

PRODUCT DATASHEET CS15418_STRADA-IP-2X6-SCL

STRADA-IP-2X6-SCL

Type II/III (long) beam for very wide pole to pole distances. Ideal for pedestrian walkways and residential road lighting. (EN13201 P-classes)

TECHNICAL SPECIFICATIONS:

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



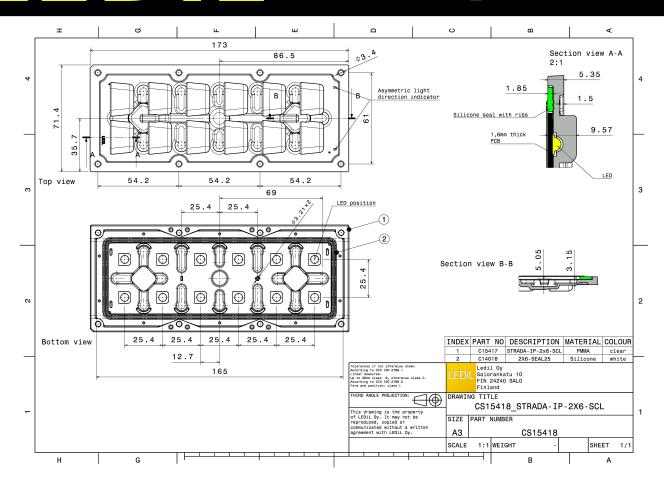
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS15418_STRADA-IP-2X6-SCL	Multi-lens	120	40	40	7.9
» 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>



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Bridgelux SMD 5050 Asymmetric 94 % 0.6 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	QUICK FLUX 2x6 LED XG xxx G7+ Asymmetric 94 % 0.7 cd/lm 1 White nts:	
CREE (200 200 200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone	XM-L Asymmetric % 1 White nts:	60 67. 60 07.
CREE C LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G2 Asymmetric 94 % 0.7 cd/lm 1 White	



CREE \$		50° 50°
LED	XP-G3	
FWHM / FWTM	Asymmetric	734
Efficiency	94 %	
Peak intensity	0.7 cd/lm	60%
		460
LEDs/each optic	1	$X \times I \times X$
Light colour	White	- 65° 000 95°
Required componer	lis	
		800
		30° 1000 30° 30°
CREE ≑		
		90* 90*
LED	XP-L HD	250 200
FWHM / FWTM	Asymmetric	
Efficiency	94 %	. by ⁶
Peak intensity	0.7 cd/lm	400
LEDs/each optic	1	\times / / \wedge \times
Light colour	White	45° 45^
Required componer	its:	
		800
		30*
CREE 🗧		
		90° 90°
LED	XP-L2	100
FWHM / FWTM	Asymmetric	1 Shert
Efficiency	94 %	. 60%
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	165° 500 63°
Required componer	its:	500
		700
		X
		30° 255 380 25° 30°
CREE -		
		90° 90°
LED	XT-E	250
FWHM / FWTM	Asymmetric	200
Efficiency	94 %	.60*
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	65° 600 65°
Required componer	its:	
		800
		\times / \top / \times
		30* 30*
		15° 1890 15°



CREE 4		90*
LED	™ XT-E HE	~ <u> </u>
FWHM / FWTM	Asymmetric	75* 75*
Efficiency	94 %	
Peak intensity	0.7 cd/lm	60* 60*
	1	460
LEDs/each optic		$X \times I \times X$
Light colour	White	45* 600 45*
Required compone	IIS.	
		000
		30° 1000 30° 30°
	EDS	
		90* 90*
LED	LUXEON 5050 Round LES	100
FWHM / FWTM	Asymmetric	75*
Efficiency	94 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	X
Light colour	White	45'
Required compone	nts:	
		00
		700
		15 ⁵ 0 ⁶ 15 ⁴
🤭 LUMIL	EDS	90* 90*
LED	LUXEON T	9
FWHM / FWTM	Asymmetric	75* 200 75
Efficiency	94 %	
Peak intensity	0.8 cd/lm	60° 400 60°.
LEDs/each optic	1	
Light colour	White	45 600 451
Required compone	nts:	
		800
		\times / \setminus \times
		1000
		30° 15° 30°
UMIL	EDS	
LED	LUXEON V	90° 99°
EED FWHM / FWTM	Asymmetric	200
Efficiency	Asymmetric 92 %	
	92 % 0.7 cd/lm	60" 300 60"
Peak intensity		40
LEDs/each optic	1 White	
Light colour	White	65 (S*
Required compone	NS:	
		760
		00
		30° 300 30°
		15° 0° 15°



