

STRADA-IP-2X6-DWC-90

Universal road lighting (typically IESNA Type III medium) beam with excellent mixed illuminance and luminance uniformity. Variant with beam direction rotated 90°.

TECHNICAL SPECIFICATIONS:

Dimensions	71.4 x 173.0 mm
Height	9 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈

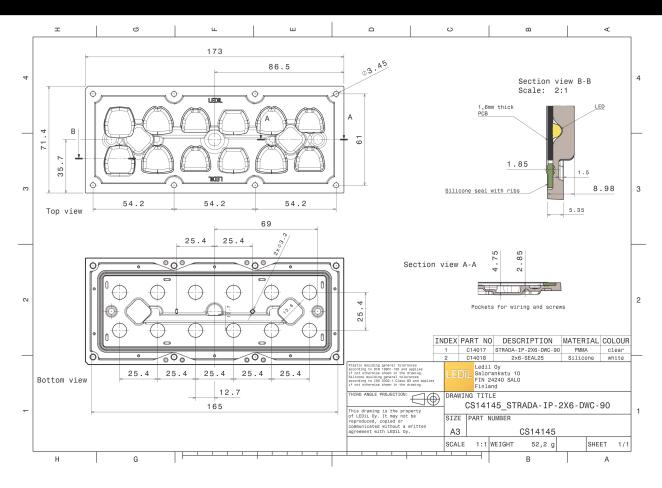


MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
STRADA-IP-2X6-DWC-90	Multi-lens	PMMA	clear	
2X6-SEAL25	Seal	Silicone	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS14145_STRADA-IP-2X6-DWC-90	Multi-lens	120	40	40	7.3
» Box size: 476 x 273 x 247 mm					



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See also our general installation guide: <u>www.ledil.com/installation_guide</u>



		91* 91*
LED	- XP-G2	
FWHM / FWTM	Asymmetric	75°
Efficiency	93 %	
Peak intensity	0.5 cd/lm	60° 60°.
LEDs/each optic	1	
Light colour	White	5° 5°
Required componer		60
		800
		30° <u>1000</u> 30° 30°
LED	XT-E	90°
FWHM / FWTM	Asymmetric	75° 75°
Efficiency	94 %	300
Peak intensity	0.5 cd/lm	64° 64
LEDs/each optic	1	400
Light colour	White	5° 5°
Required componer		60
		\times
		800
		\times / \times
		30° 15° 30°
	EDS	130° 139
		99° 10° 10° 90°
LED	LUXEON Rebel ES	25° 25° 25°
LED FWHM / FWTM	LUXEON Rebel ES Asymmetric	200 200 200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency	LUXEON Rebel ES Asymmetric 93 %	25 <u>15 15 15 15 15 15 15 15 15 15 15 15 15 1</u>
LED FWHM / FWTM Efficiency Peak intensity	LUXEON Rebel ES Asymmetric	25 <u>15</u> <u>15</u> <u>15</u> <u>5</u> <u>5</u>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/m	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/lm 1 White	1 25° 25° 25° 25° 25°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/lm 1 White	200 200 200 200 0° 0° 0° 0° 0° 0° 0° 0°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/lm 1 White	00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/lm 1 White ts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/lm 1 White ts:	00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/lm 1 White hts:	00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/lm 1 White hts:	32 90 90 90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Mequired component LED FWHM / FWTM	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/lm 1 White hts:	00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Mequired component Equired component Component Required component Equired component Required component Equired component Component Required component Equired component Componen	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/lm 1 White hts: EDS LUXEON T Asymmetric	32 90 90 90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Mequired component LED FWHM / FWTM	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/lm 1 White hts: EDS LUXEON T Asymmetric 94 %	33 90 90 90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Equired component Equired component Required component Equired component Required component Equired component Required component Equired	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/lm 1 White hts: EDS LUXEON T Asymmetric 94 % 0.5 cd/lm	32 90 90 90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Mequired component Equired component Component Required component Efficiency Peak intensity	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/lm 1 White hts:	00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Methods and the second second Every Component Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/lm 1 White hts:	00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Methods and the second Equired component Equired component Component Required component Equired compon	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Methods and the second second Every Component Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel ES Asymmetric 93 % 0.5 cd/lm 1 White hts:	00 00 00 00 00 00 00 00 00 00



