

STRADA-IP-2X6-DWC

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

TECHNICAL SPECIFICATIONS:

Dimensions173.0 x 71.4 mmHeight9 mmFasteningpin, screwROHS compliantyes ^①



MATERIAL SPECIFICATIONS:

Component STRADA-IP-2X6-DWC 2X6-SEAL25

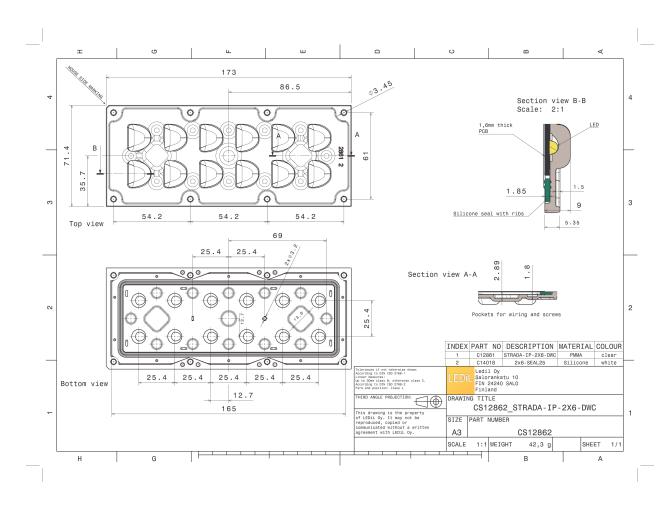
Туре	Mat
Multi-lens	PMN
Seal	Silic

Material	Colour	Finish
PMMA	clear	
Silicone	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS12862_STRADA-IP-2X6-DWC	Multi-lens	120	40	40	6.8
» Box size: 476 x 273 x 247 mm					

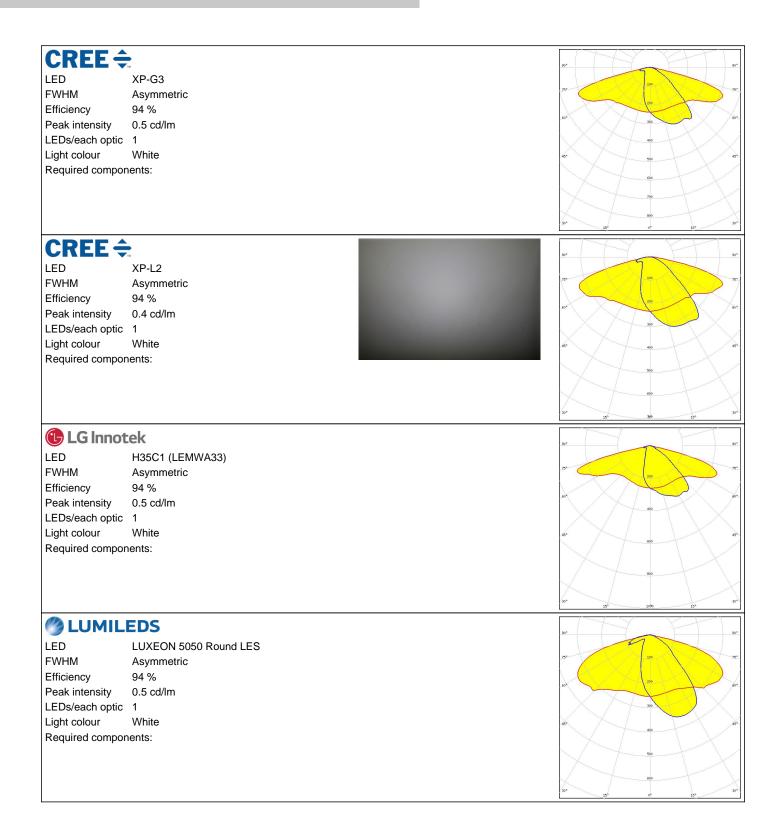
R PRODUCT DATASHEET CS12862_STRADA-IP-2X6-DWC





LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	5°, 60 00 00 00
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	XP-G Asymmetric 96 % 0.5 cd/lm 1 White	20 ¹ 15 ¹ 15 ¹ 20 ¹ 15 ¹ 30 ¹
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	XP-G2 Asymmetric 94 % 0.6 cd/lm 1 White	







🥙 LUMILI	EDS			
LED	LUXEON R			
FWHM	Asymmetric			
Efficiency	96 %			
Peak intensity	0.6 cd/lm			
LEDs/each optic				
Light colour	White			
Required compon	ents:			
🖉 LUMILI	EDS			
LED	LUXEON Rebel ES			
FWHM	Asymmetric			
Efficiency	96 %			
Peak intensity	0.6 cd/lm			
LEDs/each optic				
Light colour	White			
Required compon	ents:			
			8*	90*
LED	LUXEON T	 	9° 7°	90°
LED FWHM			25 20	90*
LED	LUXEON T Asymmetric			90°
LED FWHM Efficiency	LUXEON T Asymmetric 95 % 0.6 cd/lm		90* 303 64 40	90* 90*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON T Asymmetric 95 % 0.6 cd/lm 1 White			50°
LED FWHM Efficiency Peak intensity LEDs/each optic	LUXEON T Asymmetric 95 % 0.6 cd/lm 1 White		20 20 60 60 60	97 97 67 67
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON T Asymmetric 95 % 0.6 cd/lm 1 White		92° 23° 64° 60° 60° 60° 60° 60°	90 72 607
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON T Asymmetric 95 % 0.6 cd/lm 1 White			92 52 64
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON T Asymmetric 95 % 0.6 cd/lm 1 White		50° 50° 60 60 60 60 60 60 60 60 60 60 60 60 60	5° 5° 6°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 95 % 0.6 cd/lm 1 White ents:			30°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 95 % 0.6 cd/lm 1 White ents:			55°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 95 % 0.6 cd/lm 1 White ents: EDS LUXEON V			92 92 60 ⁴ 90 90 90 90 90
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 95 % 0.6 cd/lm 1 White ents:			92 ⁴ 65 ⁴ 93 ⁵ 93 ⁶ 93 ⁶ 93 ⁷
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 95 % 0.6 cd/lm 1 White ents: EDS LUXEON V Asymmetric			
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 95 % 0.6 cd/lm 1 White ents: EDS LUXEON V Asymmetric 92 % 0.5 cd/lm			
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 95 % 0.6 cd/lm 1 White ents: EDS LUXEON V Asymmetric 92 % 0.5 cd/lm			
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon Wequired compon Composite LED FWHM Efficiency Peak intensity LEDs/each optic	LUXEON T Asymmetric 95 % 0.6 cd/lm 1 White ents: EDS LUXEON V Asymmetric 92 % 0.5 cd/lm 1 White			
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon Wequired compon Composition LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON T Asymmetric 95 % 0.6 cd/lm 1 White ents: EDS LUXEON V Asymmetric 92 % 0.5 cd/lm 1 White			
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon Wequired compon Composition LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON T Asymmetric 95 % 0.6 cd/lm 1 White ents: EDS LUXEON V Asymmetric 92 % 0.5 cd/lm 1 White			

