

PRODUCT DATASHEET CS15870_STRADA-IP-2X6-T2-L

STRADA-IP-2X6-T2-L

IESNA Type II (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 🛈



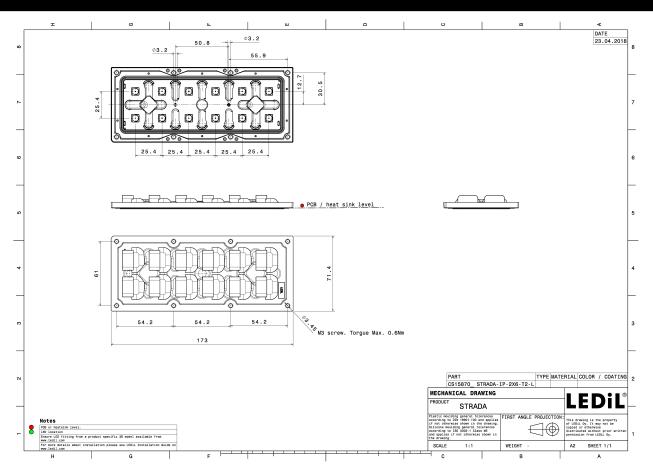
MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
STRADA-IP-2X6-T2-L	Multi-lens	PMMA	clear	
2X6-SEAL25	Seal	Silicone	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS15870_STRADA-IP-2X6-T2-L	Multi-lens	120	40	40	8.8
» 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>



ELECTRONICS		50° 50°
LED	QUICK FLUX 2x6 LED XG xxx G7+	
FWHM / FWTM	Asymmetric	751 751
Efficiency	91 %	× × + 400
Peak intensity	1.4 cd/lm	60° 600 60°
LEDs/each optic	1	$X \times I \times X$
Light colour	White	5°
Required compone		1000
		1200
		3430
		30° 155 0° 15° 30°
CONET		THAY YEART
		90* 90*
LED	QUICK FLUX 2x6 LED XT xxx G5	20 20
FWHM / FWTM	Asymmetric	
Efficiency	91 %	50° 500 60°.
Peak intensity	1.8 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 1000 43*
Required compone	nts:	1200
		1400
		1000
		30° 23 ⁵ 1890 15° 30°
		758 799
	XP-G3	799
		200
LED	XP-G3	199
LED FWHM / FWTM	XP-G3 Asymmetric	30
LED FWHM / FWTM Efficiency	XP-G3 Asymmetric 92 %	30
LED FWHM / FWTM Efficiency Peak intensity	XP-G3 Asymmetric 92 % 1.4 cd/lm	39
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White nts: XP-L2	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White nts: XP-L2 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White nts: XP-L2 Asymmetric 91 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White nts: XP-L2 Asymmetric 91 % 0.9 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White nts: XP-L2 Asymmetric 91 % 0.9 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White nts: XP-L2 Asymmetric 91 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White nts: XP-L2 Asymmetric 91 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White nts: XP-L2 Asymmetric 91 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White nts: XP-L2 Asymmetric 91 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 92 % 1.4 cd/lm 1 White nts: XP-L2 Asymmetric 91 % 0.9 cd/lm 1 White	



