

## STRADA-2X2-XW

Extra wide beam for wide area security lighting

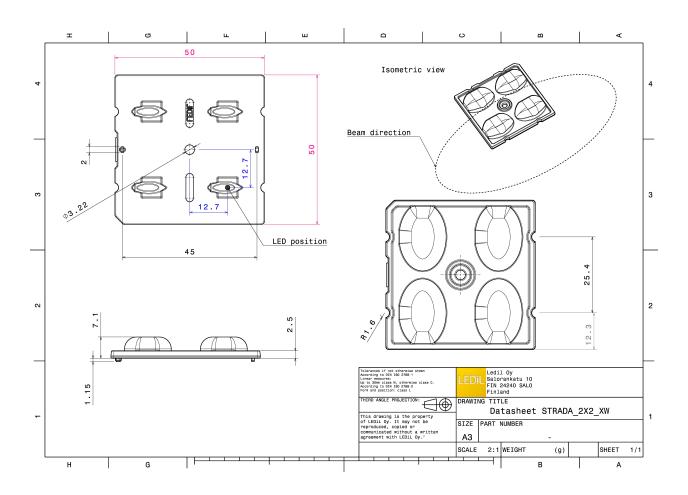
### **TECHNICAL SPECIFICATIONS:**

Dimensions	50.0 mm
Height	7.1 mm
Fastening	glue, pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.4 kg
Quantity in Box	800 pcs
ROHS compliant	yes 🛈



### **MATERIAL SPECIFICATIONS:**

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



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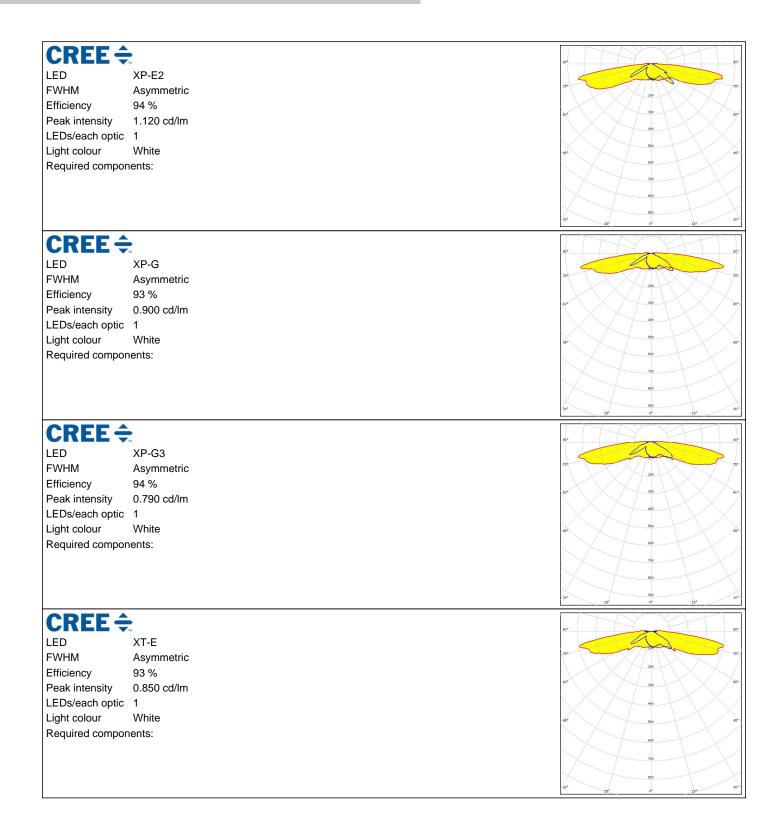


## PHOTOMETRIC DATA (MEASURED):

LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	
		50° 0° 53° 30°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	QUICK FLUX XTP 2x6 xxx LS G5 Asymmetric 94 % 0.850 cd/lm 1 White	
Required compon		50 10 10 10 10 10 10 10 10 10 1
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	XB-H Asymmetric 94 % 0.870 cd/lm 1 White	
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	XP-E Asymmetric 94 % 1.110 cd/lm 1 White	

