

PRODUCT DATASHEET CS15871_STRADA-IP-2X6-T3-L

STRADA-IP-2X6-T3-L

IESNA Type III (medium) beam for long pole distances and up to 8x mounting height. Suitable for European P-class and pathway lighting

TECHNICAL SPECIFICATIONS:

Dimensions	173.0 x 71.4 mm
Height	13 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈



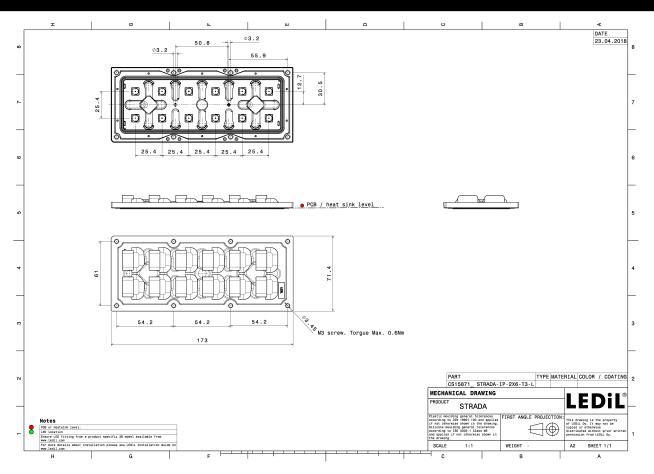
MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
STRADA-IP-2X6-T3-L	Multi-lens	PMMA	clear	
2X6-SEAL25	Seal	Silicone	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS15871_STRADA-IP-2X6-T3-L	Multi-lens	120	40	40	9.0
» 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>



	QUICK FLUX 2x6 LED XG xxx G7+	90° 90°
FWHM / FWTM	Asymmetric	75* 20 75*
	92 %	
Efficiency		60° 400 60°
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	600
Light colour	White	45° 65%
Required compone	nts:	X/T/X
		2000
		30* 30*
		15 ² 0 ⁶ 15 ²
		90* 90*
LED	QUICK FLUX 2x6 LED XT xxx G5	
FWHM / FWTM	Asymmetric	75* 75*
Efficiency	93 %	
Peak intensity	1.1 cd/lm	60° 600 60°
LEDs/each optic	1	
Light colour	White	65 X 65
Required compone	nts:	1000
		1230
		1400
		30° 155 0° 15° 30°
LED	XP-G3	
FWHM / FWTM	Asymmetric	78: 78:
	94 %	
Efficiency	94 % 0.9 cd/lm	60 ⁴ 600 60 ⁴
Efficiency Peak intensity	0.9 cd/lm	60 ⁴ 600 60 ⁴
Efficiency Peak intensity LEDs/each optic	0.9 cd/lm 1	60 60 60 60 60 C
Efficiency Peak intensity LEDs/each optic Light colour	0.9 cd/lm 1 White	60° 60° 60° 60° 60°
Efficiency Peak intensity LEDs/each optic	0.9 cd/lm 1 White	60° 60° 60°
Efficiency Peak intensity LEDs/each optic Light colour	0.9 cd/lm 1 White	60 ⁴ 40 64
Efficiency Peak intensity LEDs/each optic Light colour	0.9 cd/lm 1 White	60 ⁴ 69 64
Efficiency Peak intensity LEDs/each optic Light colour	0.9 cd/lm 1 White	20° 13° 0° 13° 20° 60° 0° 60° 0°
Efficiency Peak intensity LEDs/each optic Light colour Required compone	0.9 cd/lm 1 White nts:	80 ⁴ 80 90 90 100 100 100 100 100 100
Efficiency Peak intensity LEDs/each optic Light colour Required compone	0.9 cd/lm 1 White nts:	000 000
Efficiency Peak intensity LEDs/each optic Light colour Required compone	0.9 cd/lm 1 White nts: XP-L2	24 00 00 00 00 00 00 00 00 00 0
Efficiency Peak intensity LEDs/each optic Light colour Required compone	0.9 cd/lm 1 White nts: XP-L2 Asymmetric	
Efficiency Peak intensity LEDs/each optic Light colour Required compone	0.9 cd/lm 1 White nts: XP-L2 Asymmetric 92 %	
Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE LED FWHM / FWTM Efficiency Peak intensity	0.9 cd/lm 1 White nts: XP-L2 Asymmetric 92 % 0.6 cd/lm	
Efficiency Peak intensity LEDs/each optic Light colour Required compone CREEE>LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	0.9 cd/lm 1 White nts: XP-L2 Asymmetric 92 % 0.6 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required compone CREEE>LEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.9 cd/lm 1 White nts: XP-L2 Asymmetric 92 % 0.6 cd/lm 1 White	20 ⁻ <u>13⁴</u> 0 ⁻ 13 ⁴ 30 ⁵
Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	0.9 cd/lm 1 White nts: XP-L2 Asymmetric 92 % 0.6 cd/lm 1 White	20° <u>13</u> ° <u>10</u> ° <u>10</u> ° <u>30</u> °
Efficiency Peak intensity LEDs/each optic Light colour Required compone CREEE>LEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.9 cd/lm 1 White nts: XP-L2 Asymmetric 92 % 0.6 cd/lm 1 White	20° <u>13</u> ° <u>10</u> ° <u>10</u> ° <u>30</u> °
Efficiency Peak intensity LEDs/each optic Light colour Required compone CREEE>LEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.9 cd/lm 1 White nts: XP-L2 Asymmetric 92 % 0.6 cd/lm 1 White	20° <u>13</u> ° <u>10</u> ° <u>10</u> ° <u>30</u> °
Efficiency Peak intensity LEDs/each optic Light colour Required compone CREEE>LEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.9 cd/lm 1 White nts: XP-L2 Asymmetric 92 % 0.6 cd/lm 1 White	20° <u>13°</u> 0° <u>13°</u> 30° 0° <u>0°</u> 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0



