

STRADA-IP-2X6-T4-B

Wide IESNA Type IV beam with forward-throw beam for wide area lighting like car parks

TECHNICAL SPECIFICATIONS:

Dimensions

Fastening

Height

10.6 mm

yes 🛈

71.4 x 173.0 mm

screw

ROHS compliant

MATERIAL SPECIFICATIONS:

Component STRADA-IP-2X6-T4-B 2X6-SEAL25 **Type** Multi-lens Seal

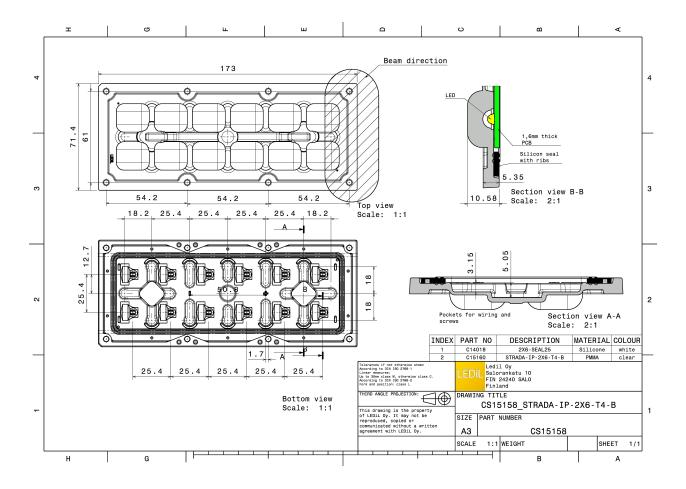


Material	Colour	Finish
PMMA	clear	
Silicone	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS15158_STRADA-IP-2X6-T4-B	Multi-lens	120	40	40	7.8
» Box size: 476 x 273 x 247 mm					

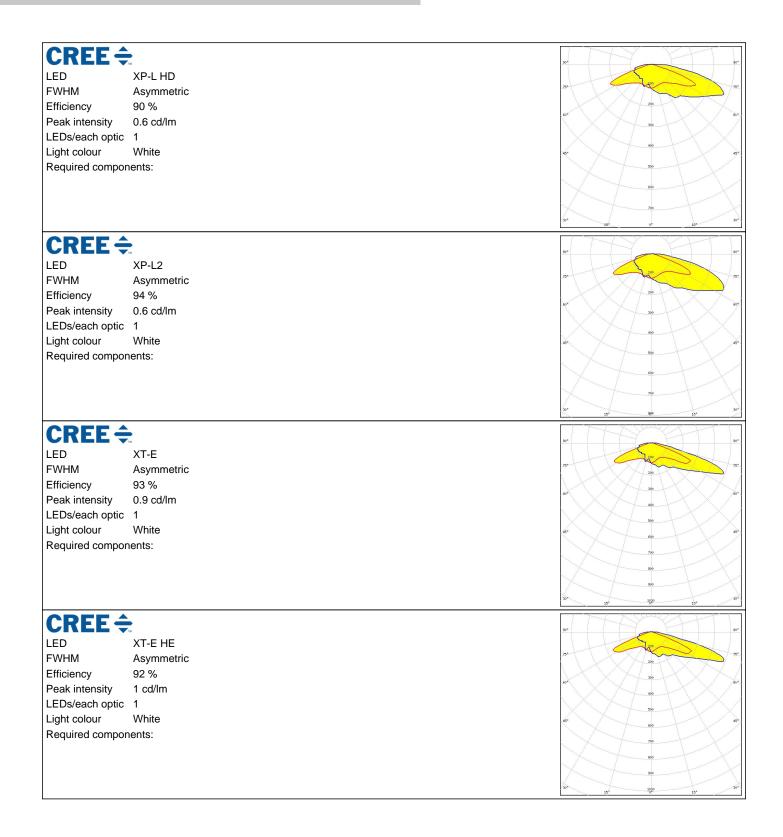
PRODUCT DATASHEET CS15158_STRADA-IP-2X6-T4-B