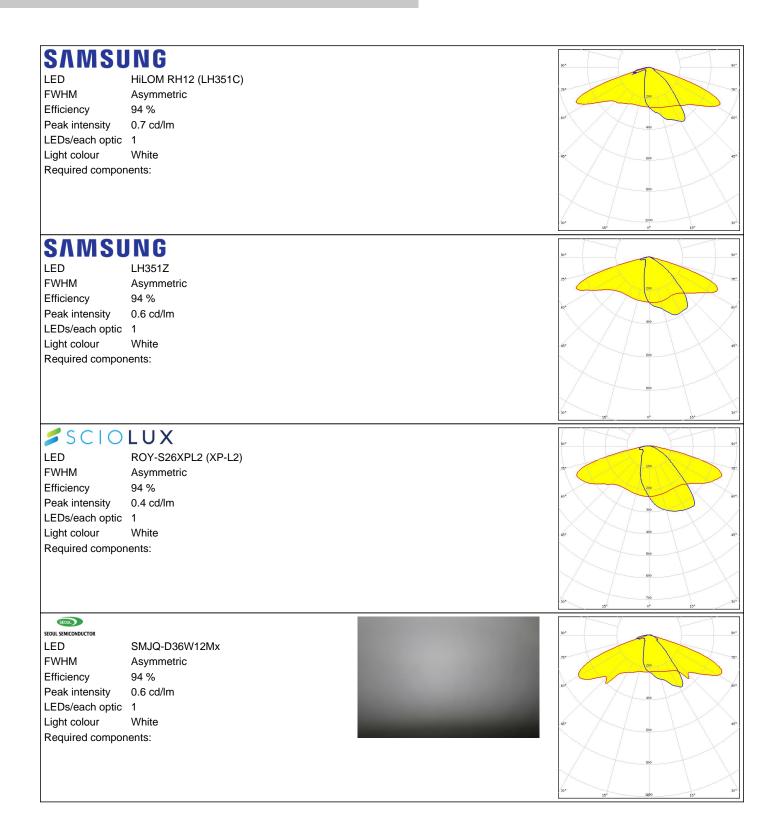


Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system	90*
LED LUXEON V2 FWHM Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm	
FWHM Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm	
Efficiency 94 % Peak intensity 0.5 cd/lm	75
Peak intensity 0.5 cd/lm	2
	60*
LEDs/each optic 1	
Light colour White	45*
Required components:	
50	
	30*
	-
<i>₩</i> NICHIΛ	90*
LED NVSW219D	
FWHM Asymmetric	75°
Efficiency 94 %	
Peak intensity 0.5 cd/lm	60*
LEDs/each optic 1	
Light colour White	-5 ⁺
Required components:	40*
Required components.	
**	
30*	30*
	_
₩ NICHIA	90*
LED NVSW219F	
FWHM Asymmetric	750
Efficiency 94 %	\leq
	60*
Peak intensity 0.5 cd/lm	
LEDs/each optic 1	
LEDs/each optic 1 Light colour White	45*
LEDs/each optic 1	45+
LEDs/each optic 1 Light colour White	654
LEDs/each optic 1 Light colour White	45*
LEDs/each optic 1 Light colour White	45+
LEDs/each optic 1 Light colour White Required components:	45*
LEDs/each optic 1 Light colour White Required components:	30*
LEDs/each optic 1 Light colour White Required components:	31 ⁴
LEDS/each optic 1 Light colour White Required components:	57* 30*
LEDs/each optic 1 Light colour White Required components:	67 ⁺
LEDS/each optic 1 Light colour White Required components:	57* 30* 90*
LEDs/each optic 1 Light colour White Required components:	30°
LEDs/each optic 1 Light colour White Required components:	30°
LEDs/each optic 1 Light colour White Required components:	3°
LEDs/each optic 1 Light colour White Required components:	67 30 ¹ 67 67
LEDs/each optic 1 Light colour White Required components:	*6 *10 *10 *10
LEDs/each optic 1 Light colour White Required components:	
LEDs/each optic 1 Light colour White Required components:	



