

PRODUCT DATASHEET CS16401_STRADA-IP-2X6-PX

STRADA-IP-2X6-PX

Double asymmetric beam designed to highlight pedestrian crossings for right side traffic

SPECIFICATION:

Dimensions	173.0 x 71.4 mm
Height	9.6 mm
Fastening	pin, screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈



MATERIALS:

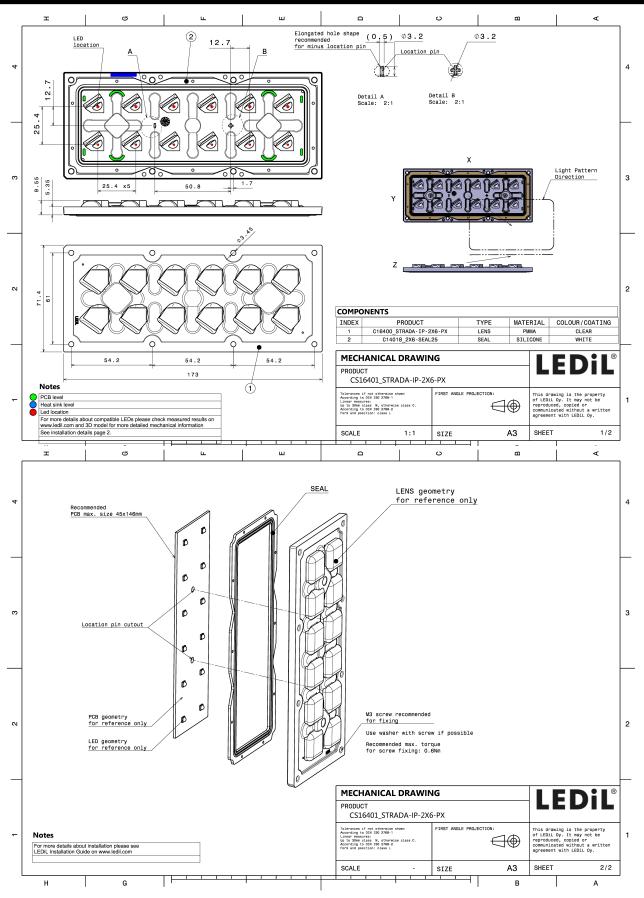
Component	Туре	Material	Colour	Finish
STRADA-IP-2X6-PX	Multi-lens	PMMA	clear	
2X6-SEAL25	Seal	Silicone	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS16401_STRADA-IP-2X6-PX	Multi-lens	120	40	40	7.7
» Box size: 476 x 273 x 247 mm					



PRODUCT DATASHEET CS16401_STRADA-IP-2X6-PX



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



r		
		THY YATT
		90* 90*
LED	QUICK FLUX 2x6 LED XG xxx G7+	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	400
Peak intensity	1 cd/lm	60 ⁴
LEDs/each optic	1	
	White	
Light colour		6°
Required compone	nts:	1000
		1230
		1490
		30 ⁴ 15 ⁵ 0 ⁶ 15 ⁴ 30 ⁴
		THY VHI
		90* 90*
LED	QUICK FLUX 2x6 LED XT xxx G5	200
FWHM / FWTM	Asymmetric	
Efficiency	94 %	460
Peak intensity	1.1 cd/lm	60* 600 60*
LEDs/each optic	1	
Light colour	White	51
Required compone		
	113.	1230
		1400
		30* 1650 90* 18 ⁵ 0 ⁶ 18* 30*
00000		
		90* 90*
LED	XP-G2	
FWHM / FWTM	Asymmetric	750 750
Efficiency	94 %	400
		60* 60*
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	
Light colour	White	45*
Required compone	nts:	1200
		X X
		1600
		10° 10° 30° 30°
CREE ≑		THAT AND
LEDS		90* 90*
LED	XP-G3	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	400
Peak intensity	1 cd/lm	500 DD
LEDs/each optic	1	
Light colour	White	45* 800 63*
Required compone		NNIN
		1000
		1200
1		30* <u>1400</u> 15* 0° 15* 30*
		15 ⁵ 0 ⁶ 15 ⁺