•		
UMIL	EDS	50° 50°
LED	LUXEON V2	9
FWHM / FWTM	Asymmetric	251 200 757
Efficiency	94 %	
Peak intensity	0.7 cd/lm	50 ⁴ 50 ⁴
LEDs/each optic	1	
Light colour	White	45* 660 65*
Required componer	nts:	
		700
		\times \land \times
		1000
		125 0° 15°
MST Your soluti	ions	90* 90
LED	RecLED 146x45mm 2900lm 7x0 2x6 IP Opt G2	3
FWHM / FWTM	Asymmetric	20 200 200 700
Efficiency	96 %	
Peak intensity	0.7 cd/lm	. 60 [%] 400 60 [°] .
LEDs/each optic	1	
Light colour	White	45* 000 45*
Required componer	nts:	\times
		800
		30°
		15, 0, 15,
ØNICHI		90°
LED	NVSW219D	30° 9° 9°
LED FWHM / FWTM	NVSW219D Asymmetric	200 201 201 201 201 201 201 201 201 201
LED FWHM / FWTM Efficiency	NVSW219D Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity	NVSW219D Asymmetric 94 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSW219D Asymmetric 94 % 0.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW219D Asymmetric 94 % 0.7 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSW219D Asymmetric 94 % 0.7 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW219D Asymmetric 94 % 0.7 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW219D Asymmetric 94 % 0.7 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW219D Asymmetric 94 % 0.7 cd/m 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	NVSW219D Asymmetric 94 % 0.7 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	NVSW219D Asymmetric 94 % 0.7 cd/m 1 White hts:	49 47 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	NVSW219D Asymmetric 94 % 0.7 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	NVSW219D Asymmetric 94 % 0.7 cd/m 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency	NVSW219D Asymmetric 94 % 0.7 cd/lm 1 White hts: NVSW219F Asymmetric	49 47 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen Required componen Efficiency Peak intensity	NVSW219D Asymmetric 94 % 0.7 cd/lm 1 White hts: NVSW219F Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic	NVSW219D Asymmetric 94 % 0.7 cd/lm 1 White hts: NVSW219F Asymmetric 94 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen Required componen Efficiency Peak intensity	NVSW219D Asymmetric 94 % 0.7 cd/lm 1 White nts: NVSW219F Asymmetric 94 % 0.8 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	NVSW219D Asymmetric 94 % 0.7 cd/lm 1 White nts: NVSW219F Asymmetric 94 % 0.8 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	NVSW219D Asymmetric 94 % 0.7 cd/lm 1 White nts: NVSW219F Asymmetric 94 % 0.8 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	NVSW219D Asymmetric 94 % 0.7 cd/lm 1 White nts: NVSW219F Asymmetric 94 % 0.8 cd/lm 1 White	



IED NVSW319B FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/m LEDs/each optic 1 Light colour White Required components:	
FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components Image: Component of the symmetric of	
Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components Image: Component of the second of the se	
Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components Image: Component State St	
LEDs/each optic 1 Light colour White Required components Image: Component State Stat	
Light colour White Required components:	
Light colour White Required components:	
Required components: Image: Chick of the second	
LED NVSW3x9A FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	15° - 0°
LED NVSW3x9A FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	17°
LED NVSW3x9A FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	15°
LED NVSW3x9A FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	
LED NVSW3x9A FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	N. M. M.
FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	57 67
Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	67
Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	607.
LEDs/each optic 1 Light colour White	60*.
Light colour White	63*
	45*
Required components:	
20° - 20°	X
30° 1000	+
1909 1907 - 151 ⁴ 0 ⁴⁷	X
	-t V
	15*
<i>₩</i> NICHIA	
LED NVSW519A	
FWHM / FWTM Asymmetric	
Efficiency 95 %	
Peak intensity 0.7 cd/lm	
LEDs/each optic 1	
Light colour White	
Required components:	
ℋNICHIΛ	FT and
LED NVSxx19B/NVSxx19C	90*
FWHM / FWTM Asymmetric	- 74*
Efficiency 96 %	∇
Peak intensity 0.8 cd/lm	60*
LEDs/each optic 1	\bigvee
Light colour White	
Required components:	
	+
	X
000	-t \
20° - 20°	15* 30*