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🕒 LG Innot	ek	
-		90* 90*
LED	H35C1 (LEMWA33)	780 730
FWHM	Asymmetric	200
Efficiency	94 %	20 <sup>6</sup> 300 60 <sup>4</sup>
Peak intensity	0.950 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 500 45*
Required compor	nents:	60
		710
		80
		× ×
		30° 15° 30°
	FDS	
		90* 90*
LED	LUXEON 5050	
FWHM	Asymmetric	
Efficiency	94 %	20
Peak intensity	0.500 cd/lm	X X X
LEDs/each optic	1	$X \times I \times X$
Light colour	White	45* 400 45*
Required compor	nents:	200
		700
		30° 23 <sup>2</sup> 0° 13° 30°
CONTRACTOR	EDS	9)*
		99 <sup>3</sup> 99 <sup>3</sup>
LED	LUXEON MZ	10 10 10 10 10 10 10 10 10 10 10 10 10 1
LED FWHM	LUXEON MZ Asymmetric	<u>80</u> * <u>97</u> 70 <u>70</u> 70 70 <u>70</u> 70
LED FWHM Efficiency	LUXEON MZ Asymmetric 94 %	50° 500 60°
LED FWHM Efficiency Peak intensity	LUXEON MZ Asymmetric 94 % 0.740 cd/lm	90° 90° 30° 20° 30° 80° 30° 40°
LED FWHM Efficiency Peak intensity LEDs/each optic	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White	50°
LED FWHM Efficiency Peak intensity LEDs/each optic	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White	5°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White	5° 50 6° 6° 50 6° 6° 50 6°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White	50° 500 60° 60° 60° 60° 60° 60° 60° 60° 60° 6
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White	5°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White hents:	20 70 20
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White hents: EDS LUXEON T Asymmetric	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White hents: EDS LUXEON T Asymmetric 94 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White hents: EDS LUXEON T Asymmetric 94 % 0.930 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White hents: EDS LUXEON T Asymmetric 94 % 0.930 cd/lm 1	70
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White nents:	70
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White nents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White nents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White nents:	70
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON MZ Asymmetric 94 % 0.740 cd/lm 1 White nents:	70



## PHOTOMETRIC DATA (MEASURED):

UMIL	EDS	
LED	LUXEON TX	
FWHM	Asymmetric	75* 70
Efficiency	94 %	
Peak intensity	1.000 cd/lm	
LEDs/each optic	1	40
Light colour	White	45° 000 43*
Required compor	ents:	60
		700
		000
		30* <u>15</u> * 0° <u>15</u> * 30*
<b>ØNICHIA</b>		90* 90* 90*
LED	NVSW3x9A	
FWHM	Asymmetric	730 - 750
Efficiency	94 %	200
Peak intensity	0.720 cd/lm	.00°
LEDs/each optic	1	40
Light colour	White	45' 540 45'
Required compor	ents:	
		760
		30° 15 <sup>3</sup> 0° 15° 31°
<b>ØNICHIA</b>		
LED	NVSxE21A	90° 90°
FWHM	Asymmetric	710 710
Efficiency	94 %	20
Peak intensity	1.100 cd/lm	.60° 60°.
LEDs/each optic		
Light colour	White	5°
Required compor	ents:	76
		00
		500
		30° 15 <sup>3</sup> 10 <sup>30</sup> 10° 31°
ØNICHIA		
LED	NVSxx19B/NVSxx19C	9° - 9°
FWHM	Asymmetric	750 750
Efficiency	93 %	20
Peak intensity	0.800 cd/lm	50* 30 50*
LEDs/each optic		40
Light colour	White	45* 50 45*
Required compor	ents:	600
1		200
		30-