🤭 LUMIL	EDS	90* 90*
LED	LUXEON TX	
FWHM / FWTM	Asymmetric	25° 75° 75°
Efficiency	94 %	
Peak intensity	0.6 cd/lm	.50°
LEDs/each optic	1	X/TXX
Light colour	White	e
Required compone	nts:	
		800
		\times / T / \times
		1000 300
<i>~</i>		
Ø NICHI∕		90° 90°
LED	NVSW3x9A	100
FWHM / FWTM	Asymmetric	75°
Efficiency	94 %	
Peak intensity	0.5 cd/lm	60° 60°
LEDs/each optic	1	400
Light colour	White	45° 500 65°
Required compone	nts:	
		700
1		/30° 30° 30°
		30° 35° 35° 35°
		90* 90* 90*
LED	NVSxx19B/NVSxx19C	50° 25° 50° 50° 25° 50° 50° 25° 50° 25° 50° 25° 50° 25° 50° 25° 50° 25° 50° 25
LED FWHM / FWTM	NVSxx19B/NVSxx19C Asymmetric	30* 30* 30* 90* 90* 90* 90* 90* 90*
LED FWHM / FWTM Efficiency	NVSxx19B/NVSxx19C Asymmetric 94 %	20° 20° 20° 20° 20°
LED FWHM / FWTM Efficiency Peak intensity	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm	30" 20" 30" 30"
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1	30° 20° 20° 30° 30° 20° 20° 30° 30° 40° 40°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1 White	50° 10° 50° 50° 50° 50° 50° 50° 50° 50° 50° 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1 White	50° 10° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1 White	50° 50 50° 50° 50° 50° 50° 50° 50° 50° 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1 White	20 ⁴ 20 ⁵ 20 ⁴ 20 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1 White	30 ⁴ 10 ⁵ 20 ⁴ 30 ⁴ 90 ⁴ 00 60 ⁴ 60 ⁵ 60 ⁴ 60 ⁵ 60 ⁵ 60 ⁵ 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSxx19B/NVSxx19C	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSxx19B/NVSxx19C Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSxx19B/NVSxx19C Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSxx19B/NVSxx19C Asymmetric 94 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSxx19B/NVSxx19C Asymmetric 94 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSxx19B/NVSxx19C Asymmetric 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSxx19B/NVSxx19C Asymmetric 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSxx19B/NVSxx19C Asymmetric 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 94 % 0.6 cd/lm 1 White nts: NVSxx19B/NVSxx19C Asymmetric 94 % 0.5 cd/lm 1 White	



OSRAM Opto Semiconductors		
LED	Duris S8	90* 90*
FWHM / FWTM	Asymmetric	75* 100 - 76*
Efficiency	94 %	
-	94 % 0.5 cd/lm	604 200 604
Peak intensity		
LEDs/each optic	1	
Light colour	White	457 400 454
Required compone	nts:	
		600
		30° 192 0° 199 30°
OSRAM		
Opto Semiconductors	OSLON Square EC	90* 90*
FWHM / FWTM	Asymmetric	750 750
Efficiency	94 %	
Peak intensity	94 % 0.6 cd/lm	50* 60*
	1	40
LEDs/each optic Light colour	White	
Required compone		-85* 660 45*
Required compone		
		800
		30° 1000 30° 30°
OSRAM Opto Semiconductors		
LED	OSLON Square PC	90*
FWHM / FWTM	Asymmetric	750 780
Efficiency	94 %	
Peak intensity	0.6 cd/lm	50* 50*
LEDs/each optic	1	X/M X
Light colour	White	
Required compone		
		200
		\times
		1000
		130° 135 0° 15° 30°
SAMSI	ING	
		90* 90*
	LH351Z	75*
FWHM / FWTM	Asymmetric	
Efficiency	94 %	er X Y er
Peak intensity	0.6 cd/lm	40
LEDs/each optic	1	
Light colour	White	45" 660 451
Required compone	ents:	
		00
		30° 30°
		15° 0° 15°