OSRAM		
Opto Semiconductors	Duris S8	90° 90°
FWHM / FWTM	Asymmetric	75
Efficiency	95 %	
-	95 % 0.6 cd/lm	60* 60*
Peak intensity		
LEDs/each optic	1	400
Light colour	White	43°
Required compone	nts:	500
		30° 15 ⁵ 0° 15° 30°
PHILIF	20	
		90* 90*
LED	Fortimo FastFlex LED 2x6 DP G4	75
FWHM / FWTM	Asymmetric	
Efficiency	94 %	60 ⁴ 60 ⁴
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 45*
Required compone	nts:	800
		\times / \times
		1000
		30° 15° 30° .
		13 ¹ 15 ¹ 0 ¹ 15 ² 0 ¹
PHILIP		8° 6 80 80
LED	Fortimo FastFlex LED 2x6 DPX G4	<u><u>y</u>¹ <u>y</u>¹ <u>y</u>¹ <u>y</u>¹ <u>y</u>¹ <u>y</u>¹</u>
LED FWHM / FWTM	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric	
LED FWHM / FWTM Efficiency	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/Im 1	60° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White	0: 0: 0: 0: 0: 0: 0: 0: 0: 0:
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White	00 00 01 00 02 00 03 00 04 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White	90 00 0, 20, 00 0, 20, 0, 0,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White nts:	20 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White nts:	20 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White nts:	20 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White Its:	20 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSU LED FWHM / FWTM	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White Ints: HILOM RH12 (LH351C) Asymmetric	20 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANSU LED FWHM / FWTM Efficiency	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White Ints: HILOM RH12 (LH351C) Asymmetric 94 %	20 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANSU LED FWHM / FWTM Efficiency Peak intensity	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White nts:	20 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANNSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White nts:	20 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White nts:	20 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANNSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White nts:	20 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANNSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x6 DPX G4 Asymmetric 94 % 0.7 cd/lm 1 White nts:	20 20 20 20 20 20 20 20 20 20 20 20 20 2



SAMSL	ING	90° 90°
LED	HiLOM RM12 ZP (LH502C)	×
FWHM / FWTM	Asymmetric	75* 100 75*
Efficiency	96 %	
Peak intensity	0.6 cd/lm	64 ¹⁰ 64 ⁴
LEDs/each optic	1	$X \times I \times X$
Light colour	White	400
Required component		
		30° 25 ³ 30° 15° 30°
SCIO	LUX	90° 90°
LED	ROY-S26XPL2 (XP-L2)	9.00
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.7 cd/lm	60° 300 60°
LEDs/each optic	1	400
Light colour	White	10° 500 (0°
Required compone	nts:	000
		700
		× ***
		10° 15 ³ 0° 16° 30°
SCIO	LUX	90* 90*
SCIO		»• »
	XLE-S22C4XTEHE (XT-E HE)	25- 000 22
LED		
LED FWHM / FWTM	XLE-S22C4XTEHE (XT-E HE) Asymmetric	
LED FWHM / FWTM Efficiency	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 %	80°
LED FWHM / FWTM Efficiency Peak intensity	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White	20- 20- 00- 00- 00- 00- 00- 00-
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White tts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White tts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White tts:	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White hts:	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White hts:	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component SCIO LED FWHM / FWTM Efficiency	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White hts:	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component SCIO LED FWHM / FWTM Efficiency Peak intensity	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White hts:	200
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	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componed SCCCO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componed SCCCO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componed	XLE-S22C4XTEHE (XT-E HE) Asymmetric 94 % 0.7 cd/lm 1 White hts:	