		P
ØNICHIA		90* 90*
LED	NVSW3x9A	
FWHM	Asymmetric	75°
Efficiency	94 %	200
Peak intensity	0.5 cd/lm	.604
LEDs/each optic		× / 40
Light colour	White	45* 50 45*
Required compor		
		600
		740
		30° 15° 30°
Ø NICHIA		90* 90*
LED	NVSxx19B/NVSxx19C	
FWHM	Asymmetric	730 700 700
Efficiency	94 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 45*
Required compor	ients:	600
		\times
		200
		30* 30*
000044		15 ² 0 ⁶ 15 ²
OSRAM Opto Semiconductors		90° 90°
LED	Duris S8	7
FWHM	Asymmetric	75°
Efficiency	94 %	
Peak intensity	0.5 cd/lm	60* 6**
LEDs/each optic	1	× / 30
Light colour	White	45* 6*
Required compor	ients:	400
		500
		\times
		600
OSDAM		115 ⁵ 0 ⁶ 10 ⁵
OSRAM Opto Semiconductors		90°
Opto Semiconductors	OSLON Square PC	20 ⁴ 23 ⁵ 0 ⁴ 13 ⁵ 7
Opto Semiconductors LED FWHM	Asymmetric	32 ¹ 0 ¹ 12 ² 90 ² 90 ² 90 ²
Depto Semiconductors LED FWHM Efficiency	Asymmetric 96 %	
opto Semiconductors LED FWHM Efficiency Peak intensity	Asymmetric 96 % 0.6 cd/lm	20 20 20 20 20 20 20 20 20 20 20 20 20 2
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 96 % 0.6 cd/lm 1	20 ¹ 20 ¹ 20 ¹ 20 ¹ 20 ¹
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 96 % 0.6 cd/lm 1 White	61° 60° 60° 80° 60° 60°
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 96 % 0.6 cd/lm 1 White	20 ¹ 20 ¹ 10 ² 20 20 ¹ 20 60 ¹ 60 ¹ 60 ¹ 60 ¹ 60 ¹ 60 ¹ 60 ¹
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 96 % 0.6 cd/lm 1 White	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 96 % 0.6 cd/lm 1 White	20 ¹ 23 ¹ 0 ¹ 13 ² 2 ³
opto semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 96 % 0.6 cd/lm 1 White	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°





