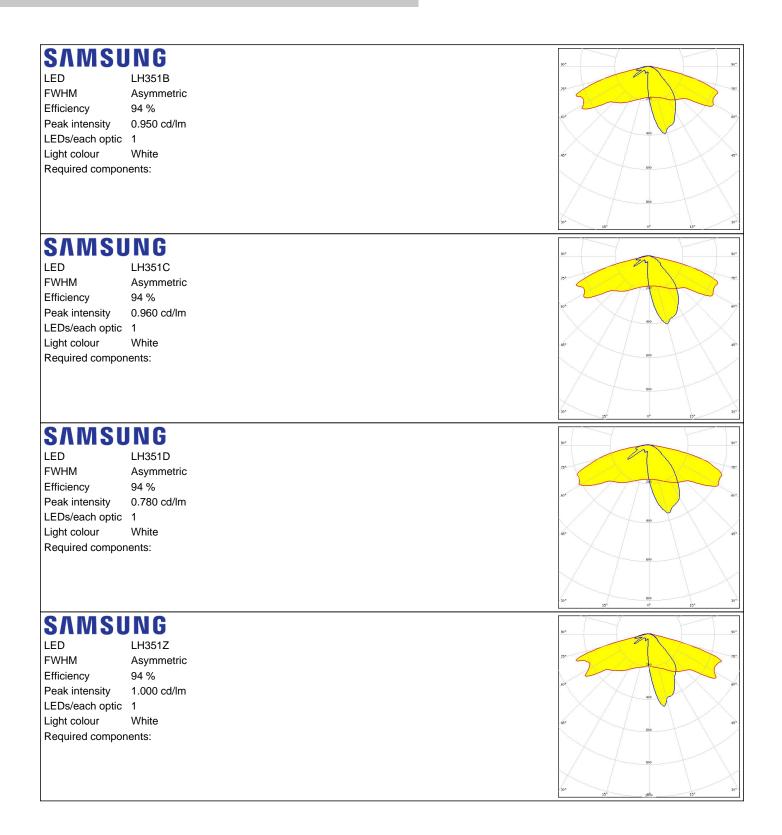
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	99 <sup>+</sup> 90 <sup>+</sup> 79 <sup>+</sup> 60 <sup>+</sup>
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	
OSRAM Opto Semiconductors LED	OSLON Square CSSRM2/CSSRM3	30° 13° 0° 13° 30°
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	20°
Transparent p	rotective cover	24 <sup>+</sup> 15 <sup>2</sup> 0 <sup>2</sup> 15 <sup>4</sup> 27 <sup>4</sup>
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	
		20 <sup>14</sup> 10 <sup>10</sup> 10 <sup>14</sup> 10 <sup>14</sup>



PHILIP		90* 90*
LED	Fortimo FastFlex LED 2x8 DA G4	
FWHM	Asymmetric	
Efficiency	94 %	
Peak intensity	1.100 cd/lm	400
LEDs/each optic		
Light colour	White	45* 600 45*
Required compor	ents:	
		30* 13 <sup>3</sup> 18 <sup>5</sup> 0 23* 30*
PHILIP		
		90* 90*
LED FWHM	Fortimo FastFlex LED 2x8 DA G4+	75* 75*
	Asymmetric 94 %	
Efficiency		60* 60*
Peak intensity LEDs/each optic	0.839 cd/lm	
LEDS/each oplic	White	400
Required compor		- 65°
Required compor	ens.	600
		30° 800 30° 30° 30°
PHILIP	S	90 <sup>+</sup>
LED	Fortimo FastFlex LED 2x8 DAX G4	2
FWHM	Asymmetric	120 Mart 200
Efficiency	0 %	
Peak intensity	0.000 cd/lm	est est
LEDs/each optic		460
Light colour	White	45* 45*
Required compor	ents:	000
		X   X
		80
		30* 33*
		12 <sup>2</sup> 0 <sup>6</sup> 15 <sup>4</sup>
SAMSU	ING	50* 50
LED	HiLOM RH16 (LH351C)	3
FWHM	Asymmetric	75.
Efficiency	94 %	the second secon
Peak intensity	0.890 cd/lm	
LEDs/each optic		400
Light colour	White	67
Required compor	ents:	
,		600
		$\times$
		15 <sup>2</sup> 0 <sup>6</sup> 19 <sup>4</sup>