SEOUL		
SEOUL SEMICONDUCTOR	SMJQ-D36W12Mx	90* 90*
FWHM / FWTM		75* 75*
Efficiency	Asymmetric 93 %	
		60" 60"
Peak intensity	0.6 cd/lm	400
LEDs/each optic	1	
Light colour	White	45°
Required componen	its:	
		800
		30* 10 00 10* 30*
SEOUL		
	76.10	
	Z5M3	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required componen	ts:	
SEOUL SEMICONDUCTOR	Z8Y22	39°
SEOUL SEMICONDUCTOR	Z8Y22 Asymmetric	23
seoul semiconductor		50°
seoul semiconductor LED FWHM / FWTM	Asymmetric	90 ⁴ 75 ³ 60 ⁴ 60
seoul semiconductor LED FWHM / FWTM Efficiency	Asymmetric 92 %	25- 25- 04- 04- 04- 04- 04- 04- 04- 04- 04- 04
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 92 % 0.6 cd/lm	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 0.6 cd/lm 1 White 92	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1 White 92	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1 White 92	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1 White 92	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Asymmetric 92 % 0.6 cd/lm 1 White 92	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	Asymmetric 92 % 0.6 cd/lm 1 White 92	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component SEOUL SEMICONDUCTOR	Asymmetric 92 % 0.6 cd/lm 1 White 92	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component SEOUL SEMICONDUCTOR LED	Asymmetric 92 % 0.6 cd/lm 1 White tts: Z8Y22P	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component SEOUL SEMICONDUCTOR LED FWHM / FWTM	Asymmetric 92 % 0.6 cd/lm 1 White tts: Z8Y22P Asymmetric	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency	Asymmetric 92 % 0.6 cd/lm 1 White tts: Z8Y22P Asymmetric 94 %	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 92 % 0.6 cd/lm 1 White tts: Z8Y22P Asymmetric 94 % 0.5 cd/lm	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 0.6 cd/lm 1 White tts: Z8Y22P Asymmetric 94 % 0.5 cd/lm 1	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1 White tts: Z8Y22P Asymmetric 94 % 0.5 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 0.6 cd/lm 1 White tts: Z8Y22P Asymmetric 94 % 0.5 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1 White tts: Z8Y22P Asymmetric 94 % 0.5 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1 White tts: Z8Y22P Asymmetric 94 % 0.5 cd/lm 1 White	



TOSHIBA Leading Innovation >>>		30*
LED	TL1L4	
FWHM / FWTM	Asymmetric	77 20 72
Efficiency	91 %	
Peak intensity	0.5 cd/lm	50 ⁴ 60 ⁴
LEDs/each optic	1	\times / \wedge \times
Light colour	White	6° 61
Required compone	ents:	60
		90
		\times / \times
		30° 15 ⁵ 1800 15°



PHOTOMETRIC DATA (SIMULATED):

		90* 90*
LED	XP-G2 HE	
FWHM / FWTM	Asymmetric	750 750
Efficiency	92 %	
Peak intensity	0.4 cd/lm	50° 50°
LEDs/each optic	1	
Light colour	u White	$\times \times / \wedge \times \times$
Required components:	White	400 45*
Required components.		
		00
		30* <u>15</u> ⁵ 200 15* 30*
		90*
LED	XP-G3	
FWHM / FWTM	Asymmetric	100
Efficiency	88 %	
Peak intensity	0.4 cd/im	60°
LEDs/each optic	1	
Light colour	White	400 451
Required components:		
		600
		710
		30* 30*
		15 ⁵ 8 ⁶ ₀ 15 ⁵
)S	
		20° <u>Ho</u> 10° N
LED	LUXEON 5050 Round LES	
LED FWHM / FWTM	LUXEON 5050 Round LES Asymmetric	10 ² A ₀ 10 ²
LED FWHM / FWTM Efficiency	LUXEON 5050 Round LES Asymmetric 91 %	10 ² A ₀ 10 ²
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm	12 ⁹ 4 ⁶ / ₂ 12 ⁹
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm 1	10 ² A ₀ 10 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm	13° 42 13° 90° 90° 100 100 100 100 100 100 100 100 100 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm 1	13° 42 13° 90° 90° 100 100 100 100 100 100 100 100 100 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm 1	13° 42 13° 90° 90° 100 100 100 100 100 100 100 100 100 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm 1	10° 4% 13° 73° 66° 75° 66° 66°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm 1	10° 4% 13° 73° 66° 75° 66° 66°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm 1 White S LUXEON V2 Asymmetric 93 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm 1 White S LUXEON V2 Asymmetric 93 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WIM / COMPARENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm 1 White S LUXEON V2 Asymmetric 93 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm 1 White S LUXEON V2 Asymmetric 93 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WIM / COMPARENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm 1 White S LUXEON V2 Asymmetric 93 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm 1 White S LUXEON V2 Asymmetric 93 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES Asymmetric 91 % 0.4 cd/lm 1 White S LUXEON V2 Asymmetric 93 % 0.4 cd/lm 1	