		-
bridgelux. LED FWHM	Bridgelux SMD 5050 Asymmetric	32 <u>200</u> 22.
Efficiency	94 %	200
Peak intensity	0.5 cd/lm	60*
LEDs/each optic		400
Light colour	White	45*
Required compon	ents:	500
		600
		700
		30° 15° 30°
CODET		
CODET		\$0* 90 ⁺
LED	QUICK FLUX 2x6 LED XG xxx G7+	200
FWHM	Asymmetric	The second secon
Efficiency	94 %	
Peak intensity	0.8 cd/lm	50* 30 50*
LEDs/each optic		460
Light colour	White	200
		- 67*
Required compon	ents:	600
		760
		80
		15 ⁵ 0 ⁶ 15 ⁵
CONET		
		90°
LED	QUICK FLUX 2x6 LED XT xxx G5	20 50 50 50 50 50 50 50 50 50 50 50 50 50
LED FWHM	Asymmetric	20 20 72
LED FWHM Efficiency	Asymmetric 92 %	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM Efficiency Peak intensity	Asymmetric 92 % 1 cd/lm	50 50 50 50 50 50 50 50 50 50 50 50 50 5
LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 1 cd/lm 1	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM Efficiency Peak intensity	Asymmetric 92 % 1 cd/lm	50 50 50 50 50 50 50 50 50 50 50 50 50 5
LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 1 cd/lm 1 White	50 50 50 50 50 50 50 50 50 50 50 50 50 5
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 1 cd/lm 1 White	50° 50° 50°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 1 cd/lm 1 White	20 20 20 00 00 00 00 00 00 00
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 1 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 1 cd/lm 1 White	20 ⁴ 00 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 92 % 1 cd/lm 1 White ents:	30* 30*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 92 % 1 cd/lm 1 White eents:	30* 30*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 92 % 1 cd/lm 1 White eents: XP-G2	30* 30*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 92 % 1 cd/lm 1 White ents: XP-G2 Asymmetric	30* 30*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 92 % 1 cd/lm 1 White eents: XP-G2	30* 30*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 92 % 1 cd/lm 1 White ents: XP-G2 Asymmetric	30* 30*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 92 % 1 cd/lm 1 White ents: XP-G2 Asymmetric 92 % 1 cd/lm	30* 30*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 92 % 1 cd/lm 1 White ents: XP-G2 Asymmetric 92 % 1 cd/lm 1	30* 30*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 92 % 1 cd/lm 1 White vents: XP-G2 Asymmetric 92 % 1 cd/lm 1 White	30* 30*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 92 % 1 cd/lm 1 White vents: XP-G2 Asymmetric 92 % 1 cd/lm 1 White	30° 30°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 92 % 1 cd/lm 1 White vents: XP-G2 Asymmetric 92 % 1 cd/lm 1 White	30° 30°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 92 % 1 cd/lm 1 White vents: XP-G2 Asymmetric 92 % 1 cd/lm 1 White	30* 30*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 92 % 1 cd/lm 1 White vents: XP-G2 Asymmetric 92 % 1 cd/lm 1 White	30* 30*







🕒 LG Innot	ek	90* 91
LED	H35C1 (LEMWA33)	
FWHM	Asymmetric	73°
Efficiency	92 %	
Peak intensity	0.9 cd/lm	504 504
		460
LEDs/each optic		$ \times / \times \times $
Light colour	White	45° 500 55°
Required compon	ents:	\times
		000
		30° 1000 30° 30° 30°
		90* 90*
LED	LUXEON 5050 Round LES	
FWHM	Asymmetric	200
Efficiency	94 %	50 ⁴ m 50 ⁴
Peak intensity	0.6 cd/lm	
LEDs/each optic		400
Light colour	White	45° 200 45°
Required compon	ents:	000
		100
		30° 30'
		153 39 15*
		13. 0. 72.
		12 ⁻ W 13 ⁻
LED	EDS LUXEON T	90* 90'
LED FWHM Efficiency	LUXEON T Asymmetric 92 %	
LED FWHM Efficiency Peak intensity	LUXEON T Asymmetric 92 % 1 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic	LUXEON T Asymmetric 92 % 1 cd/lm	
LED FWHM Efficiency Peak intensity	LUXEON T Asymmetric 92 % 1 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic	LUXEON T Asymmetric 92 % 1 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON T Asymmetric 92 % 1 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON T Asymmetric 92 % 1 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON T Asymmetric 92 % 1 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 92 % 1 cd/lm 1 White ents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON T Asymmetric 92 % 1 cd/lm 1 White ents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 92 % 1 cd/lm 1 White ents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 92 % 1 cd/lm 1 White ents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 92 % 1 cd/lm 1 White ents: EDS LUXEON V	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 92 % 1 cd/lm 1 White ents: EDS LUXEON V Asymmetric	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 92 % 1 cd/lm 1 White ents: EDS LUXEON V Asymmetric 88 % 0.6 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 92 % 1 cd/lm 1 White ents: EDS LUXEON V Asymmetric 88 % 0.6 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 92 % 1 cd/lm 1 White ents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 92 % 1 cd/lm 1 White ents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 92 % 1 cd/lm 1 White ents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON T Asymmetric 92 % 1 cd/lm 1 White ents:	