#### PHOTOMETRIC DATA (MEASURED):



PRODUCT DATASHEET

C13300\_STRADA-2X2-T2

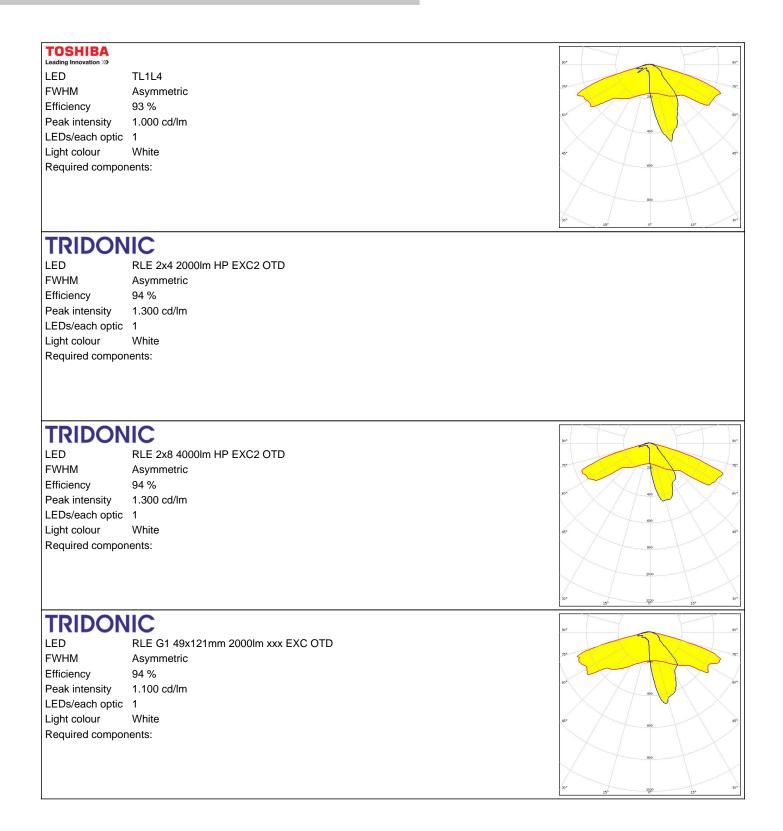


SAMSU	ING	
	LH508A	90° 90°
	Asymmetric	75° 78°
	94 %	
•	0.750 cd/lm	80 <sup>4</sup> 60 <sup>4</sup>
LEDs/each optic		460
	White	
Required compon		
		0,0
		$\times$ / $\times$ $\times$
		30° 15° 30°
SEOUL		
seoul semiconductor	Acrich MJT 4040	90* 90*
		75° 75°
	Asymmetric 94 %	
Peak intensity	1.000 cd/lm	604 604
LEDs/each optic		400
	White	
Required compon		45" 600 45"
rtequired compon		$\times$ / $\times$
		810
		$\times$ / $\times$ / $\times$
		30* 15 <sup>5</sup> 1080 15* 30*
SEOUL		
SEOUL SEMICONDUCTOR	75M1/75M2	91 <sup>3</sup> 90
SEOUL SEMICONDUCTOR	Z5M1/Z5M2	
seoul semiconductor LED FWHM	Asymmetric	
seoul semiconductor LED FWHM Efficiency	Asymmetric 94 %	
seour semiconductor LED FWHM Efficiency Peak intensity	Asymmetric 94 % 1.100 cd/lm	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
seour semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1.100 cd/lm 1	
seour semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.100 cd/lm 1 White	
seour semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1.100 cd/lm 1 White	
seour semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.100 cd/lm 1 White	90° 90° 90° 90° 90° 90° 90° 90°
stour semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 1.100 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 94 % 1.100 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 94 % 1.100 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 94 % 1.100 cd/lm 1 White ents:	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 94 % 1.100 cd/lm 1 White ents: Z5M3	
stoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 94 % 1.100 cd/lm 1 White ents: Z5M3 Asymmetric	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon seoul semiconductor LED FWHM Efficiency	Asymmetric 94 % 1.100 cd/lm 1 White ents: Z5M3 Asymmetric 94 %	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon seoul semiconductor LED FWHM Efficiency Peak intensity	Asymmetric 94 % 1.100 cd/lm 1 White ents: Z5M3 Asymmetric 94 % 0.950 cd/lm	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1.100 cd/lm 1 White ents: Z5M3 Asymmetric 94 % 0.950 cd/lm 1	
stout SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 94 % 1.100 cd/lm 1 White ents:	
stoul SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon stoul SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 1.100 cd/lm 1 White ents:	
stout SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 94 % 1.100 cd/lm 1 White ents:	
stout SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 94 % 1.100 cd/lm 1 White ents:	