		90* 90*
LED	XT-E	
FWHM / FWTM	Asymmetric	75
Efficiency	91 %	400
Peak intensity	1.8 cd/lm	. 00° <u>60°</u> 60°
LEDs/each optic	1	80
Light colour	White	45* 1000 63*
Required componer		1200
		3430
		1500
		1800
		25 ⁵ 0 ⁶ 13 ⁵
		90* 90*
LED	XT-E HE	
FWHM / FWTM	Asymmetric	35
Efficiency	91 %	
Peak intensity	1.8 cd/lm	
LEDs/each optic	1	
Light colour	White	6
Required componer	nts:	1000
		1230
		100
		50° 15° 1600 15° 30°
	EDS	
		90° 90°
LED	LUXEON 5050 Round LES	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM	LUXEON 5050 Round LES Asymmetric	200 - 200 - 202 201 - 202
LED FWHM / FWTM Efficiency	LUXEON 5050 Round LES Asymmetric 93 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Round LES Asymmetric 93 % 0.8 cd/lm	20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 93 % 0.8 cd/lm 1	2° - 2° - 2° - 2° - 2° - 2° - 2° - 2° -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 93 % 0.8 cd/lm 1 White	20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 93 % 0.8 cd/lm 1 White	2° - 2° - 2° - 2° - 2° - 2° - 2° - 2° -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 93 % 0.8 cd/lm 1 White	2° 20 0° 2°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 93 % 0.8 cd/lm 1 White	2° 20 0° 0°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 93 % 0.8 cd/lm 1 White	2° - 2° - 2° - 2° - 2° - 2° - 2° - 2° -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON 5050 Round LES Asymmetric 93 % 0.8 cd/lm 1 White nts:	20 20 70 01 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON 5050 Round LES Asymmetric 93 % 0.8 cd/lm 1 White nts:	20 20 70 01 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON 5050 Round LES Asymmetric 93 % 0.8 cd/lm 1 White nts:	20 20 70 01 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON 5050 Round LES Asymmetric 93 % 0.8 cd/lm 1 White nts:	20 20 70 01 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer MSST LED FWHM / FWTM Efficiency	LUXEON 5050 Round LES Asymmetric 93 % 0.8 cd/lm 1 White nts:	20 20 70 01 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer MSST Vour soluti LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Round LES Asymmetric 93 % 0.8 cd/lm 1 White nts: RecLED 146x45mm 2900lm 730 STRADA-IP-2x6 G1 Asymmetric 92 % 1.7 cd/lm	27 - 29 - 29 - 29 - 29 - 29 - 29 - 29 -
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 93 % 0.8 cd/lm 1 White nts: RecLED 146x45mm 2900lm 730 STRADA-IP-2x6 G1 Asymmetric 92 % 1.7 cd/lm 1	
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 93 % 0.8 cd/lm 1 White nts: RecLED 146x45mm 2900lm 730 STRADA-IP-2x6 G1 Asymmetric 92 % 1.7 cd/lm 1 White	27 - 29 - 29 - 29 - 29 - 29 - 29 - 29 -
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	LUXEON 5050 Round LES Asymmetric 93 % 0.8 cd/lm 1 White nts: RecLED 146x45mm 2900lm 730 STRADA-IP-2x6 G1 Asymmetric 92 % 1.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen MSST Vour soluti LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 93 % 0.8 cd/lm 1 White nts: RecLED 146x45mm 2900lm 730 STRADA-IP-2x6 G1 Asymmetric 92 % 1.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen MSST Vour soluti LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 93 % 0.8 cd/lm 1 White nts: RecLED 146x45mm 2900lm 730 STRADA-IP-2x6 G1 Asymmetric 92 % 1.7 cd/lm 1 White	



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ØNICHI∕	1	
LED	NVSW219D	100
FWHM / FWTM	Asymmetric	N3
Efficiency	93 %	100 -
Peak intensity	1.5 cd/lm	20
LEDs/each optic	1	339
Light colour	White	
Required compone	nts:	200
		10
		90* 90*
	NVSW219F	75: 20 75:
FWHM / FWTM Efficiency	Asymmetric 92 %	
Peak intensity	92 % 1.5 cd/lm	60* 60*
		200
LEDs/each optic Light colour	1 White	X
Required compone		45°
Required compone	115.	1000
		1220
		1400
		30° 15° 30°
		90°
LED	NVSW319B	
FWHM / FWTM	Asymmetric	75* 200 75*
Efficiency	92 %	400
Peak intensity	1.2 cd/lm	60* <u>60</u> *
LEDs/each optic	1	800
Light colour	White	45°
Required compone	nts:	1000
		1200
		1490
		30* 1000 30*
		······································
		90* 90*
LED	NVSW519A	70
FWHM / FWTM	Asymmetric	
FWHM / FWTM Efficiency	92 %	400 60%
FWHM / FWTM Efficiency Peak intensity	92 % 1.1 cd/lm	50 ⁻⁴ 60 ⁴
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	92 % 1.1 cd/lm 1	50° 60°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	92 % 1.1 cd/lm 1 White	40 60 60 60 60 60 60 60 60 60 60 60 60 60
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	92 % 1.1 cd/lm 1 White	50° 500 50°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	92 % 1.1 cd/lm 1 White	51
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	92 % 1.1 cd/lm 1 White	61 60 60 60 60 60 60 60 60 60 60