CUMILI LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LUXEON V2 Asymmetric 93 % 0.9 cd/lm 1 White ents:	20° 200 20° 20° 200 20°
XICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NVSW219F Asymmetric 93 % 0.8 cd/lm 1 White	
WNICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NVSW319B Asymmetric 93 % 0.7 cd/lm 1 White	
ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	



M NICHIΛ			
		90*	9
LED	NVSxx19B/NVSxx19C		
	Asymmetric	200	2
•	94 %	\times \times / / / \times $^{\circ}$	
•	0.9 cd/lm	400	
LEDs/each optic			
-	White	45* 600	
Required compon	ents:		
		800	
		\times / \land	
		30° 15 ⁵ 000 15°	,
OSRAM Opto Semiconductors			
	OSLON Square CSSRM2/CSSRM3	30.	,
	Asymmetric	75°	,
	94 %		2/
•	1 cd/lm	505 400	1
LEDs/each optic		$ \times / (\top \setminus \times)$	
•	White	45* 600	
Required compon			
		000	
		\times / T \	
		1000	
		30° 15° 0° 15°	?
PHILIP	S	90*	9
	Fortimo FastFlex LED 2x6 DP G4		
	Asymmetric	73.6 200	5
	92 %		
	1 cd/lm	60° 400	
LEDs/each optic	1	\times / / \wedge \rangle	
	' White	5. 600	4
	White	65 60	-
Light colour	White	47. <u>600</u>	-
Light colour	White	40° - 600	
Light colour	White	er 60 00	,
Light colour Required compon	White ents:	45° 600 30° 10° 10° 45° 600	
Light colour Required compon	White ents: NG	er 60 90 90 22 ² 0 ² 13 ² 9 ²	
Light colour Required compon	White ents: NG HiLOM RH12 (LH351C)		
Light colour Required compon	White ents: NG HiLOM RH12 (LH351C) Asymmetric	67 60 30 ¹⁰ 15 ¹⁰ 0 ¹⁰ 15 ¹⁰	, ,
Light colour Required compon SAMSU LED FWHM Efficiency	White ents: NG HiLOM RH12 (LH351C) Asymmetric 94 %	65° 60 90° 90° 90° 90° 90° 90° 90° 90	
Light colour Required compon SAMSU LED FWHM Efficiency Peak intensity	White ents: NG HiLOM RH12 (LH351C) Asymmetric 94 % 0.9 cd/lm	60° 60° 13° 13° 13° 13° 13° 13° 13° 13° 13° 13	
Light colour Required compon SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic	White ents: NG HiLOM RH12 (LH351C) Asymmetric 94 % 0.9 cd/lm 1		
Light colour Required compon SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	White ents: NG HiLOM RH12 (LH351C) Asymmetric 94 % 0.9 cd/lm 1 White	45° 60 00 00 00 00 00 00 00 00 00	
Light colour Required compon SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic	White ents: NG HiLOM RH12 (LH351C) Asymmetric 94 % 0.9 cd/lm 1 White		
Light colour Required compon SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	White ents: NG HiLOM RH12 (LH351C) Asymmetric 94 % 0.9 cd/lm 1 White		
Light colour Required compon SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	White ents: NG HiLOM RH12 (LH351C) Asymmetric 94 % 0.9 cd/lm 1 White		

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SCIO LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	ROY-S26XPL2 (XP-L2) Asymmetric 91 % 0.6 cd/lm 1 White	
SCIO LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	XLE-S22C4XTEHE (XT-E HE) Asymmetric 92 % 1 cd/lm 1 White	
SCIO LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	XLE-S26XHP35 (XHP35 HD) Asymmetric 90 % 0.6 cd/lm 1 White	50° 10° 10° 10° 10° 10° 10° 10° 10° 10° 1
stout semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	