-		
SECOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	
SECUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	5° 2° 6° 6° 60 60 60 60 60 60 60 60 60 60 60 60 60
SECUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	
TOSHIBA Leading Innovation >>> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	



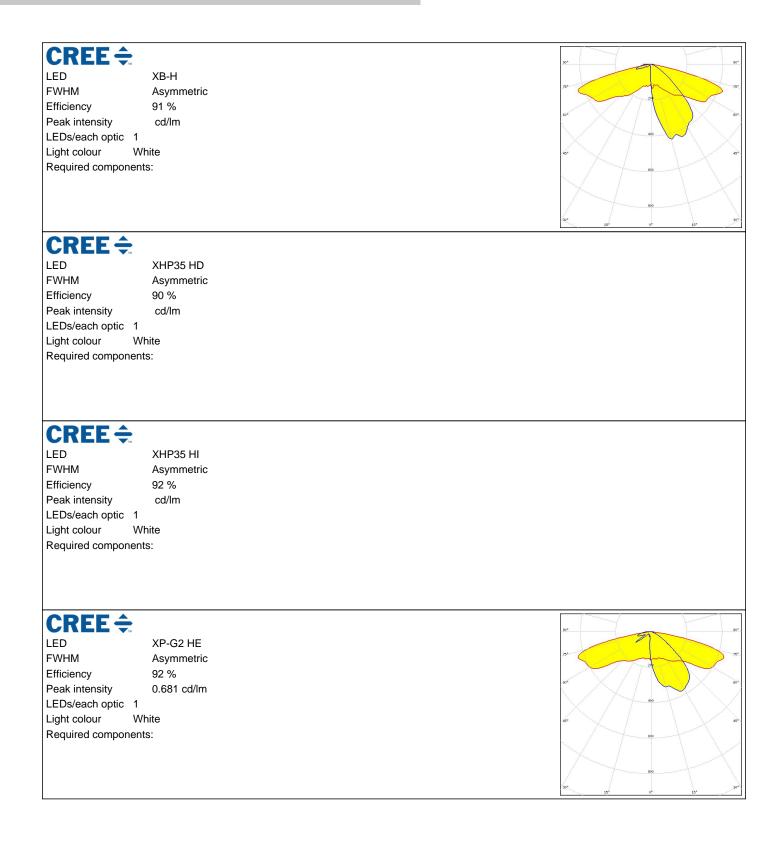




<b>TRIDON</b> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	RLE G1 49x133mm 2000lm xxx EXC OTD Asymmetric 94 % 1.100 cd/lm 1 White	5° 5° 6°
<b>TRIDON</b> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.100 cd/lm 1 White	
<b>TRIDON</b> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric 94 % 1.100 cd/lm 1 White	