PHOTOMETRIC DATA (SIMULATED):

IED NV4WB35AM FWHM / FWTM Asymmetric	
LED NV4WB35AM FWHM / FWTM Asymmetric	+ 11
FWHM / FWTM Asymmetric 200	90*
	100
Efficiency 94 %	604
Peak intensity 0.4 cd/lm	$< \times$ \land
LEDs/each optic 1	$\times \times$
Light colour White	45*
Required components:	
00	\sim
33*	30*
10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	15*
OSRAM	90*
LED PrevaLED Brick HP IP 2x6	
FWHM / FWTM Asymmetric	780
Efficiency 93 %	\sim
Peak intensity 0.5 cd/lm	
LEDs/each optic 1	$\langle \ \setminus \ \rangle$
Light colour White	45+
Required components:	
Required components.	
	X
80	
30* az	30°
OSRAM	+
Opto Semiconductors	90*
LED OSCONIQ P 3737 (3W version)	
FWHM / FWTM Asymmetric	
Efficiency 93 %	
Peak intensity 0.4 cd/lm	$\langle X \rangle$
LEDs/each optic 1	$\times \times$
Light colour White	65*
Required components:	
60	\sim
	30*
20	15*
200 AM	
Dosram Opti Semiconductors	90*
Opto Semiconductors	90*
Opto Semiconductors Attraction LED OSLON Square CSSRM2/CSSRM3	90* 78*
Opto Semiconductors Asymmetric	90*
Opto Semiconductors LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM Asymmetric Efficiency 93 %	9° 77 691
Opto Semiconductors LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.5 cd/lm	99* 782 694
Opto Semiconductors Description LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1	99*
Opto Semiconductors DSLON Square CSSRM2/CSSRM3 FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White	99° 75° 69°
Opto Semiconductors Description LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1	92° 75° 66°
Opto Semiconductors DSLON Square CSSRM2/CSSRM3 FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White	69°.
Opto Semiconductors LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White	997 197 694



PHOTOMETRIC DATA (SIMULATED):

S ΛMSU	NG	90 ¹
LED	LH351B	
FWHM / FWTM	Asymmetric	750 700
Efficiency	93 %	200
Peak intensity	0.4 cd/lm	50"
LEDs/each optic	1	30
Light colour	White	45° 40 4°
Required components	:	
		20
		00
		30* 70 30*
		30 ⁴ 700 30 ⁴ 25 ² 0 ³ 15 ⁴
		804 807
LED	Z5M1/Z5M2	
FWHM / FWTM	Asymmetric	726 700
Efficiency	90 %	
Peak intensity	0.6 cd/lm	60 ^x 60
LEDs/each optic	1	
Light colour	White	63. 500 65
Required components	:	
		30
		304 300
TOSHIBA Leading Innovation >>>		90*
LED	TL1L2	
FWHM / FWTM	Asymmetric	
Efficiency	88 %	- And Marine
Peak intensity	0.5 cd/lm	50 ¹ 0 6 ¹⁴
LEDs/each optic	1	
Light colour	White	45° 560 67
Required components	:	300
		00
		× ***



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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