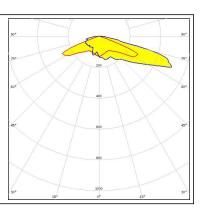
		90* 90*
LED	SMJQ-D36W12Px	
FWHM	Asymmetric	75*
Efficiency	94 %	20
Peak intensity	0.8 cd/lm	504 300 604
LEDs/each optic		
	White	$X \times M \times X$
Light colour		6° 50 6°
Required compor	ents.	600
		700
		30° 10° 30° 30°
SEOUL		
SEOUL SEMICONDUCTOR		90* 90*
LED	Z5M3	
FWHM	Asymmetric	
Efficiency	94 %	50* 300 50*
Peak intensity	0.8 cd/lm	
LEDs/each optic		
Light colour	White	6° 500 6t
Required compor	ents:	00
		740
		15 30 15, 00
LED	Z8Y22	
FWHM	Asymmetric	75%
Efficiency	93 %	200
Peak intensity	0.8 cd/lm	
LEDs/each optic		400
Light colour	White	
Required compor		45* 600
Required compor		\times / / \times
		80
		\times / \setminus \times
		30° 30°
		1030 1030 15* 30
SEQUE		
SEOUL SEMICONDUCTOR		90* 90* 99*
seoul semiconductor	Z8Y22P	90* 100 107 M
seoul semiconductor LED FWHM	Asymmetric	24 ² 2000 12 ³ 90* 90* 90* 90* 90* 90* 90* 90* 90* 90*
seoul semiconductor LED FWHM Efficiency	Asymmetric 94 %	20 20 20 20 20 20 20 20 20 20
seoul semiconductor LED FWHM Efficiency Peak intensity	Asymmetric 94 % 0.8 cd/lm	23 ⁴ 200 23 ⁴ 94 ⁴ 40 90 90 90 90
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.8 cd/lm 1	20° 200 23° 90° 20° 20° 20°
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.8 cd/lm 1 White	20° 200 23° 90° 20° 20° 20°
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.8 cd/lm 1 White	20° 200 23° 90° 20° 20° 20°
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.8 cd/lm 1 White	20° 200 23° 90° 20° 20° 20°
stoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.8 cd/lm 1 White	23 ⁴ 200 23 ⁴ 94 ⁴ 40 90 90 90 90
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.8 cd/lm 1 White	20° 200 23° 90° 20° 20° 20°



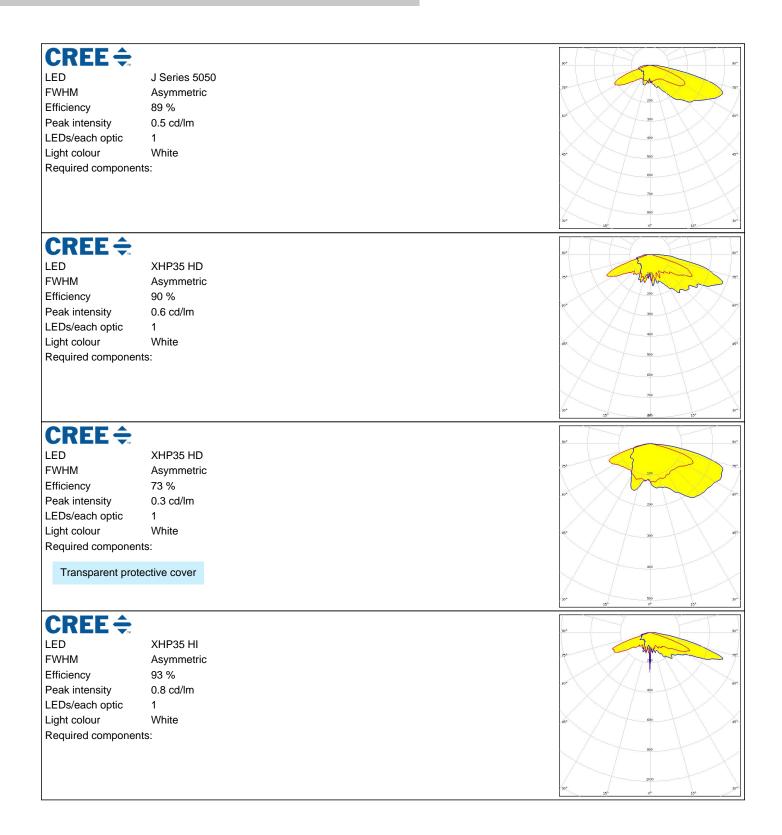
TRIDONIC

LED	RLE
FWHM	Asy
Efficiency	93 9
Peak intensity	1 cc
LEDs/each optic	1
Light colour	Whi
Required compor	ents