		9**
LED	XP-L2	
FWHM / FWTM	Asymmetric	75° 000 77°.
Efficiency	94 %	
Peak intensity	0.8 cd/lm	60* 400 60*
LEDs/each optic	1 White	60
Light colour Required componer		45°
Required componer	IIS.	X X
		1000
		30° 1200 30° 15° 0° 15° 36°.
CREE ÷		THAY YHT
LED	XT-E HE	90° 90°
FWHM / FWTM		730 700 700
	Asymmetric 94 %	400
Efficiency Peak intensity	94 % 1.1 cd/lm	504 500 504
	1	
LEDs/each optic Light colour	White	
Required componer		65° 65 ⁺
	115.	1270
		1400
		30* 1600 30*
1		15 ⁵ 0° 15°
	EDS	90° 12° 90° 12°
		90° 12° 0°
LED	LUXEON 5050 Round LES	<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 / FWTM		<u>15'</u> 0' <u>15'</u> <u>9'</u> <u>75'</u> 00 <u>5'</u> 5'
LED FWHM / FWTM Efficiency	LUXEON 5050 Round LES Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Round LES Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/m	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component MICHIA LED FWHM / FWTM	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/lm 1 White hts: NVSW219F Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM / FWTM Efficiency	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/lm 1 White hts: NVSW219F Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/lm 1 White hts: NVSW219F Asymmetric 94 % 1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component EQUIPTION LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/lm 1 White hts: NVSW219F Asymmetric 94 % 1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/lm 1 White hts: NVSW219F Asymmetric 94 % 1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component EQUIPTION LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/lm 1 White hts: NVSW219F Asymmetric 94 % 1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/lm 1 White hts: NVSW219F Asymmetric 94 % 1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 94 % 0.9 cd/lm 1 White hts: NVSW219F Asymmetric 94 % 1 cd/lm 1 White	



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MNICHI		90° 90
LED	NVSW319B	
FWHM / FWTM	Asymmetric	75
Efficiency	%	40
Peak intensity	1 cd/im	.50 ⁴ 604
LEDs/each optic	1	60
Light colour	White	
Required compone		
		1200
		1400
		30° 15 ⁵ 0° 15° 30°
ØNICHI		
LED	- NVSW519A	90* 90*
		730 730
FWHM / FWTM	Asymmetric	
Efficiency	95 %	60° 400 60*
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	-65° - 800 - 65°
Required compone	nts:	
		1230
		30° 15 ² 0° 15 ² 30°
OSRAM		THAT HE
Opto Semiconductors	Duris S8	90* 90*
EED FWHM / FWTM		75 00 700
Efficiency	Asymmetric 94 %	
Peak intensity	94 /0 0.9 cd/lm	504 400 604
LEDs/each optic	1	600
Light colour	u White	
Required compone		45* 800 45*
Required compone	115.	
		1000
		1200
		30 ⁴ 15 ⁵ 0 ⁶ 15 ⁴ 30 ⁴
OSRAM		
Opto Semiconductors		90* 90*
	OSLON Square CSSRM2/CSSRM3	750 750
FWHM / FWTM	Asymmetric 94 %	400
Efficiency		50%
Peak intensity	1.2 cd/lm	
LEDs/each optic	1 White	\times / / \times
Light colour	White	d5' d'
Required compone	nis.	1200
		\times / \times
		1690
		30° 15° 30°



SAMSU	ING	
LED	HiLOM RH12 (LH351C)	
FWHM / FWTM	Asymmetric	75° 200 77°
Efficiency	97 %	400
Peak intensity	1 cd/lm	50° 50°
		640
LEDs/each optic	1	800
Light colour	White	- 45°
Required componer	IIS:	
		1220
		1400
		30* 17 ³
сласі		
SVWS	ING	90* 90*
LED	HiLOM RM12 ZP (LH502C)	
FWHM / FWTM	Asymmetric	13.6
Efficiency	96 %	400
Peak intensity	0.9 cd/lm	60°
LEDs/each optic	1	X Vee
Light colour	White	45°
Required componer	nts:	
		3000
		1200
		^{30*} 15 ⁵ 0 ⁶ 15 [*] 30 ⁺
SCIO	IUX	
SCIO		90°
LED	ROY-S26XPL2 (XP-L2)	25
LED FWHM / FWTM	ROY-S26XPL2 (XP-L2) Asymmetric	23
LED FWHM / FWTM Efficiency	ROY-S26XPL2 (XP-L2) Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/m	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/m 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer SCIO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/m 1 White hts:	01 ⁴ 000 000
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Sequired component Efficiency Peak intensity LEDs/each optic Light colour	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/m 1 White hts:	60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Sequired component Efficiency Peak intensity LEDs/each optic Light colour	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/m 1 White hts:	01 ⁴ 000 001
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/m 1 White hts:	60 60 60 67 J02 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component SCIO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/m 1 White hts:	60 ⁴ 60 67 ⁴ 1000 1120