OSRAM Opto Semiconductors		
LED	Duris S8	90°
FWHM / FWTM	Asymmetric	75 - 254 - 75°
Efficiency	92 %	
Peak intensity	0.8 cd/lm	60 [%] 400 60 [%]
LEDs/each optic	1	
Light colour	' White	43° 660 43°
Required componer		
		\times
		1000
		30° 1250 30° 30°
OSRAM		
Opto Semiconductors	001 0N 500000 000000000	90* 90*
LED FWHM / FWTM	OSLON Square CSSRM2/CSSRM3	75* 200 75*
Efficiency	Asymmetric 93 %	
Peak intensity	1.9 cd/lm	400 60^
LEDs/each optic	1	000
Light colour	' White	$X \times / X X$
Required componer		40° 40°
		1000
		1220
		30° 15 ² 1880 15° 30°.
PHILIP		
		30*
LED	Fortimo FastFlex LED 2x6 DP G4	9° - 99
LED FWHM / FWTM	Fortimo FastFlex LED 2x6 DP G4 Asymmetric	
LED FWHM / FWTM Efficiency	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 %	20° 20' 20' 20' 20' 20' 20' 20' 20' 20' 20'
LED FWHM / FWTM Efficiency Peak intensity	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm	91* 921 730 - 732 61* - 60 - 60*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1	500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1 White	a' <u>80</u> a' <u>80</u> a'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1 White	500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1 White	a' <u>80</u> a' <u>80</u> a'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1 White	er 80 er
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1 White nts:	6° 6° 6° 6° 6°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1 White nts:	60 67 100 100 100 100 100 100 100 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1 White Its:	60 67 100 100 100 100 100 100 100 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1 White Ints:	60 67 100 100 100 100 100 100 100 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component PHILLIP LED FWHM / FWTM	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1 White Ints:	60 67 100 100 100 100 100 100 100 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1 White Ints: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric 93 %	er er 109 109 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component PHILLIP LED FWHM / FWTM Efficiency Peak intensity	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1 White nts: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric 93 % 1.6 cd/lm	er er 109 109 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1 White nts: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric 93 % 1.6 cd/lm 1	60 67 100 100 201 201 201 201 201 201
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1 White nts: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric 93 % 1.6 cd/lm 1 White	60 67 100 100 201 201 201 201 201 201
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1 White nts: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric 93 % 1.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1 White nts: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric 93 % 1.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component PHILLIP FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DP G4 Asymmetric 92 % 1.6 cd/lm 1 White nts: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric 93 % 1.6 cd/lm 1 White	