SEOUL		THY YHT
SEOUL SEMICONDUCTOR		90* 90*
LED	2x6 5050 module - SMJD-3625012F-XX	75* 100 75*
FWHM / FWTM	Asymmetric	
Efficiency	94 %	60* 60*
Peak intensity	0.6 cd/lm	300
LEDs/each optic	1	
Light colour	White	45* 200 45*
Required compone	nts:	
		710
		304 170 000 704 504
SEOUL		23, 0, 19,
SEOUL SEMICONDUCTOR		90* 90*
LED	SMJQ-D36W12Mx	4
FWHM / FWTM	Asymmetric	130- (100) 130- 360
Efficiency	93 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	45*
Required compone	nts:	600
		\times
		900
		30"
SEOUL		13 ⁵ 0 ⁶ 15 ⁵
SEOUL SEMICONDUCTOR		90° 90°
LED	SMJQ-D36W12Px	9
FWHM / FWTM	Asymmetric	73*
Efficiency	94 %	
Peak intensity	0.7 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	43° 800 43°
Required compone	nts:	
		810
		\times / \setminus \times
		30° 1000 35° 36° 35°
SEOUL		
SEOUL SEMICONDUCTOR		90* 90*
LED	Z5M3	50°
LED FWHM / FWTM	Asymmetric	34- 00 34- 54- 00 54- 54-
LED FWHM / FWTM Efficiency	Asymmetric 95 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric	94 ³ 95 ³ 35 ³ 000 75 ³ 66 ³ 60 ³
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 95 % 0.7 cd/lm 1	00 ² 00 00 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 95 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 95 % 0.7 cd/lm 1 White	



PRODUCT DATASHEET CS15418_STRADA-IP-2X6-SCL

seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z8Y22 Asymmetric 93 % 0.6 cd/lm 1 White nts:	
SEOUL SEMICONDUCTOR		
LED	Z8Y22P	9°
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.7 cd/lm	60 ¹
LEDs/each optic	1	
Light colour	White	e ^r 80 e
Required compone	nts:	200 50 ⁺⁺ 20 ⁺ 100 20 ⁺ 20 ⁺ 30 ⁺ 30 ⁺
TRIDON	IIC	80*
LED	RLE 2x6 3000lm HP EXC2 OTD	~
FWHM / FWTM	Asymmetric	75
Efficiency	94 %	
Peak intensity	0.7 cd/lm	60 ⁵ 400
LEDs/each optic	1	
Light colour	White	67 50 4
Required compone	nts:	