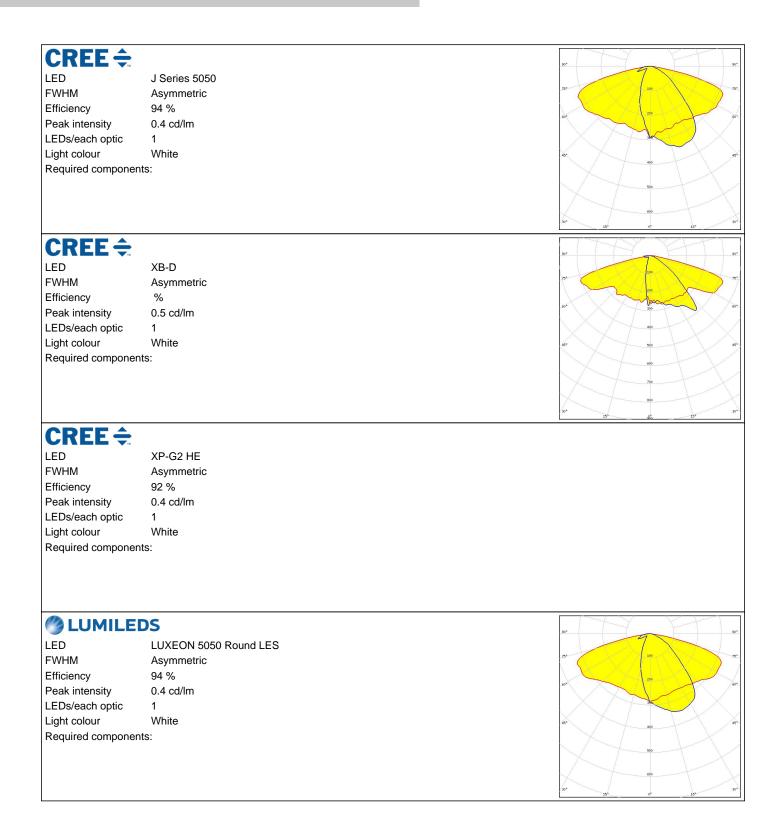


SEOUL		TAYAT
		90* 90*
LED	SMJQ-D36W12Px	75* 100 75*
FWHM	Asymmetric	
Efficiency	94 %	50° 60°
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	400
Light colour	White	45* 500 45*
Required compor	nents:	
		700
		30° 15° 30°
SEOUL		
SEOUL SEMICONDUCTOR		90* 90*
LED	Z5M3	73.0 100 77.0
FWHM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.5 cd/lm	300
LEDs/each optic	1	400
Light colour	White	45° 5%0 55°
Required compor	nents:	
		600
		700
		X
		30° 13° 30°
SEOUL		
SEOUL SEMICONDUCTOR		B1.
SEOUL SEMICONDUCTOR	Z8Y22	90 ⁴ 97 ⁴
seoul semiconductor LED FWHM	Asymmetric	20 ³ 80 ⁴
seoul semiconductor LED FWHM Efficiency	Asymmetric 94 %	9x* 9x*
seoul semiconductor LED FWHM Efficiency Peak intensity	Asymmetric 94 % 0.6 cd/lm	90° 90° 73° 00° 60° 60°
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.6 cd/lm 1	90° 90° 25° 000 90° 200 6°
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.6 cd/lm 1 White	80° (00) (00) (00) (00) (00) (00) (00) (0
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	
stoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.6 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDS/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White hents:	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDS/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White nents: Z8Y22P	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White nents: Z8Y22P Asymmetric	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White hents: Z8Y22P Asymmetric 94 %	
stoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White hents: Z8Y22P Asymmetric 94 % 0.5 cd/lm	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.6 cd/lm 1 White nents: Z8Y22P Asymmetric 94 % 0.5 cd/lm 1	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White hents: Z8Y22P Asymmetric 94 % 0.5 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.6 cd/lm 1 White hents: Z8Y22P Asymmetric 94 % 0.5 cd/lm 1 White	15° 100 13° 00° 00° 00° 00° 00° 00° 00° 00° 00° 0
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White hents: Z8Y22P Asymmetric 94 % 0.5 cd/lm 1 White	15° 100 13° 00° 00° 00° 00° 00° 00° 00° 00° 00° 0
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White hents: Z8Y22P Asymmetric 94 % 0.5 cd/lm 1 White	15° 100 13° 00° 00° 00° 00° 00° 00° 00° 00° 00° 0
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 94 % 0.6 cd/lm 1 White hents: Z8Y22P Asymmetric 94 % 0.5 cd/lm 1 White	15° 100 13° 00° 00° 00° 00° 00° 00° 00° 00° 00° 0

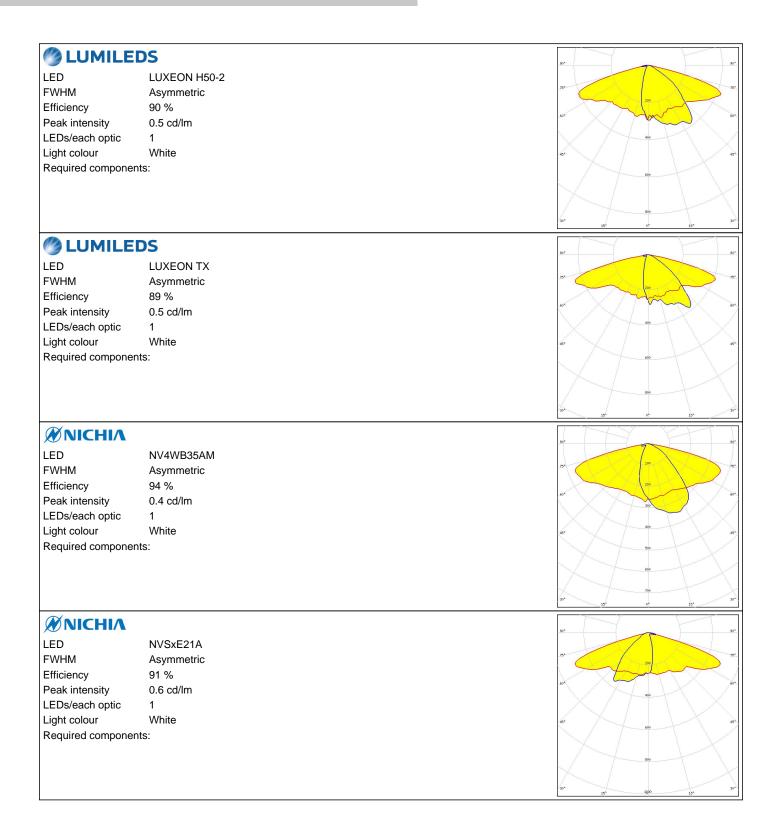


TOSHIBA Leading Innovation 39 LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	RLE 2x6 3000lm HP EXC2 OTD Asymmetric 94 % 0.6 cd/lm 1 White	99° 99° 73° 99° 63° 660 67° 65° 660 67° 990 900 900 900 900 900 900 900 900 90