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OSRAM		
Opto Semiconductors	Duris S8	90° 90°
FWHM	Asymmetric	75*
Efficiency	94 %	
Peak intensity	0.470 cd/lm	60%
LEDs/each optic		X / w
Light colour	White	
Required compor		40 40 40
		50
		30° 13° 709 30°.
OSRAM Opto Semiconductors		90 <sup>+</sup>
LED	OSLON Square PC	
FWHM	Asymmetric	75°
Efficiency	94 %	
Peak intensity	0.870 cd/lm	80 <sup>+</sup> 300 80 <sup>+</sup>
LEDs/each optic		400
Light colour	White	45° 200 45°
Required compor	ients:	640
		700
		800
		90
		30° 30° 30°
PHILIP	S	
		10 <sup>1</sup>
LED	Fortimo FastFlex LED 2x8 DAX G4	90° 90°
LED FWHM	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric	
LED FWHM Efficiency	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 %	
LED FWHM Efficiency Peak intensity	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm 1 White	00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm 1 White ients:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm 1 White ients:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm 1 White tents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm 1 White tents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor <b>SAMSU</b> LED FWHM Efficiency Peak intensity	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm 1 White eents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm 1 White tents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor <b>SAMSU</b> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm 1 White nents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm 1 White nents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor <b>SAMSU</b> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm 1 White nents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor <b>SAMSU</b> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.800 cd/lm 1 White nents:	



SEOUL		
SEOUL SEMICONDUCTOR	Z5M1/Z5M2	
FWHM	Asymmetric	734 784
Efficiency	94 %	200
	1.000 cd/lm	60* 60*
Peak intensity		460
LEDs/each optic		XXXX
Light colour	White	45* 600 45*
Required compon	ents:	710
		80
		300
		30° 15° 0° 15° 30°.
SEOUL		
SEOUL SEMICONDUCTOR		90* 90*
LED	Z8Y22	
FWHM	Asymmetric	75*
Efficiency	94 %	
Peak intensity	0.730 cd/lm	
LEDs/each optic		400
Light colour	White	45* 500 45*
Required compon	ents:	000
		200
		80, 23, 23, 23, 23, 23, 23, 23, 23, 23, 23, 23, 24,
SEOUL SEMICONDUCTOR	Z8Y22P	8° 9°
seoul semiconductor	Z8Y22P Asymmetric	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
seoul semiconductor LED FWHM	Asymmetric	20° <u>5°</u> 29° 30° <u>90°</u> 30° <u>5°</u> 30° 30° <u>5°</u> 30°
seoul semiconductor LED FWHM Efficiency	Asymmetric 94 %	20° <u>5</u> 55 90° <u>90°</u> 20° <u>700</u> 60° <u>700</u> 60° <u>700</u> 60° <u>700</u>
seoul semiconductor LED FWHM Efficiency Peak intensity	Asymmetric 94 % 0.760 cd/lm	20° <u>5</u> 9° 9° 9° 9° 9° 9° 9° 9° 9° 9°
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.760 cd/lm 1	20° <u>50</u> <u>60</u>
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.760 cd/lm 1 White	20° <u>5</u> 9° 9° 6° 90 6° 90 6° 6° 50° 50° 50° 50° 50° 50° 50° 50
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.760 cd/lm 1 White	27 <u>2</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u>
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.760 cd/lm 1 White	27 <u>2</u> <u>5</u> <u>5</u> <u>70</u> <u>70</u> <u>70</u> <u>70</u> <u>70</u> <u>70</u> <u>70</u> <u>70</u>
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.760 cd/lm 1 White	20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.760 cd/lm 1 White	20° <u>50</u> 9° <u>50</u> 6° <u>50</u> 6° <u>60</u> 70 70 70 70 70 70 70 70 70 70
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.760 cd/lm 1 White	20° <u>5</u> 20° <u>9°</u> 40° <u>9°</u> 40° <u>9°</u> 40° <u>9°</u> 40° <u>9°</u> 50° <u>60°</u> 70° <u>60°</u> 70° <u>60°</u> 70° <u>60°</u> 70° <u>60°</u> 70° <u>60°</u> 70° <u>60°</u> 70° <u>60°</u> 70° <u>70°</u> 70° <u>70</u>
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 94 % 0.760 cd/lm 1 White lents:	20° 20° 20°
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 94 % 0.760 cd/lm 1 White lents: TL1L4	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 94 % 0.760 cd/lm 1 White ents: TL1L4 Asymmetric	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon <b>TOSHIBA</b> Leading Innovation 32 LED FWHM Efficiency	Asymmetric 94 % 0.760 cd/lm 1 White ents: TL1L4 Asymmetric 90 %	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon TOSHIBA Leading Innovation 32 LED FWHM Efficiency Peak intensity	Asymmetric 94 % 0.760 cd/lm 1 White ents: TL1L4 Asymmetric 90 % 0.880 cd/lm	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon <b>TOSHIBA</b> Leading Innovation LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.760 cd/lm 1 White ents: TL1L4 Asymmetric 90 % 0.880 cd/lm 1	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon <b>TOSHIBA</b> Leading Innovation LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.760 cd/lm 1 White vents: TL1L4 Asymmetric 90 % 0.880 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon <b>TOSHIBA</b> Leading Innovation LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.760 cd/lm 1 White vents: TL1L4 Asymmetric 90 % 0.880 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon TOSHIBA Leading Innovation » LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.760 cd/lm 1 White vents: TL1L4 Asymmetric 90 % 0.880 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon TOSHIBA Leading Innovation » LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.760 cd/lm 1 White vents: TL1L4 Asymmetric 90 % 0.880 cd/lm 1 White	27 <u>5</u> 29 40 40 40 40 40 40 40 40 40 40
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon <b>TOSHIBA</b> Leading Innovation LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.760 cd/lm 1 White vents: TL1L4 Asymmetric 90 % 0.880 cd/lm 1 White	