WHM / FWTM Asymmetric fiftciency 93% Yeak intensity 0.5 cd/m EDs/each optic 1 ight colour White Equired components: CREE ← ED XHP35 HD WHM / FWTM Asymmetric fiftciency 92% Yeak intensity 0.5 cd/m EDs/each optic 1 ight colour White Required components: CREE ← ED XP-G2 HE WMM / FWTM Asymmetric fiftciency 92% Yeak intensity 0.6 cd/m EDs/each optic 1 ight colour White Required components: CREE ← ED XP-G2 HE WMM / FWTM Asymmetric fiftciency 92% Yeak intensity 0.6 cd/m EDs/each optic 1 ight colour White Required components: CREE ← ED XP-G2 HE WMM / FWTM Asymmetric fiftciency 92% Yeak intensity 0.6 cd/m EDs/each optic 1 ight colour White Required components: CREE ← ED XP-G2 HE WMM / FWTM Asymmetric fiftciency 92% Yeak intensity 0.6 cd/m EDs/each optic 1 ight colour White Required components: CREE ←			
ED J Series 6050 Round LES WHM / FWTM Asymmetric filiciancy 93 % Vak intensity 0.6 cd/m Ebs/aach optic EDS EDS EDS EDS EDS EDS EDS EDS	CREE 🔶		
WHM / FVTM Asymmetric filedancy 93 % valk intensity 0.6 cd/m ED%each optic 1 ight colour White Required components: EVEREE ED XHP35 HD WHM / FVTM Asymmetric fifteency 92 % valk intensity 0.5 cd/m ED%each optic 1 ight colour White ED%each optic 1 ight colour White ED	LED	Series 5050 Round ES	
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Required components: EXPLOSE SUBJECT			
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CREE ÷ ED XHP35 HD WMM / FVTM Asymmetric #ficiency 92 % vesk intensity 0.5 col/m ED (ALXEN S050 Round LES) ED VMM / FVTM Asymmetric #intensity 0.5 col/m ED/seach opic 1 ight colour White ED XP-62 HE WMM / FVTM Asymmetric #fileioncy 92 % veak intensity 0.6 col/m ED/seach opic 1 ight colour White Required components: ************************************	Required components:		60
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WHM / FWTM Asymmetric ifficiency 92 % veak intensity 0.5 cd/in EDs/each optic 1 ight colour White Required components:		V/UDGE UD	90* 90'
ifficiency 92 % beak intensity 0.5 cd/m EDs/each optic 1 ight colour White tequired components:			750 100 780
eak intensity 0.5 cd/m EDs/each optic 1 ight colour White tequired components: CREE ED XP-G2 HE WHM / FWTM Asymmetric ifficiency 92 % Peak intensity 0.6 cd/m EDs/each optic 1 ight colour White tequired components: ED LUXIEDS ED LUXEON 5050 Round LES WHM / FWTM Asymmetric ifficiency 80 % Peak intensity 0.5 cd/m EDs/each optic 1 ight colour White tequired components: ED LUXEON 5050 Round LES WHM / FWTM Asymmetric ifficiency 80 % Peak intensity 0.5 cd/m EDs/each optic 1 ight colour White tequired components: ED LUXEON 5050 Round LES WHM / FWTM Asymmetric ifficiency 80 % Peak intensity 0.5 cd/m EDs/each optic 1 ight colour White tequired components: ED LUXEON 5050 Round LES WHM / FWTM Asymmetric ifficiency 80 % Peak intensity 0.5 cd/m EDs/each optic 1 ight colour White tequired components:			the second second
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Required components:			400
CREE ED XP-G2 HE WHM / FWTM Asymmetric fficiency 92 % Peak intensity 0.6 cd/m EDS/each optic 1 ight colour White ED LUXEON 5050 Round LES WHM / FWTM Asymmetric fficiency 80 % Peak intensity 0.5 cd/m ED S/each optic 1 ight colour White ED LUXEON 5050 Round LES WHM / FWTM Asymmetric ifficiency 80 % Peak intensity 0.5 cd/m ED S/each optic 1 ight colour White Required components:		White	45* 500 45
CREE ED XP-G2 HE WHM / FWTM Asymmetric ifficiency 92 % Yeak intensity 0.6 cd/m EDs/each optic 1 ight colour White Required components: ED LUXEON 5050 Round LES WHM / FWTM Asymmetric ifficiency 80 % Yeak intensity 0.5 cd/m EDS/each optic 1 ight colour White Required components:	Required components:		
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CREE ED XP-G2 HE WHM / FWTM Asymmetric ifficiency 92 % Yeak intensity 0.6 cd/m EDs/each optic 1 ight colour White Required components: ED LUXEON 5050 Round LES WHM / FWTM Asymmetric ifficiency 80 % Yeak intensity 0.5 cd/m EDS/each optic 1 ight colour White Required components:			760
ED XP-G2 HE WHM / FWTM Asymmetric WHM / FWTM Asymmetric Peak intensity 0.6 cd/lm EDs/each optic 1 ight colour White Required components: Vertice ED LUXEON 5050 Round LES WHM / FWTM Asymmetric ifficiency 80 % Peak intensity 0.5 cd/lm EDs/each optic 1 ight colour White Required components: 0.5 cd/lm EDs/each optic 1 ight colour White Required components: Vertice			30* 800 30'
ED XP-G2 HE WHM / FWTM Asymmetric WHM / FWTM Asymmetric Peak intensity 0.6 cd/lm EDs/each optic 1 ight colour White Required components: Vertice ED LUXEON 5050 Round LES WHM / FWTM Asymmetric ifficiency 80 % Peak intensity 0.5 cd/lm EDs/each optic 1 ight colour White Required components: 0.5 cd/lm EDs/each optic 1 ight colour White Required components: Vertice			15 ³ 0 ⁶ 10 ⁶
ED XP-G2 HE WHM / FWTM Asymmetric WHM / FWTM Asymmetric Peak intensity 0.6 cd/lm EDs/each optic 1 ight colour White Required components: Vertice ED LUXEON 5050 Round LES WHM / FWTM Asymmetric ifficiency 80 % Peak intensity 0.5 cd/lm EDs/each optic 1 ight colour White Required components: 0.5 cd/lm EDs/each optic 1 ight colour White Required components: Vertice	CREE 🔶		90* 90
WHM / FWTM Asymmetric ifficiency 92 % 'eak intensity 0.6 cd/lm EDs/each optic 1 ight colour White Required components:	LED	XP-G2 HE	9
ifficiency 92 % Peak intensity 0.6 cd/lm EDs/each optic 1 ight colour White Required components: Image: Colour of the second	FWHM / FWTM		75° 200 75'
Peak intensity 0.6 cd/lm EDs/each optic 1 ight colour White Required components: CUMILEDS ED LUXEON 5050 Round LES WHM / FWTM Asymmetric Efficiency 80 % Peak intensity 0.5 cd/lm EDs/each optic 1 ight colour White Required components:	Efficiency		
EDs/each optic 1 ight colour White Required components: CUMILEDS ED LUXEON 5050 Round LES WHM / FWTM Asymmetric ifficiency 80 % 'eak intensity 0.5 cd/lm EDs/each optic 1 ight colour White Required components:			50 ⁴ 50 ⁴
ight colour White Required components: ED LUXEON 5050 Round LES WHM / FWTM Asymmetric ifficiency 80 % Peak intensity 0.5 cd/lm EDS/each optic 1 ight colour White Required components:			$\mid X \mid T \setminus X$
Required components:			5° 55
ED LUXEON 5050 Round LES WHM / FWTM Asymmetric Efficiency 80 % Peak intensity 0.5 cd/lm EDS/each optic 1 ight colour White Required components: Image: Component State Sta			
ED LUXEON 5050 Round LES WHM / FWTM Asymmetric Efficiency 80 % Peak intensity 0.5 cd/lm EDs/each optic 1 ight colour White Required components:	- 1 1		
ED LUXEON 5050 Round LES WHM / FWTM Asymmetric Efficiency 80 % Peak intensity 0.5 cd/lm EDs/each optic 1 ight colour White Required components:			
ED LUXEON 5050 Round LES WHM / FWTM Asymmetric Efficiency 80 % Peak intensity 0.5 cd/lm EDs/each optic 1 ight colour White Required components:			
ED LUXEON 5050 Round LES WHM / FWTM Asymmetric Efficiency 80 % Peak intensity 0.5 cd/lm EDs/each optic 1 Light colour White Required components:			
ED LUXEON 5050 Round LES WHM / FWTM Asymmetric Efficiency 80 % Peak intensity 0.5 cd/lm EDs/each optic 1 Light colour White Required components:		S	
WHM / FWTM Asymmetric Efficiency 80 % Peak intensity 0.5 cd/lm EDs/each optic 1 light colour White Required components:	LED		"
Efficiency 80 % Peak intensity 0.5 cd/lm EDs/each optic 1 ight colour White Required components:			75%
Peak intensity 0.5 cd/lm EDs/each optic 1 ight colour White Required components:		-	
EDs/each optic 1 ight colour White Required components:			604 60
ight colour White Required components:			XXX
Required components:			$\times \times / \setminus \times \times$
***		AALUG	45* 400 45'
Protective plate, glass	required components:		
	Protective plate	glass	X/TX
		,	× + + ×
30° 20° 40° 20° 30°			