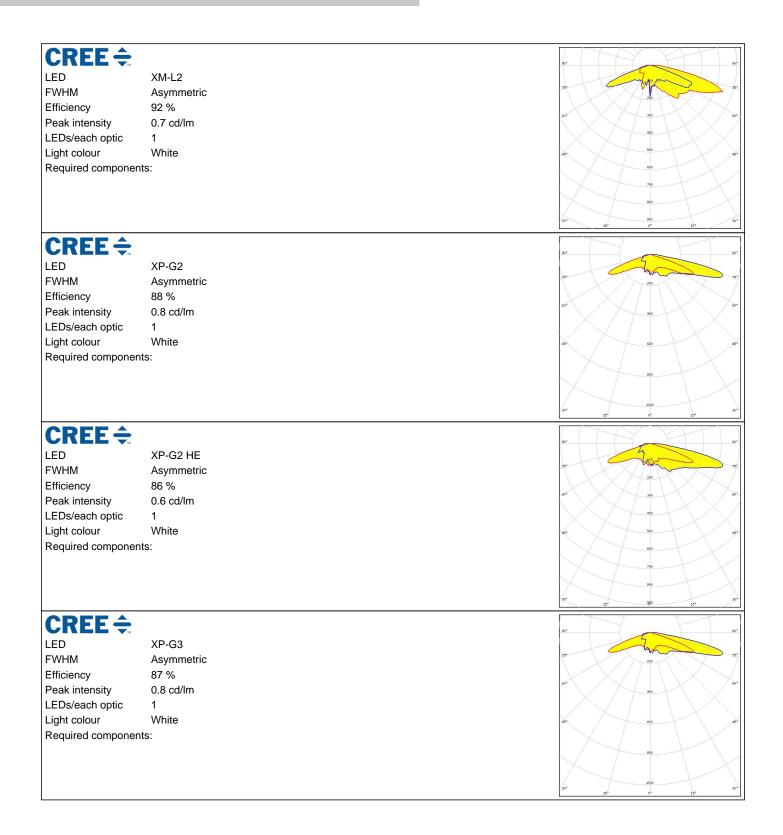
RLE 2x6 3000lm HP EXC2 OTD Asymmetric 93 % 1 cd/lm 1 White ents:











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CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	XP-L HI Asymmetric 93 % 0.9 cd/lm 1 White ts:	
		15° 0° 15° 3°
CONTINUES LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON TX Asymmetric 92 % 0.9 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
		30° 15° 0° 15° 30°
XICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	NCSxx19B Asymmetric 92 % 1 cd/lm 1 White ts:	20 20 20 20 20 20 20 20 20 20
NICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	NV4WB35AM Asymmetric 77 % 0.7 cd/lm 1 White ts:	



Μ ΝΙCΗΙΛ		
LED	NVSW219D	90°
FWHM		35° Children No.
	Asymmetric	
Efficiency	%	auf
Peak intensity	1.7 cd/lm	400
LEDs/each optic	1	200
Light colour	White	6° 6°
Required component	S:	
		700
		30° 13 ⁵ 15 ⁶ 30°
Μ ΝΙCΗΙΛ		90*
LED	NVSxE21A	There
FWHM	Asymmetric	75° 200 75°
Efficiency	88 %	
Peak intensity	1.1 cd/lm	60* 60*
LEDs/each optic	1	500 X
Light colour	White	
Required component		800
		X
		1230
		30° 15° 30°
ØΝΙCΗΙΛ		THY KHT
LED	NVSxE21A	90* 90*
FWHM		75° 200 75°
	Asymmetric	
Efficiency	87 %	50 ¹⁶ 400 694
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	45° - 43°
Required component	S:	X/T/X
		1000
		30* 30*
		1 22 UT 127
Μ ΝΙCΗΙΛ		90* 90*
LED	NVSxx19B/NVSxx19C	Tuni
FWHM	Asymmetric	75° 20 75°
Efficiency	93 %	
Peak intensity	0.8 cd/lm	40 60*
LEDs/each optic	1	
Light colour	White	45° 600 43°
Required component	S:	
•		