PHILIP	25	50° 55
LED	Fortimo FastFlex LED 2x6 DPX G4	
FWHM / FWTM	Asymmetric	75* 200 78
Efficiency	92 %	
Peak intensity	1.4 cd/lm	60* 400 66
LEDs/each optic	1	600
Light colour	White	450
Required componer	nts:	
		1000
		\times
		1200
		30° 135 0° 15° 36
SAMSU	ING	90*
LED	HiLOM RH12 (LH351C)	
FWHM / FWTM	Asymmetric	25 20 71
Efficiency	93 %	40
Peak intensity	1.4 cd/lm	50° 66
LEDs/each optic	1	640
Light colour	White	45* 000 45
Required componer	nts:	
		1000
		1200
		30°
CARACI		15° 18° 15°
SVWS	ING	90* 90
LED	HiLOM RM12 ZP (LH502C)	1
FWHM / FWTM	Asymmetric	751
	Asymmetric	
Efficiency	93 %	615 460 6
Efficiency Peak intensity	93 % 0.7 cd/lm	60 ^x 400 k
Efficiency Peak intensity LEDs/each optic	93 % 0.7 cd/lm 1	60 ³
Efficiency Peak intensity LEDs/each optic Light colour	93 % 0.7 cd/lm 1 White	40 ⁵ 400 40
Efficiency Peak intensity LEDs/each optic	93 % 0.7 cd/lm 1 White	6 ³ 60 6
Efficiency Peak intensity LEDs/each optic Light colour	93 % 0.7 cd/lm 1 White	41 ⁻ 60 60 61- 100
Efficiency Peak intensity LEDs/each optic Light colour	93 % 0.7 cd/lm 1 White	40°
Efficiency Peak intensity LEDs/each optic Light colour	93 % 0.7 cd/lm 1 White	60° 10° 10° 10° 10° 10° 10° 10° 10° 10° 1
Efficiency Peak intensity LEDs/each optic Light colour Required componer	93 % 0.7 cd/lm 1 White hts:	89 107 127
Efficiency Peak intensity LEDs/each optic Light colour Required componer	93 % 0.7 cd/lm 1 White hts:	89 107 127
Efficiency Peak intensity LEDs/each optic Light colour Required componer	93 % 0.7 cd/lm 1 White hts: NG LH351C	89 107 127
Efficiency Peak intensity LEDs/each optic Light colour Required componer SAMSU LED FWHM / FWTM	93 % 0.7 cd/lm 1 White Its: NG LH351C Asymmetric	89 107 127
Efficiency Peak intensity LEDs/each optic Light colour Required componer SAMSU LED FWHM / FWTM Efficiency	93 % 0.7 cd/lm 1 White hts: NG LH351C Asymmetric 93 %	89 107 127
Efficiency Peak intensity LEDs/each optic Light colour Required componer SAMSU LED FWHM / FWTM Efficiency Peak intensity	93 % 0.7 cd/lm 1 White hts: NG LH351C Asymmetric 93 % 1.4 cd/lm	89 107 127
Efficiency Peak intensity LEDs/each optic Light colour Required componer SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	93 % 0.7 cd/lm 1 White hts: NG LH351C Asymmetric 93 % 1.4 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required componer SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	93 % 0.7 cd/lm 1 White hts: NCC LH351C Asymmetric 93 % 1.4 cd/lm 1 White	89 107 127
Efficiency Peak intensity LEDs/each optic Light colour Required componer SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	93 % 0.7 cd/lm 1 White hts: NCC LH351C Asymmetric 93 % 1.4 cd/lm 1 White	89 107 127
Efficiency Peak intensity LEDs/each optic Light colour Required componen SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	93 % 0.7 cd/lm 1 White hts: NCC LH351C Asymmetric 93 % 1.4 cd/lm 1 White	89 107 127
Efficiency Peak intensity LEDs/each optic Light colour Required componen SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	93 % 0.7 cd/lm 1 White hts: NCC LH351C Asymmetric 93 % 1.4 cd/lm 1 White	89 107 127