)\$	1 TAY YATT
		90* 9C
	LUXEON 5050 Square LES	758 100 72
FWHM / FWTM	Asymmetric	1 Tranker
Efficiency	93 %	50 ⁴ 300 62
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 20 4
Required components:		60
		700
		X 000
		30* <u>15*</u> 300 <u>15*</u> 30
	05	THY YHT
LED		90* 92
ED FWHM / FWTM	LUXEON 5050 Square LES	75° 100. 72
Efficiency	Asymmetric 92 %	1 Tomber 1
Peak intensity	92 % 0.6 cd/lm	504 50
-	1	$X \times I \times X$
LEDs/each optic Light colour	1 White	XXXX
Required components:	winte	-65 ⁻ 500 - 65
Required components.		600
		700
		30 ⁴ 15 ⁵ 0 ⁶ 15 ⁴ 30
ΜΝΙCΗΙΛ		
	NEMW48×A	90* 94
LED	NFMW48xA Asymmetric	50* F
LED FWHM / FWTM	Asymmetric	
LED FWHM / FWTM Efficiency	Asymmetric 93 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 93 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.6 cd/lm	50° 73° 50° 50° 50° 50° 50° 50° 50° 50° 50° 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.6 cd/lm 1	50° 566 C
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.6 cd/lm 1	50° 50 60° 50 70° 50 60° 60 70°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.6 cd/lm 1	00* 73* 00* 00* 00* 00* 00* 00* 00* 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NV4WB35AM Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NV4WB35AM Asymmetric 86 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NV4WB35AM Asymmetric 86 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NV4WB35AM Asymmetric 86 % 0.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NV4WB35AM Asymmetric 86 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NV4WB35AM Asymmetric 86 % 0.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NV4WB35AM Asymmetric 86 % 0.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.6 cd/lm 1 White NV4WB35AM Asymmetric 86 % 0.7 cd/lm 1	