		90° 90°
LED	XT-E	
FWHM / FWTM	Asymmetric	75* 30 78*
Efficiency	92 %	400
Peak intensity	1 cd/lm	60°
LEDs/each optic	1	
Light colour	White	6° 1000 6°.
Required componer	nts:	
		1200
		3830
		1830
		30° 15° 30°
		50° 90°
LED	XT-E HE	
FWHM / FWTM	Asymmetric	
Efficiency	92 %	
Peak intensity	1.1 cd/lm	50
LEDs/each optic	1	
Light colour	White	45* 45*
Required componer	nts:	1200
		1500
		30° 15° 0° 15° 30°
	EDS	THY YHT
		39 ⁴
LED	LUXEON 5050 Round LES	30
LED FWHM / FWTM	LUXEON 5050 Round LES Asymmetric	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency	LUXEON 5050 Round LES Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/m 1 White	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component MST Vour solut LED FWHM / FWTM	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component MST Vour soluti LED FWHM / FWTM Efficiency	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White hts: RecLED 146x45mm 2900lm 730 STRADA-IP-2x6 G1 Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component MST Vour soluti LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component MST Vour soluti LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White hts: RecLED 146x45mm 2900lm 730 STRADA-IP-2x6 G1 Asymmetric 94 % 1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component MST Vour soluti LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White hts: RecLED 146x45mm 2900lm 730 STRADA-IP-2x6 G1 Asymmetric 94 % 1 cd/lm 1 White	60 67 00 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Vour soluti LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White hts: RecLED 146x45mm 2900lm 730 STRADA-IP-2x6 G1 Asymmetric 94 % 1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component MSST Vour soluti LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White hts: RecLED 146x45mm 2900lm 730 STRADA-IP-2x6 G1 Asymmetric 94 % 1 cd/lm 1 White	60 67 00 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component MST Vour soluti LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White hts: RecLED 146x45mm 2900lm 730 STRADA-IP-2x6 G1 Asymmetric 94 % 1 cd/lm 1 White	5°, <u>60</u> 5°, <u>100</u> 5°,



WICHIA LED NVSW219D FWHM / FWTM Asymmetric	30'
FWHM / FWTM Asymmetric 2017	
	100 / T 70°
Efficiency 94 %	
Peak intensity 0.8 cd/lm	400 60*
LEDs/each optic 1	
Light colour White	690 654
Required components:	
	890
	90*
LED NVSW219F	
FWHM / FWTM Asymmetric 72	apo - He
Efficiency 94 %	
Peak intensity 0.9 cd/lm	
LEDs/each optic 1	600
Light colour White	65*
Required components:	800
	1000
21	1200
	0° 15*
ΝΙCΗΙΛ	900
LED NVSW319B	
FWHM / FWTM Asymmetric	20 75:
Efficiency 94 %	
Peak intensity 0.8 cd/lm	400
LEDs/each optic 1	
Light colour White	65*
Required components:	800
	1000
36" 22	0* 15* 30*
	T-T-
₩ NICHIA	90*
LED NVSW519A	
FWHM / FWTM Asymmetric	A T
Efficiency 94 %	
Peak intensity 0.7 cd/lm	400
LEDs/each optic 1	
Light colour White	600 93*
Required components:	
	- 800
	- 300