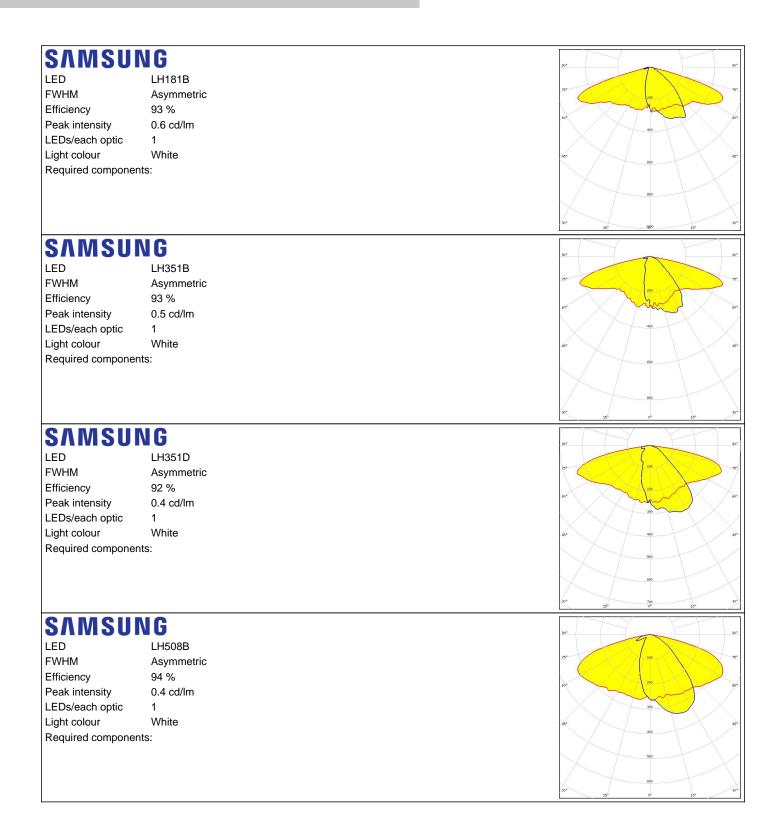






OSRAM		
Opto Semiconductors		90°
FWHM	OSCONIQ P 3737 (2W version) Asymmetric	754
	90 %	
Efficiency		50*
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	451
Required componer	IIS.	80
		80
		30° 23 ⁵ 0° 15°
OSRAM Opto Semiconductors		ו
LED	OSCONIQ P 3737 (3W version)	7
FWHM	Asymmetric	7 0 100
Efficiency	94 %	200
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	167
Required componer	nts:	
		70
		30° 232 0° 13°
OSRAM Opto Semiconductors		30*
LED	OSLON Square CSSRM2/CSSRM3	
FWHM	Asymmetric	
Efficiency	93 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	460
Light colour	White	45
Required componer	nts:	00
		30* 300 11*
OSRAM		
Opto Semiconductors		80*
LED	OSLON Square CSSRM2/CSSRM3	74
FWHM	Asymmetric	
Efficiency	93 %	. 60 ⁴
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	45° X / X / X
Required componer	nts:	640
		\times / \setminus \times
		80







stoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	SEOUL DC 5050 6V Asymmetric 94 % 0.4 cd/lm 1 White s:	9,° 10 10 10 10 10 10 10 10 10 10
SEOUL SEOUL SEMICONDUCTOR		
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	Z5M Asymmetric 89 % 0.5 cd/lm 1 White s:	
stoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	Z5M1/Z5M2 Asymmetric 90 % 0.6 cd/lm 1 White s:	51 60 60 60 60 60 67
TOSHIBA Leading Innovation >>> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	TL1L2 Asymmetric 88 % 0.5 cd/lm 1 White S:	



TOSHIBA Leading Innovation >>>		87 80
LED	TL1L3	
FWHM	Asymmetric	750
Efficiency	86 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	er 30 er
Required component	its:	\times
		40
		500
		30 ⁴ 13 ⁵ 0° 15 ⁴



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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