		
Μ ΝΙCΗΙΛ		90* 90*
LED	NV4x144A	
FWHM / FWTM	Asymmetric	750 100 750
Efficiency	90 %	
Peak intensity	0.4 cd/lm	50 ⁴ 50 ⁴
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required components:		
		600
		30 ⁴ 15 ² 0 ⁶ 15 ⁴ 30 ⁴
MICHIΛ		90° 0°
LED	NVSxE21A	
FWHM / FWTM	Asymmetric	
Efficiency	90 %	50 ⁴ 50*
Peak intensity	0.6 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	45* 45*
Required components:		800
		\times
		1000
		30* 30*
OSDAM		
OSRAM Opto Semiconductors		10 ¹ 10 ¹
OSRAM Opto Semiconductors LED	OSCONIQ P 3737 (3W version)	10 ⁻
Opto Semiconductors	OSCONIQ P 3737 (3W version) Asymmetric	
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 92 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 92 % 0.6 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 0.6 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.6 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 0.6 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 92 % 0.6 cd/lm 1	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 92 % 0.6 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED	Asymmetric 92 % 0.6 cd/lm 1 White OSCONIQ P 3737 (3W version)	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	Asymmetric 92 % 0.6 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 92 % 0.6 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 92 %	29 ⁴ 0 ⁴ 13 ⁴
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 92 % 0.6 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric	29 ⁴ 0 ⁴ 13 ⁴
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 0.6 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 92 % 0.6 cd/lm 1	29 ⁴ 0 ⁴ 13 ⁴
opto Semiconductors 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 92 % 0.6 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 92 % 0.6 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 0.6 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 92 % 0.6 cd/lm 1	
opto Semiconductors 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 92 % 0.6 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 92 % 0.6 cd/lm 1	
opto Semiconductors 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 92 % 0.6 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 92 % 0.6 cd/lm 1	