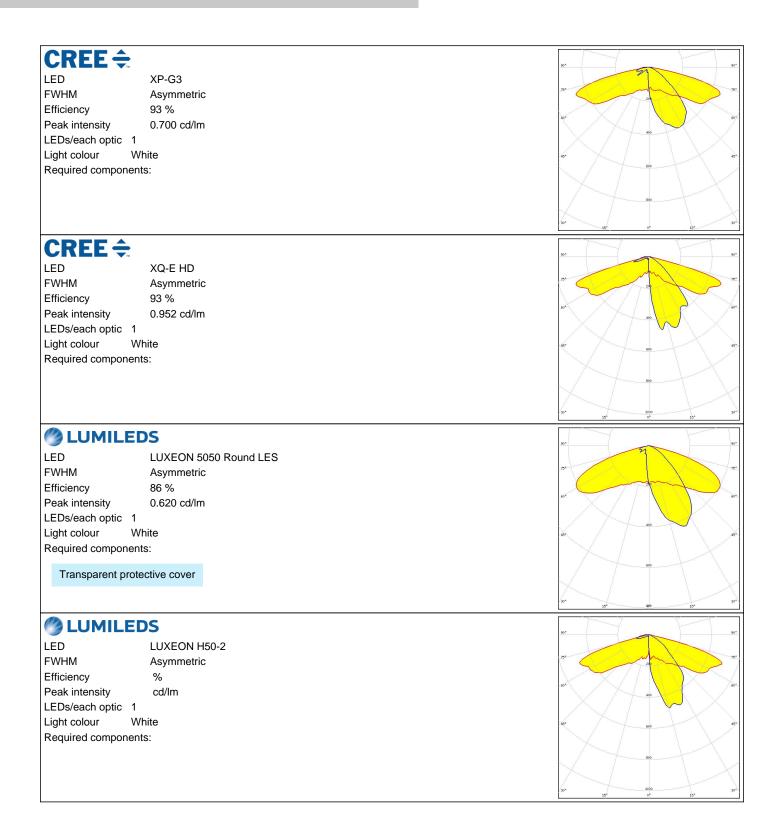


#### PHOTOMETRIC DATA (SIMULATED):





#### PHOTOMETRIC DATA (SIMULATED):





### PHOTOMETRIC DATA (SIMULATED):

LUMILED	S	
LED	LUXEON V2	
FWHM	Asymmetric	75° 70'
Efficiency	94 %	
-		501 501
	0.760 cd/lm	400
LEDs/each optic 1		$  \times   \times \rangle$
Light colour Wh		45* 660 45
Required components		$\times$
		300
		$\times$ $\land$ $\land$ $\times$
		30* 10 <sup>5</sup> 0 <sup>6</sup> 10 <sup>5</sup> 30 <sup>6</sup>
<b>Μ</b> ΝΙCΗΙΛ		
		90* 90
LED	NVSxx19B/NVSxx19C	- man
FWHM	Asymmetric	
Efficiency	93 %	
Peak intensity	0.893 cd/lm	440
LEDs/each optic 1		
Light colour Wh		45* 640 45
Required components		
		000
		$\times$ / $\times$ /
		1000
		30 15 <sup>5</sup> 0° 15° 30
OSRAM Opto Semiconductors		90* 90
OSRAM Opto Semiconductors	Duris S8	90° 99
LED	Duris S8 Asymmetric	<u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>
LED FWHM	Asymmetric	30 <sup>4</sup> 22
LED FWHM Efficiency	Asymmetric 86 %	90 <sup>3</sup> 92 30 <sup>4</sup> 30 60 <sup>4</sup> 60 <sup>9</sup>
LED FWHM Efficiency Peak intensity	Asymmetric	90 <sup>3</sup> 93 <sup>4</sup> 63 <sup>4</sup> 64
LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 86 % 0.650 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 86 % 0.650 cd/lm ite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 86 % 0.650 cd/lm ite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 86 % 0.650 cd/lm ite s:	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	Asymmetric 86 % 0.650 cd/lm ite s:	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	Asymmetric 86 % 0.650 cd/lm ite s:	20 <sup>1</sup> 20 <sup>3</sup>
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	Asymmetric 86 % 0.650 cd/lm ite s:	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Transparent protect	Asymmetric 86 % 0.650 cd/lm ite :: ctive cover	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Transparent protect	Asymmetric 86 % 0.650 cd/lm ite :: ctive cover OSCONIQ P 3737 (2W version)	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Transparent protect OSRAM Opto Semiconductors LED FWHM	Asymmetric 86 % 0.650 cd/lm ite s: ctive cover OSCONIQ P 3737 (2W version) Asymmetric	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Transparent protect OSRAM Opto Semiconductors LED FWHM Efficiency	Asymmetric 86 % 0.650 cd/lm ite s: ctive cover OSCONIQ P 3737 (2W version) Asymmetric 92 %	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Transparent protect OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity	Asymmetric 86 % 0.650 cd/lm ite s: ctive cover OSCONIQ P 3737 (2W version) Asymmetric	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Transparent protect Transparent protect Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 86 % 0.650 cd/lm ite s: ctive cover OSCONIQ P 3737 (2W version) Asymmetric 92 % 0.910 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Transparent protect OSRAM Optio Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 86 % 0.650 cd/lm ite s: ctive cover OSCONIQ P 3737 (2W version) Asymmetric 92 % 0.910 cd/lm ite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Transparent protect Transparent protect Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 86 % 0.650 cd/lm ite s: ctive cover OSCONIQ P 3737 (2W version) Asymmetric 92 % 0.910 cd/lm ite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Transparent protect OSRAM Optio Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 86 % 0.650 cd/lm ite s: ctive cover OSCONIQ P 3737 (2W version) Asymmetric 92 % 0.910 cd/lm ite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Transparent protect OSRAM Optio Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 86 % 0.650 cd/lm ite s: ctive cover OSCONIQ P 3737 (2W version) Asymmetric 92 % 0.910 cd/lm ite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Transparent protect Optio Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 86 % 0.650 cd/lm ite s: ctive cover OSCONIQ P 3737 (2W version) Asymmetric 92 % 0.910 cd/lm ite	