SCIO		MA KH
		90* 90
	ROY-S26XPL2 (XP-L2)	250 20 78
FWHM / FWTM	Asymmetric	
Efficiency	91 %	60%
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	$X \times / X \times$
Light colour	White	45* 800 45
Required componer	its:	1000
		1200
		30* 15 ⁵ 0° 10* 30
		15 ³ 0 ³ 15 ⁹
SCIO	LUX	90* 90
LED	XLE-S22C4XTEHE (XT-E HE)	
FWHM / FWTM	Asymmetric	75* 204 75
Efficiency	91 %	400
Peak intensity	1.8 cd/lm	606 60
LEDs/each optic	1	
Light colour	White	80
Required componer		1000
	10.	
		1200
		1430
		30° 15° 1600 15° 30
SCIO		
SCIO		90° 50 50
LED	XLE-S26XHP35 (XHP35 HD)	90 ⁻
LED FWHM / FWTM	XLE-S26XHP35 (XHP35 HD) Asymmetric	99 ¹ 79 ¹ 79
LED FWHM / FWTM Efficiency	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 %	
LED FWHM / FWTM Efficiency Peak intensity	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1	95 ⁺ 75 10 ⁺ 10 ⁺
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White its:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White Its: Z5M3	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer seoul semiconductor LED FWHM / FWTM	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White hts: Z5M3 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White hts: Z5M3 Asymmetric 92 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White hts: Z5M3 Asymmetric 92 % 1.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White its: Z5M3 Asymmetric 92 % 1.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer storus staticonductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White its: Z5M3 Asymmetric 92 % 1.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White its: Z5M3 Asymmetric 92 % 1.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer storus staticonductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White its: Z5M3 Asymmetric 92 % 1.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer storus staticonductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White its: Z5M3 Asymmetric 92 % 1.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component storul staticonductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S26XHP35 (XHP35 HD) Asymmetric 91 % 0.9 cd/lm 1 White its: Z5M3 Asymmetric 92 % 1.3 cd/lm 1 White	



LED	J Series 5050 Round LES	190- 20-
FWHM / FWTM	Asymmetric	75° 75°
Efficiency	89 %	
-		60° 400 60°.
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	500
Light colour	White	6°
Required components:		
		1000
		30*
		90* 90*
LED	J Series 5050 Square LES	
FWHM / FWTM	Asymmetric	75°
Efficiency	89 %	
Peak intensity	0.6 cd/lm	40
LEDs/each optic	1	
Light colour	White	45* 45
Required components:		
		800
		30° 15 ⁵ 1000 15° 30°
LED	XHP50.3 HI	
FWHM / FWTM	Asymmetric	75° 75°
Efficiency	88 %	
Peak intensity	0.8 cd/lm	604 604
LEDs/each optic	1	
Light colour	' White	
Required components:	WIIG	es. es.
		20
		1000
		30* 15 ⁵ 1250 15 ⁺ 30*
		THY YHI
		90* 90*
LED	XP-G2 HE	the state of the s
FWHM / FWTM	Asymmetric	
Efficiency	87 %	.50 ⁴
Peak intensity	1.2 cd/lm	
	1	\vee \times / \top \vee \vee
LEDs/each optic		
Light colour	White	5° 000 5°
	White	5° 00 G*
Light colour	White	65 00 65
Light colour	White	-0°
Light colour	White	- 4 ² - 90 - 4 ²