OSRAM		
Opto Semiconductors		90° 90°
	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	Asymmetric	
Efficiency	92 %	50* 60*
Peak intensity	0.6 cd/lm	400
LEDs/each optic	1	$\vee \times / \vee \times \vee$
Light colour	White	42+ 600 42+
Required components:		
		800
		1000
		30 ⁻ 15 ⁵ 0 ⁶ 15 ⁶ 30 ⁻
OSRAM Opto Semiconductors		90° 90°
LED	OSLON Square CSSRM2/CSSRM3	4
FWHM / FWTM	Asymmetric	750 000 730
Efficiency	92 %	X Yunger X X
Peak intensity	0.7 cd/lm	50° 400 50°.
LEDs/each optic	1	\times
Light colour	White	45* 200 33*
Required components:		
		000
		30* 15 ⁵ 19 ⁵ 0 15* 30*
SAMSUN	10	TNY KAT
		90° 90°
LED	LH181B	710 M
FWHM / FWTM	Asymmetric	
Efficiency		
	92 %	.50° 400 50°.
Peak intensity	0.7 cd/lm	66 ⁴ 66 ⁴
Peak intensity LEDs/each optic	0.7 cd/lm 1	200 ⁻ 00 ⁻ 00 ⁻
Peak intensity LEDs/each optic Light colour	0.7 cd/lm	60 ⁴ 60 ⁴ 60 ⁴
Peak intensity LEDs/each optic	0.7 cd/lm 1	60* 00 00 10* 00 10* 00 10* 00
Peak intensity LEDs/each optic Light colour	0.7 cd/lm 1	6°* 60 60*
Peak intensity LEDs/each optic Light colour	0.7 cd/lm 1	60° 60° 60° 60° 60° 60° 80° 80° 80°
Peak intensity LEDs/each optic Light colour	0.7 cd/lm 1	
Peak intensity LEDs/each optic Light colour Required components:	0.7 cd/lm 1 White	300
Peak intensity LEDs/each optic Light colour Required components:	0.7 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour Required components:	0.7 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour Required components:	0.7 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	0.7 cd/lm 1 White G LH351B Asymmetric	
Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency	0.7 cd/lm 1 White I LH351B Asymmetric 93 %	
Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity	0.7 cd/lm 1 White I LH351B Asymmetric 93 % 0.6 cd/lm	
Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	0.7 cd/lm 1 White LH351B Asymmetric 93 % 0.6 cd/lm 1	
Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.7 cd/lm 1 White I LH351B Asymmetric 93 % 0.6 cd/lm	
Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	0.7 cd/lm 1 White LH351B Asymmetric 93 % 0.6 cd/lm 1	
Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.7 cd/lm 1 White LH351B Asymmetric 93 % 0.6 cd/lm 1	
Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.7 cd/lm 1 White LH351B Asymmetric 93 % 0.6 cd/lm 1	



SAMSUN	IG	90*
LED	LH351D	1
FWHM / FWTM	Asymmetric	75%
Efficiency	92 %	man
Peak intensity	0.6 cd/lm	len
LEDs/each optic	1	
Light colour	White	
Required components:		
required componenter		
		800
		30° 15° 0° 15°
SEOUL		
seoul semiconductor	SEOUL DC 3030C	99°
FWHM / FWTM	Asymmetric	
Efficiency	93 %	
Peak intensity	0.6 cd/lm	50* 400
LEDs/each optic	1	
Light colour	White	45* 600
Required components:		
required compendite.		200
		1000
		30° 15°
SEOUL		
seoul semiconductor	Z5M1/Z5M2	90°
FWHM / FWTM	Asymmetric	750 000 000
Efficiency	93 %	- Wan
Peak intensity	0.7 cd/lm	604 400
LEDs/each optic	1	
Light colour	White	45*
Required components:		
··· · · · · · · · · · · · · · · · · ·		
		1000
		30° 15 ⁵ 1680 15°
SEOUL		
seoul semiconductor	Z5M4	
FWHM / FWTM	Asymmetric	75%
Efficiency	94 %	
Peak intensity	0.6 cd/lm	504 400
LEDs/each optic	1	
Light colour	White	5°°
Required components:	TTING	
required components.		
		1090



EOUL SEMICONDUCTOR	
_ED	Z8Y22T
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.7 cd/lm
EDs/each optic	1
_ight colour	White
Required components	



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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LEDiL Oy

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