OSRAM Opto Semiconductors		90° 90°
LED	Duris S8	
FWHM / FWTM	Asymmetric	754 200 752
Efficiency	94 %	
Peak intensity	0.6 cd/lm	60° 200 60°
LEDs/each optic	1	
Light colour	White	5° 7
Required compone		400
		200
		640
		30° 15° 30°
OSRAM Opto Semiconductors		90*
LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	Asymmetric	75* 30 75*
Efficiency	94 %	400
Peak intensity	1.2 cd/lm	60* 00
LEDs/each optic	1	
Light colour	White	6° 5°
Required compone	nts:	
		1220
		5400
		1000
		30* 30*
PHILIF	S	12 ² 0 ⁴ 22 ³
	Fortimo FastFlex LED 2x6 DP G4	50° 0° 13°
		33°
LED	Fortimo FastFlex LED 2x6 DP G4	
LED FWHM / FWTM	Fortimo FastFlex LED 2x6 DP G4 Asymmetric	25 ⁴ 25 ⁴ 25 ⁴ 29 ⁴ 99 ⁴ 29 ⁴ 99 ⁴ 69 ⁴ 99 ⁴ 99 ⁴
LED FWHM / FWTM Efficiency	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 %	25° 2° 15° 30° 30° 30° 40° 60° 40°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White	61° 600 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White	10 ² 0 ² 15 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White	000 1009 1709
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White Ints:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White Ints:	500 1000 1700
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White Ints:	000 1000 1700
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White Ints:	000 1000 1700
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White Ints:	000 1000 1700
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White Ints:	000 1000 1700
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White Ints: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric 94 %	000 1000 1700
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone PHILLIC LED FWHM / FWTM Efficiency Peak intensity	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ints: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric 94 % 0.9 cd/lm	000 1000 1700
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone PHILLIC FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ints: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric 94 % 0.9 cd/lm 1 White	000 1000 1700
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone PHILLIP FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ints: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric 94 % 0.9 cd/lm 1 White	000 1000 1700
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone PHILLIP FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ints: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric 94 % 0.9 cd/lm 1 White	000 1000 1700
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone PHILLIP FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ints: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric 94 % 0.9 cd/lm 1 White	



PHILIF	PS S	50° 50
LED	Fortimo FastFlex LED 2x6 DPX G4	
FWHM / FWTM	Asymmetric	25% 20 75
Efficiency	94 %	
Peak intensity	0.9 cd/lm	60 ¹
LEDs/each optic	1	
Light colour	White	
Required compone	ints:	
		1000
		X X
		1220
0 0 0 0 0 0		
SAMS	JNG	90* 91
LED	HiLOM RH12 (LH351C)	
FWHM / FWTM	Asymmetric	25
Efficiency	94 %	
Peak intensity	0.8 cd/lm	400 00
LEDs/each optic	1	
Light colour	White	45°
Required compone	nts:	
		800
		30* 30
		152 04 151
SAMSI		90* 90
LED	HiLOM RM12 ZP (LH502C)	4
FWHM / FWTM	Asymmetric	754 5 200 75
FWHM / FWTM Efficiency		
Efficiency Peak intensity	Asymmetric 94 % 0.5 cd/lm	
Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1	20 20 77 6 ³⁴ 20 66
Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White	
Efficiency	Asymmetric 94 % 0.5 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.5 cd/lm 1 White ints:	
Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.5 cd/lm 1 White Ints:	
Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.5 cd/lm 1 White ints: UNG LH351C	
Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.5 cd/lm 1 White ints:	
Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSI LED FWHM / FWTM Efficiency	Asymmetric 94 % 0.5 cd/lm 1 White ints: UNG LH351C Asymmetric 94 %	
Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.5 cd/lm 1 White ints: UNG LH351C Asymmetric 94 % 0.8 cd/lm	
Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1 White ints: UNG LH351C Asymmetric 94 % 0.8 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White INTS: UNC LH351C Asymmetric 94 % 0.8 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1 White INTS: UNC LH351C Asymmetric 94 % 0.8 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White INTS: UNC LH351C Asymmetric 94 % 0.8 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White INTS: UNC LH351C Asymmetric 94 % 0.8 cd/lm 1 White	