UMILED	S	
LED	LUXEON 5050 Square LES	90*
FWHM / FWTM		750
	Asymmetric	200
Efficiency	89 % 0.6 cd/m	
Peak intensity		400
LEDs/each optic	1	
Light colour	White	45° 600
Required components:		
		800
		\times / \mid \rangle \rightarrow
		30* 15 ⁵ 10 ⁵⁵ 15*
)S	
LED		90*
FWHM / FWTM	LUXEON 5050 Square LES	750
Efficiency	Asymmetric 88 %	
Peak intensity	86 % 0.6 cd/lm	
	1	400
LEDs/each optic Light colour	1 White	
Required components:	Wille	45* 640
Required components.		
		800
		K/T
		30* <u>15</u> <u>0</u> <u>15</u> *
ΜΝΙCΗΙΛ		
LED	NV4WB35AM	
FWHM / FWTM	Asymmetric	730 200
Efficiency	89 %	
Linolonoy		
	0.9 cd/lm	50%
Peak intensity	0.9 cd/m 1	200
Peak intensity LEDs/each optic	1	50 ⁴ 400 600
Peak intensity LEDs/each optic Light colour		60°
Peak intensity LEDs/each optic	1	5° 00 6° 00 00
Peak intensity LEDs/each optic Light colour	1	50° 000 6° 000 1000
Peak intensity LEDs/each optic Light colour	1	63 ⁺ 60 60 ⁺ 00 100 100
Peak intensity LEDs/each optic Light colour	1	63* 60 60 100 100 100 100 100 100 10
Peak intensity LEDs/each optic Light colour Required components:	1	
Peak intensity LEDs/each optic Light colour Required components:	1 White	60° 60° 60° 10° 10° 10° 10° 10° 10° 10° 10° 10° 1
Peak intensity LEDs/each optic Light colour Required components:	1 White NV4x144A	
Peak intensity LEDs/each optic Light colour Required components:	1 White NV4x144A Asymmetric	
Peak intensity LEDs/each optic Light colour Required components:	1 White NV4x144A Asymmetric 85 %	
Peak intensity LEDs/each optic Light colour Required components:	1 White NV4x144A Asymmetric 85 % 0.5 cd/m	
Peak intensity LEDs/each optic Light colour Required components:	1 White NV4x144A Asymmetric 85 % 0.5 cd/m 1	
Peak intensity LEDs/each optic Light colour Required components:	1 White NV4x144A Asymmetric 85 % 0.5 cd/m	
Peak intensity LEDs/each optic Light colour Required components:	1 White NV4x144A Asymmetric 85 % 0.5 cd/m 1	
Peak intensity LEDs/each optic Light colour Required components:	1 White NV4x144A Asymmetric 85 % 0.5 cd/m 1	
Peak intensity LEDs/each optic Light colour Required components: WICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White NV4x144A Asymmetric 85 % 0.5 cd/m 1	



MICHIΛ		
LED	NVSxE21A	90* 90*
		730 200 700 700
FWHM / FWTM	Asymmetric	400
Efficiency	86 %	50% 500 50*
Peak intensity	1.3 cd/lm	$X \times / T \times / T$
LEDs/each optic	1	
Light colour	White	45* 1000 45*
Required components:		1220
		3450
		30* 30*
000444		132 ²
OSRAM		90* 90*
LED	PrevaLED Brick HP IP 2x6	
FWHM / FWTM	Asymmetric	730 730
Efficiency	78 %	400
Peak intensity	1.1 cd/lm	. 60 ⁴
LEDs/each optic	1	
Light colour	White	45° 200 65*
Required components:		
		1230
		1400
		30* 15 ³ 0 ⁴ 15* 30 ⁴
000444		
USRAM		
OSRAM Opto Semiconductors		10 ⁻
LED	OSCONIQ P 3030	194
LED FWHM / FWTM	Asymmetric	90 ⁻ 73 ⁻ 40
LED FWHM / FWTM Efficiency	Asymmetric 88 %	90 ⁻ 73 ⁻ 60 00 6 ⁻ 6 ⁻ 6 ⁻
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 88 % 1.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 88 % 1.5 cd/lm 1	500 500 500 500 500 500 500 500 500 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 1.5 cd/lm	50 50 50 50 50 50 50 50 50 50 50 50 50 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 88 % 1.5 cd/lm 1	50 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 1.5 cd/lm 1	50° 000 60°. 900 1000 50° 1200 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 1.5 cd/lm 1	50 50 50 50 50 50 50 50 50 50 50 50 50 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 1.5 cd/lm 1	61 00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 1.5 cd/lm 1	60 60 60 50 100 50 100 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 1.5 cd/lm 1 White	60 60 60 50 100 50 100 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 1.5 cd/lm 1 White OSCONIQ P 3737 (3W version)	60 60 60 50 100 50 100 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 1.5 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric	64 690 644 800 644 1000 654 1000 655 1000 6555 1000 6555 1000 6555 1000 6555 1000 6555 1000 65555
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 1.5 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 88 %	60 60 60 50 100 50 100 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 88 % 1.5 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 88 % 0.9 cd/lm	60 60 60 50 100 50 100 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 1.5 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 88 % 0.9 cd/lm 1	5 5 12 9 6 5 6 5 1 1 2 9 1 1 1 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 1.5 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 88 % 0.9 cd/lm	60 60 60 50 100 50 100 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 1.5 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 88 % 0.9 cd/lm 1	60 60 60 50 100 50 100 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 1.5 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 88 % 0.9 cd/lm 1	60 60 60 50 100 50 100 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 1.5 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 88 % 0.9 cd/lm 1	60 60 60 50 100 50 100 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 1.5 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 88 % 0.9 cd/lm 1	64 690 644 800 644 1000 654 1000 655 1000 6555 1000 6555 1000 6555 1000 6555 1000 6555 1000 65555