OSRAM		
Opto Semiconductors	Duris S8	90* 90*
LED		13e - 13e
FWHM	Asymmetric	
Efficiency	94 %	60* 60*
Peak intensity	0.6 cd/lm	300
LEDs/each optic	1	
Light colour	White	45. 45.
Required componen	ts:	200
		700
		30* 30*
0000444		15 ⁵ 80 15 ⁴
OSRAM Opto Semiconductors		907 907
LED	Duris S8	
FWHM	Asymmetric	75° 780 75°
Efficiency	89 %	200
Peak intensity	0.5 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	400 45*
Required componen		
		000
		700
		30*
		<u>15</u> 0° 15°
OSRAM		<u>112² 0⁰ 12²</u>
OSRAM Opto Semiconductors		22° d' 23°
LED	OSCONIQ P 3737 (3W version)	
LED FWHM	Asymmetric	20 ⁰ 0 ² 25 ⁰ 0 ²
LED FWHM Efficiency	Asymmetric 88 %	20° 0° 25° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90
LED FWHM Efficiency Peak intensity	Asymmetric 88 % 0.6 cd/lm	200
LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 88 % 0.6 cd/lm 1	60 ⁴ 66 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.6 cd/lm 1 White	20 20 20 60 60 60 60 60 60 60 60 60 6
LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 88 % 0.6 cd/lm 1 White	50 ⁴ 300 60 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.6 cd/lm 1 White	60 ⁴ 60 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.6 cd/lm 1 White	60 ⁴ 60 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.6 cd/lm 1 White	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Asymmetric 88 % 0.6 cd/lm 1 White	60 ⁴ 66 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.6 cd/lm 1 White	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Asymmetric 88 % 0.6 cd/lm 1 White ts:	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Asymmetric 88 % 0.6 cd/lm 1 White	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Asymmetric 88 % 0.6 cd/lm 1 White ts: OSLON Square CSSRM2/CSSRM3	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Asymmetric 88 % 0.6 cd/lm 1 White ts: OSLON Square CSSRM2/CSSRM3 Asymmetric	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen Opto Semiconductors LED FWHM Efficiency Peak intensity	Asymmetric 88 % 0.6 cd/lm 1 White ts: OSLON Square CSSRM2/CSSRM3 Asymmetric 88 %	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 88 % 0.6 cd/lm 1 White ts: OSLON Square CSSRM2/CSSRM3 Asymmetric 88 % 0.7 cd/lm 1	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen OSRAM Optic Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.6 cd/lm 1 White ts: OSLON Square CSSRM2/CSSRM3 Asymmetric 88 % 0.7 cd/lm 1 White	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 88 % 0.6 cd/lm 1 White ts: OSLON Square CSSRM2/CSSRM3 Asymmetric 88 % 0.7 cd/lm 1 White	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen OSRAM Optic Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.6 cd/lm 1 White ts: OSLON Square CSSRM2/CSSRM3 Asymmetric 88 % 0.7 cd/lm 1 White	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen Optic Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.6 cd/lm 1 White ts: OSLON Square CSSRM2/CSSRM3 Asymmetric 88 % 0.7 cd/lm 1 White	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°



OSRAM Opto Semiconductors		90 ⁺
LED	OSLON Square CSSRM2/CSSRM3	A A A A A A A A A A A A A A A A A A A
FWHM	Asymmetric	750
Efficiency	94 %	
Peak intensity	0.9 cd/lm	\$0 ⁴ 60 6
LEDs/each optic	1	
Light colour	White	
Required componen		000
i toqui ou oomponon		
		1000
		1220
		30* 13 ⁵ 0* 10* 3
OSRAM Opto Semiconductors		90°
LED	OSLON Square PC	- AWN
FWHM	Asymmetric	725
Efficiency	93 %	40
Peak intensity	0.9 cd/lm	.60 ⁴
LEDs/each optic	1	eio (
Light colour	White	45* 000 4
Required componen	ts:	
		1000
		1220
PHILIPS		90*
LED	Fortimo FastFlex LED 2x6 DPX G4	There
FWHM	Asymmetric	.25
Efficiency	81 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	451 560 48
Required componen	ts:	elo
		700
		30* 900 30
21/10/201		90*9
		400
Light colour		45* 000 4
	its:	
Required componen		
		1099
SAMSUR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LH181B Asymmetric 89 % 0.9 cd/lm 1 White	