SCIO		
		90° 90°
LED FWHM / FWTM	ROY-S26XPL2 (XP-L2)	720 200 720
	Asymmetric	
Efficiency	92 %	60 ⁴ 300 60 ⁴
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	X X X X
Light colour	White	45° 500 43*
Required component	nts:	60
		700
		X NO X
		30* 10 30 10* 30*
SCIO	LUX	90* 90*
LED	XLE-S22C4XTEHE (XT-E HE)	
FWHM / FWTM	Asymmetric	75* 75*
Efficiency	92 %	
Peak intensity	1.1 cd/lm	. 60 ⁴ 60 ⁴
LEDs/each optic	1	X X
Light colour	White	45' 45'
Required component	nts:	1000
		1200
		1400
		1600
		30° 15° 0° 15° 30°
SCIO	LUX	
SCIO		55* 55*
LED	XLE-S26XHP35 (XHP35 HD)	9 ⁴ 25 20 20 25
LED FWHM / FWTM	XLE-S26XHP35 (XHP35 HD) Asymmetric	99° 199° 199° 199° 199° 199°
LED FWHM / FWTM Efficiency	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 %	
LED FWHM / FWTM Efficiency Peak intensity	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m	9° 70 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1	9° 70° 60° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1 White	5° 50 50 50 50 50 50 50 50 50 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1 White	5 5 6 6 6 6 6 6 6 7 7 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1 White	5° 50 6° 60 70 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component scout semiconductor LED	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1 White hts: Z5M3	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component scoul semiconductor LED FWHM / FWTM	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1 White hts: Z5M3 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component storus staticonductor LED FWHM / FWTM Efficiency	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/lm 1 White hts: Z5M3 Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component secoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1 White hts: Z5M3 Asymmetric 94 % 0.9 cd/m	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component secont semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1 White hts: Z5M3 Asymmetric 94 % 0.9 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1 White hts: Z5M3 Asymmetric 94 % 0.9 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component secont semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1 White hts: Z5M3 Asymmetric 94 % 0.9 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component secont semiconoucror LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1 White hts: Z5M3 Asymmetric 94 % 0.9 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1 White hts: Z5M3 Asymmetric 94 % 0.9 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component secont semiconoucror LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S26XHP35 (XHP35 HD) Asymmetric 92 % 0.7 cd/m 1 White hts: Z5M3 Asymmetric 94 % 0.9 cd/m 1 White	



LED	J Series 5050 Round LES	90* 90*
		730 000 740
FWHM / FWTM	Asymmetric	Andres
Efficiency	90 %	50° 50°
Peak intensity	0.5 cd/lm	X / 30
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required components:		
		30 ⁴ 700 30 ⁴
		90° 90°
LED	J Series 5050 Square LES	7
FWHM / FWTM	Asymmetric	73°
Efficiency	90 %	
Peak intensity	0.4 cd/lm	60* 60*
LEDs/each optic	1	30
Light colour	White	45'
Required components:		
		600
		30* <u>15</u> ⁵ <u>0</u> ⁶ <u>15</u> ⁵ <u>30</u> *)
LED	XP-G2 HE	90* 90*
FWHM / FWTM		75° 00 778°
	Asymmetric 88 %	A A Company A
Efficiency	0.7 cd/lm	50° 50° 60°.
Peak intensity	1	400
LEDs/each optic Light colour	White	
Required components:	Wille	6°* 500 65*
Required components.		
		710
		890
		30° 15° 900 15° 30°
	20	THY PHI
		90* 90* 90*
LED	LUXEON 5050 Square LES	776
FWHM / FWTM	Asymmetric	
Efficiency	90 %	200 - 200 - 400
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		\times / \land \times
		50
		50
		50 50 50