### **PHOTOMETRIC DATA (MEASURED):**

#### **TRIDONIC** LED RLE 2x4 2000lm HP EXC2 OTD FWHM Asymmetric 94 % Efficiency 1.000 cd/lm Peak intensity LEDs/each optic 1 Light colour White Required components: TRIDONIC LED RLE 2x8 4000lm HP EXC2 OTD FWHM Asymmetric 94 % Efficiency Peak intensity 1.000 cd/lm LEDs/each optic 1 Light colour White Required components: TRIDONIC LED RLE G1 49x121mm 2000lm xxx EXC OTD FWHM Asymmetric Efficiency 94 % Peak intensity 0.860 cd/lm LEDs/each optic 1 Light colour White Required components: TRIDONIC LED RLE G1 49x133mm 2000lm xxx EXC OTD FWHM Asymmetric Efficiency 94 % Peak intensity 0.860 cd/lm LEDs/each optic 1 White Light colour Required components:

Last update: 12/05/2017 Subject to change without prior notice LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

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LED       RLE G1 49x223mm 4000lm xxx EXC OTD         FWHM       Asymmetric         Efficiency       94 %         Peak intensity       0.860 cd/lm         LEDs/each optic       1         Light colour       White         Required components:       1	5° 109 6° 10° 10°
Image: Constraint of the system of the sy	200 200 200 200 200 200 200 200