SCIO	LUX	
LED	XLE-S26XHP35 (XHP35 HD)	99-
FWHM / FWTM	Asymmetric	73° 00 73°
Efficiency	94 %	
Peak intensity	0.8 cd/lm	50 ⁴ 400 604
LEDs/each optic	1	
Light colour	White	600
Required compone		40. 000 00
Required compone	110.	
		1000
		1200
		30* 15 ⁵ 0 ⁶ 15* 30 ⁶
SEOUL		THY YHT
SEOUL SEMICONDUCTOR		90* 90*
LED	SMJQ-D36W12Mx	
FWHM / FWTM	Asymmetric	400
Efficiency	94 %	50° (100 (100 (100 (100 (100 (100 (100 (1
Peak intensity	1.1 cd/lm	00
LEDs/each optic	1	200
Light colour	White	45
Required compone	nts:	
		1220
		1450
		30° 15 ⁵ 1690 15° 30°
SEOUL		
SEOUL SEMICONDUCTOR		90* 90*
LED	Z5M3	770 000 750
FWHM / FWTM	Asymmetric	
Efficiency	96 %	60° 60°
Peak intensity	1 cd/lm	
LEDs/each optic	1 White	
Light colour Required compone		45* 65*
Required compone	113.	1000
		1200
		30* 15 ⁵ 0 ⁵ 15* 30*
TRIDON		
		90* 90*
	RLE 2x6 3000Im HP EXC2 OTD	756 700
FWHM / FWTM	Asymmetric	400
Efficiency	94 %	604 604
Peak intensity	1.2 cd/lm	\land
		800
LEDs/each optic	1	
Light colour	White	50 00 50
	White	67 1029
Light colour	White	.67
Light colour	White	-67 1029 169
Light colour	White	



OPTICAL RESULTS (SIMULATED):

CREE ≑		
LEDS	V(UD05 UD	90° 90°
	XHP35 HD	75° 75°
FWHM / FWTM	Asymmetric	
Efficiency	94 %	60* 601
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	60
Light colour	White	45*
Required components:		
		1000
		30° <u>35</u> ° <u>9</u> ° <u>15</u> ° <u>30°</u>
LED	XP-G2 HE	90* 90*
FWHM / FWTM		730 792
Efficiency	Asymmetric 93 %	
		50* 50*
Peak intensity	0.9 cd/lm	
LEDs/each optic	1 White	
Light colour	White	-6° 000 65*
Required components:		1000
		1200
		30* 1430 30*
		15° 0° 15°
CREE ÷		129 09 139-
	YT E	50 ³ 0 ⁴ 13 ³
LED	XT-E Asymptetic	132 153 04 155 04 157 157 157 157 157 157 157 157
LED FWHM / FWTM	Asymmetric	25 ³ 0 ⁴ 25 ³
LED FWHM / FWTM Efficiency	Asymmetric 90 %	30
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 90 % 0.8 cd/lm	30
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.8 cd/lm 1 White S LUXEON 5050 Square LES	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.8 cd/lm 1 White S LUXEON 5050 Square LES Asymmetric 95 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.8 cd/lm 1 White S LUXEON 5050 Square LES Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CONTINUES LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.8 cd/lm 1 White UXEON 5050 Square LES Asymmetric 95 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.8 cd/lm 1 White S LUXEON 5050 Square LES Asymmetric 95 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CONTINUES LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.8 cd/lm 1 White UXEON 5050 Square LES Asymmetric 95 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.8 cd/lm 1 White UXEON 5050 Square LES Asymmetric 95 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.8 cd/lm 1 White UXEON 5050 Square LES Asymmetric 95 % 0.8 cd/lm 1	



OPTICAL RESULTS (SIMULATED):

FWHM / FWTM Efficiency Peak intensity	NV4WB35AM Asymmetric 94 %	99 ⁺ 90 ⁺
	0.9 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	PrevaLED Brick HP IP 2x6 Asymmetric 94 % 1 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	C LH351B Asymmetric 95 % 1 cd/lm 1 White	199 199 199 199 199 199 199 199 199 199
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SEOUL DC 5050 6V Asymmetric 95 % 0.8 cd/lm 1 White	5° 109 10° 10° 10° 10° 10° 10° 10° 10° 10° 10° 10° 10°



OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR		90*
LED	Z5M4	70
FWHM / FWTM	Asymmetric	400
Efficiency	95 %	60*
Peak intensity	1.1 cd/lm	eio
LEDs/each optic	1	
Light colour	White	45* 45
Required components:		
		1200
		1430
		30* 10 ⁵ 1600 10* 30*
SEQUE		103 1690 19*
SEOUL SEMICONDUCTOR		90* 90*
LED	Z8Y19	
FWHM / FWTM	Asymmetric	73%
Efficiency	92 %	
Peak intensity	0.8 cd/lm	60° 400 60°
LEDs/each optic	4	
Light colour	White	65° 600
Required components:		800
		X/T/X
		1000
		30*
		15 [°] 15 [°] 15 [°]
SEOUL		90°
LED	Z8Y22	
FWHM / FWTM	Asymmetric	75%
Efficiency	93 %	
Peak intensity	0.8 cd/lm	50%
LEDs/each optic	4	
Light colour	White	45* 45
Required components:		60
		200
		30* 1000 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.

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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