ΜΝΙCΗΙΛ		THA KHU
LED	NV4WB35AM	90° 90°
FWHM / FWTM	Asymmetric	730 00 730
Efficiency	90 %	
-	90 % 0.6 cd/lm	50 60*
Peak intensity		$X \times T \times X$
LEDs/each optic		40
Light colour	White	45° 200 45°
Required components:		0,0
		The second secon
		30* 30 ⁶ 15 ⁴ 30 ⁴
Μ ΝΙCΗΙΛ		
LED	NVSxE21A	90* 90*
ED FWHM / FWTM		750 780
Efficiency	Asymmetric 88 %	
	86 % 0.8 cd/lm	\$0 ⁴ 600 694
Peak intensity		
LEDs/each optic Light colour	1 White	500
Required components:	white	145° 000 45°
Required components.		\times
		1000
		30° 15 ⁵ 0° 15° 30°
OSRAM		
		90* 90*
LED	PrevaLED Brick HP IP 2x6	
FWHM / FWTM	Asymmetric	
Efficiency	89 %	50* 60*
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	$X / T \land X$
Light colour	White	-6°*
Required components:		
		\times
		800
		30* 30*
OSRAM		
Opto Semiconductors		90* 90*
LED	OSCONIQ P 3737 (3W version)	
FWHM / FWTM	Asymmetric	
Efficiency	90 %	
Peak intensity	0.6 cd/lm	30
LEDs/each optic	1	
Light colour	White	45*
Required components:		60
		30* 30*
		25 ² 0 ⁶ 15 ⁴



SAMSUN	IG	MA KHI
LED	LH181B	90* 90*
FWHM / FWTM	Asymmetric	73 0 200 750
Efficiency	90 %	
Peak intensity	0.9 cd/lm	60* 400 60*
LEDs/each optic	1	
Light colour	White	
Required components:		
		1000
		1200
		30* 35 ² 0 ⁶ 15 ⁴ 30*
SAMSUN	IG	90° 90°
LED	LH502C	
FWHM / FWTM	Asymmetric	120 100 730
Efficiency	90 %	
Peak intensity	0.5 cd/lm	60°
LEDs/each optic	1	
Light colour	White	45° 400 45°
Required components:		
		500
		640
		30* 30*
		15 700 15
SEOUL		15 ³ 760 15 ⁴
SECUL		12° 76° 12°
SEOUL SEMICONDUCTOR	2x6 5050 module - SMJD-3625012F-XX	22 ² 20 ² 22 ⁴
seoul semiconductor LED FWHM / FWTM	Asymmetric	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
seoul semiconductor LED FWHM / FWTM Efficiency	Asymmetric 90 %	15° 700 12° 90° 92° 60° 60° 92° 60° 92°
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 90 % 0.4 cd/lm	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.4 cd/lm 1	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.4 cd/lm	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.4 cd/lm 1	20° 00° 00° 00° 00° 00° 00° 00° 00° 00°
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.4 cd/lm 1	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.4 cd/lm 1	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.4 cd/lm 1	200 00° 200
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 0.4 cd/lm 1	
SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SECOUL SEMICONDUCTOR	Asymmetric 90 % 0.4 cd/lm 1 White	
SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SECOUL SEMICONDUCTOR LED	Asymmetric 90 % 0.4 cd/lm 1 White SEOUL DC 3030C	
SEOUL SENICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SENICONDUCTOR LED FWHM / FWTM	Asymmetric 90 % 0.4 cd/lm 1 White SEOUL DC 3030C Asymmetric	
SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency	Asymmetric 90 % 0.4 cd/lm 1 White SEOUL DC 3030C Asymmetric 90 %	
SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 90 % 0.4 cd/lm 1 White SEOUL DC 3030C Asymmetric	
SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 0.4 cd/lm 1 White SEOUL DC 3030C Asymmetric 90 % 0.7 cd/lm	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 90 % 0.4 cd/lm 1 White SEOUL DC 3030C Asymmetric 90 % 0.7 cd/lm 1	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.4 cd/lm 1 White SEOUL DC 3030C Asymmetric 90 % 0.7 cd/lm 1	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.4 cd/lm 1 White SEOUL DC 3030C Asymmetric 90 % 0.7 cd/lm 1	
sEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 0.4 cd/lm 1 White SEOUL DC 3030C Asymmetric 90 % 0.7 cd/lm 1	



SEOUL SEOUL SEMICONDUCTOR		30° 9°
LED	Z5M4	
FWHM / FWTM	Asymmetric	
Efficiency	91 %	
Peak intensity	0.7 cd/lm	, 60°
LEDs/each optic	1	
Light colour	White	e ¹ 60 e ²
Required component	ts:	
		80
		20" 200 20" 25 0" 23 23"



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:

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