## PHOTOMETRIC DATA (SIMULATED):

CREE ≑		90* 90*
LED	J Series 5050	4
FWHM	Asymmetric	73°
Efficiency	89 %	20
Peak intensity	0.510 cd/lm	60 <sup>4</sup>
LEDs/each optic 1		
Light colour Wh	nite	
Required components		
	5.	
		710
		30° 15 <sup>5</sup> 0° 15° 30°
🕑 LG Innotek		
		90* 90*
LED	H35C0 (LEMWA33)	75° ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
FWHM	Asymmetric	200
Efficiency	92 %	.60* 60*
Peak intensity	0.800 cd/lm	400
LEDs/each optic 1		
Light colour Wh		45° 600 45°
Required components	Si	
		800
		$\times$ / $\setminus$ $\times$
		30* 1000 30*
		14 <sup>0</sup> 0 <sup>0</sup> 15 <sup>+</sup>
OSRAM		50° 50°
OSRAM	PrevaLED Brick HP 2x8	No. Star
LED	PrevaLED Brick HP 2x8 Asymmetric	90°
LED FWHM	Asymmetric	200
LED FWHM Efficiency	Asymmetric 86 %	90* 07 30 - 200 72 60* 00 - 60*.
LED FWHM Efficiency Peak intensity	Asymmetric	90*
LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 86 % 0.850 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 86 % 0.850 cd/lm	00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 86 % 0.850 cd/lm	00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 86 % 0.850 cd/lm	00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 86 % 0.850 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 86 % 0.850 cd/lm	20°
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 86 % 0.850 cd/lm	00° 00° 00° 00° 00° 00° 00° 00° 00° 00° 00° 00°
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	Asymmetric 86 % 0.850 cd/lm nite s:	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	Asymmetric 86 % 0.850 cd/lm nite s: OSCONIQ P 3737 (2W version)	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	Asymmetric 86 % 0.850 cd/lm hite s: OSCONIQ P 3737 (2W version) Asymmetric	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WH Required components	Asymmetric 86 % 0.850 cd/lm nite s: OSCONIQ P 3737 (2W version) Asymmetric 87 %	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WH Required components Opto Semiconductors LED FWHM Efficiency Peak intensity	Asymmetric 86 % 0.850 cd/lm hite s: OSCONIQ P 3737 (2W version) Asymmetric	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Required components LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 86 % 0.850 cd/lm hite s: OSCONIQ P 3737 (2W version) Asymmetric 87 % 0.810 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Correst LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 86 % 0.850 cd/lm nite s: OSCONIQ P 3737 (2W version) Asymmetric 87 % 0.810 cd/lm nite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Required components LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 86 % 0.850 cd/lm nite s: OSCONIQ P 3737 (2W version) Asymmetric 87 % 0.810 cd/lm nite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Required components LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 86 % 0.850 cd/lm nite s: OSCONIQ P 3737 (2W version) Asymmetric 87 % 0.810 cd/lm nite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Required components LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 86 % 0.850 cd/lm nite s: OSCONIQ P 3737 (2W version) Asymmetric 87 % 0.810 cd/lm nite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Correspondenters LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 86 % 0.850 cd/lm nite s: OSCONIQ P 3737 (2W version) Asymmetric 87 % 0.810 cd/lm nite	

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### **PHOTOMETRIC DATA (SIMULATED):**

#### OSRAM Opto Semiconductors

LED OS FWHM Asy Efficiency 90 <sup>O</sup> Peak intensity 0.60 LEDs/each optic 1 Light colour White Required components:

OSCONIQ P 3737 (3W version) Asymmetric 90 % 0.660 cd/lm

#### OSRAM Opto Semiconductore

 LED
 OSLON Square CSSRM2/CSSRM3

 FWHM
 Asymmetric

 Efficiency
 86 %

 Peak intensity
 0.850 cd/lm

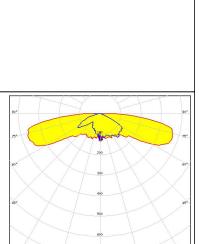
 LEDs/each optic
 1

 Light colour
 White

 Required components:

#### SEOUL

srour sknookburtor LED SEOUL DC 5050 6V FWHM Asymmetric Efficiency 92 % Peak intensity 0.540 cd/lm LEDs/each optic 1 Light colour White Required components:





### **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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### Local sales and technical support www.ledil.com/ where\_to\_buy

Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/ where\_to\_buy