PRODUCT DATASHEET

C13300\_STRADA-2X2-T2



### PHOTOMETRIC DATA (SIMULATED):

OSRAM	
	50° 50°
LED OSCONIQ P 3737 (3W version) FWHM Asymmetric	78 72
FWHMAsymmetricEfficiency94 %	
Peak intensity 0.730 cd/lm LEDs/each optic 1	
Light colour White	
Required components:	· 0' 00
	80
	30* <u>10</u> 5 <u>10</u> 50 30*
OSRAM Opto Semiconductors	
LED OSLON Square PC	
FWHM Asymmetric	751 72
Efficiency 87 %	
Peak intensity 0.700 cd/lm	766 · *00
LEDs/each optic 1	
Light colour White	40
Required components:	
	00
Transparent protective cover	
	30 <sup>4</sup> 25 <sup>5</sup> 86 30 <sup>4</sup>
SEQUL SEMICONDUCTOR	
LED SEOUL DC 5050 6V	51
FWHM Asymmetric	75 75
Efficiency 95 %	
Peak intensity 0.649 cd/lm	60° 60°
LEDs/each optic 1	40
Light colour White	6° 6'
Required components:	60
	22 <sup>3</sup> 0 <sup>1</sup> 22 <sup>3</sup>
SEOUL SEMICONDUCTOR	90* 90*
LED Z8Y19	
FWHM Asymmetric	21 72
Efficiency 90 %	
Peak intensity 0.587 cd/lm	50 <sup>4</sup> 6 <sup>4</sup>
LEDs/each optic 4	
Light colour White	6° 6'
Required components:	60
	$\times$
	80



### PHOTOMETRIC DATA (SIMULATED):

SEOUL		
 SEOUL SEMICONDUCTOR		90*
LED	Z8Y19	
FWHM	Asymmetric	200
Efficiency	93 %	
Peak intensity	0.900 cd/lm	400
LEDs/each optic	1	$\vee$ X/I/X
Light colour	White	45* 600
Required compone	ents:	
		1000
		30* 15 <sup>5</sup> 0 <sup>6</sup> 15



#### **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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#### **LEDiL Oy**

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