SAMSU	NG	THY FAI
LED		90*
	LH231B	73° 200 73°
FWHM	Asymmetric	
Efficiency	89 %	50% 400 50%
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	600
Light colour	White	45* 45*
Required component	ts:	800
		30* 15 ³ 1880 15* 30*
0.0.0.0.0.0.0	10	15 ² ¹ 6 ⁴⁰ 15 ⁴
SAMSU	NG	90* 90*
LED	LH351B	- Harris
FWHM	Asymmetric	73° 200 75°
Efficiency	88 %	X///X
Peak intensity	0.7 cd/lm	.60* 60*
LEDs/each optic	1	
Light colour	White	45* 600 95*
Required component	ts:	
		800
		\times / \times /
		1000
		30 13 ⁵ 0° 15°
SAMSU	NG	90* 90*
LED		
	LH351D	3.
	LH351D Asymmetric	750 Buller 70
FWHM	Asymmetric	34
FWHM Efficiency	Asymmetric 86 %	
FWHM Efficiency Peak intensity	Asymmetric 86 % 0.5 cd/lm	8 ³
FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 86 % 0.5 cd/lm 1	20 60 ⁵ 60 ⁵ 60 ⁵ 60 ⁶ 60
FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 0.5 cd/lm 1 White	62 64 70 70 70 70 70 70 70 70 70 70 70 70 70
FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 86 % 0.5 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 0.5 cd/lm 1 White	20 20 20 20 60 60 60 60 60
FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 0.5 cd/lm 1 White	25
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Asymmetric 86 % 0.5 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Asymmetric 86 % 0.5 cd/lm 1 White	20 61 ⁴ 50 61 ⁴ 50 60 60 70 70 70 70 70 70 70 70 70 7
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Asymmetric 86 % 0.5 cd/lm 1 White ts:	20 61 ⁵ 61 ⁵ 20 60 60 70 70 70 70 70 70 70 70 70 7
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Asymmetric 86 % 0.5 cd/lm 1 White ts: Z5M1/Z5M2	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen seour semiconouctor LED FWHM	Asymmetric 86 % 0.5 cd/lm 1 White ts: Z5M1/Z5M2 Asymmetric	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen stout stanconductor LED FWHM Efficiency	Asymmetric 86 % 0.5 cd/lm 1 White ts: Z5M1/Z5M2 Asymmetric 85 %	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen seoul senconductor LED FWHM Efficiency Peak intensity	Asymmetric 86 % 0.5 cd/lm 1 White ts: Z5M1/Z5M2 Asymmetric 85 % 1.1 cd/lm	25 ² 00 25 ²
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen secure semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 86 % 0.5 cd/lm 1 White ts: Z5M1/Z5M2 Asymmetric 85 % 1.1 cd/lm 1	25 ³ 00 25 ⁴
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen storu senconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 0.5 cd/lm 1 White ts: Z5M1/Z5M2 Asymmetric 85 % 1.1 cd/lm 1 White	25 ³ 00 25 ⁴
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen secure semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 86 % 0.5 cd/lm 1 White ts: Z5M1/Z5M2 Asymmetric 85 % 1.1 cd/lm 1 White	25 ³ 00 25 ⁴
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen storu senconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 0.5 cd/lm 1 White ts: Z5M1/Z5M2 Asymmetric 85 % 1.1 cd/lm 1 White	25 ³ 00 25 ⁴
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen storu senconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 0.5 cd/lm 1 White ts: Z5M1/Z5M2 Asymmetric 85 % 1.1 cd/lm 1 White	25 ² 00 25 ²



SEOUL SEMICONDUCTOR		9°
LED	Z8Y22T	
FWHM	Asymmetric	200 78°
Efficiency	88 %	
Peak intensity	0.8 cd/lm	.60 ⁴ 60 ⁴
LEDs/each optic	1	
Light colour	White	et 600 et
Required componer	ts:	
		1000
		(30* 30* 30* 30*



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

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations Salo, Finland Hong Kong, China

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