SAMSUN	IG	THY YHT
LED	LH181B	90* 90*
EED FWHM / FWTM	Asymmetric	73° 200 75'
Efficiency	88 %	400
Peak intensity	0.9 cd/lm	504 500 50
LEDs/each optic	1	
Light colour	White	45° 65'
Required components:		
		1200
		3450
		1600
0.0.0.0.0.0	10	30° 12 ⁵ 0 ⁶ 12 ⁶ 30°
SAMSUN	16	90* 90*
LED	LH351D	
FWHM / FWTM	Asymmetric	73* 200
Efficiency	88 %	50*
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 600 43*
Required components:		\times
		800
		\times
		30* <u>1000</u> 30* 30*
SAMSUN	IG	
LED	LH502C	500 A
FWHM / FWTM		
	Asymmetric	(2)
	Asymmetric 88 %	
Efficiency	88 %	*** **
Efficiency Peak intensity		
Efficiency	88 % 0.7 cd/lm	10
Efficiency Peak intensity LEDs/each optic	88 % 0.7 cd/lm 1	19
Efficiency Peak intensity LEDs/each optic Light colour	88 % 0.7 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour	88 % 0.7 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour	88 % 0.7 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components:	88 % 0.7 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour	88 % 0.7 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components:	88 % 0.7 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components: seour semiconductor LED FWHM / FWTM	88 % 0.7 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required components: seoul semconductor LED FWHM / FWTM Efficiency	88 % 0.7 cd/lm 1 White 2x6 5050 module - SMJD-3625012F-XX Asymmetric 89 %	
Efficiency Peak intensity LEDs/each optic Light colour Required components: seous sewconductor LED FWHM / FWTM Efficiency Peak intensity	88 % 0.7 cd/lm 1 White 2x6 5050 module - SMJD-3625012F-XX Asymmetric	
Efficiency Peak intensity LEDs/each optic Light colour Required components: secure semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	88 % 0.7 cd/lm 1 White 2x6 5050 module - SMJD-3625012F-XX Asymmetric 89 % 0.6 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components: secons secons EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	88 % 0.7 cd/m 1 White 2x6 5050 module - SMJD-3625012F-XX Asymmetric 89 % 0.6 cd/m	
Efficiency Peak intensity LEDs/each optic Light colour Required components: secure semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	88 % 0.7 cd/lm 1 White 2x6 5050 module - SMJD-3625012F-XX Asymmetric 89 % 0.6 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components: secons se	88 % 0.7 cd/lm 1 White 2x6 5050 module - SMJD-3625012F-XX Asymmetric 89 % 0.6 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components: stout semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	88 % 0.7 cd/lm 1 White 2x6 5050 module - SMJD-3625012F-XX Asymmetric 89 % 0.6 cd/lm 1	



PRODUCT DATASHEET CS15870_STRADA-IP-2X6-T2-L

seoul SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SEOUL DC 3030C Asymmetric 89 % 1.1 cd/lm 1 White	90° 400 400 400 400 400 400 400 4
stout semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SEOUL DC 5050 6V Asymmetric 89 % 0.6 cd/lm 1 White	
seous semiconouctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Z5M4 Asymmetric 89 % 1.1 cd/m 1 White	



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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