

PRODUCT DATASHEET C15217_STRADA-2X2-CAT-B

STRADA-2X2-CAT-B

Narrow catenary street light beam, optimized for EN13201 M-classes and tilted poles

TECHNICAL SPECIFICATIONS:

Dimensions	50.0 x 50.0 mm
Height	7.7 mm
Fastening	pin, screw
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component STRADA-2X2-CAT-B

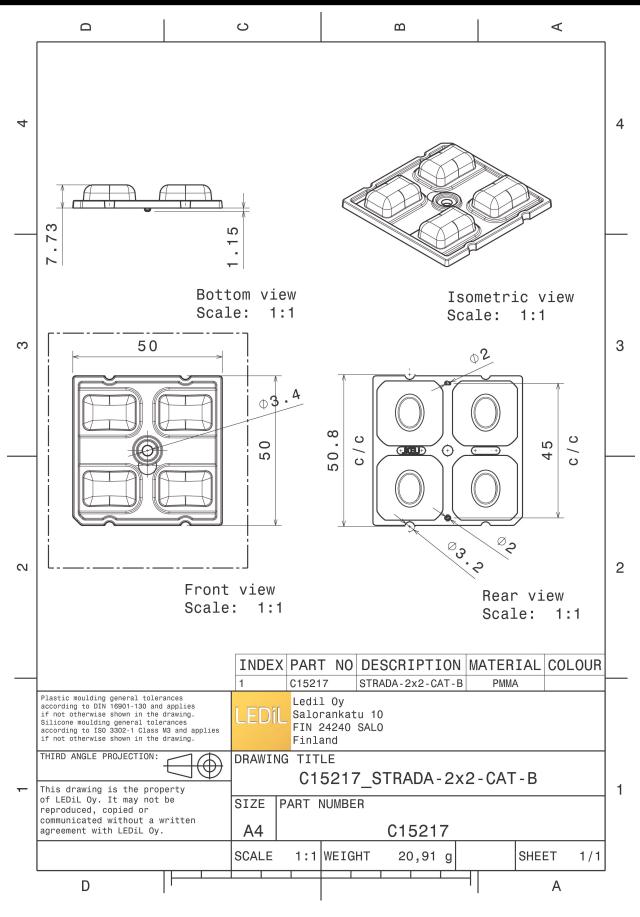
Туре	
Multi-lens	

Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15217_STRADA-2X2-CAT-B	800	160	160	7.0
» Box size: 480 x 280 x 300 mm				

PRODUCT DATASHEET C15217_STRADA-2X2-CAT-B



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



	XD16		<u>y</u> ,
FWHM / FWTM	Asymmetric		75° 200
Efficiency	93 %		
Peak intensity	0.7 cd/Im		604
LEDs/each optic	1		640
Light colour	White		45° 45°
Required compone	nts:		
			1000
			1200
			30* 13 ⁵ 0* 15* 30 ⁵
	D		
LED	XD16		
FWHM / FWTM	Asymmetric		
Efficiency	94 %	statements of the second second second	144
Peak intensity	0.6 cd/lm		29
LEDs/each optic	4		····
Light colour	White		29
Required compone	nts:		200
			19-
			109
			9
	D		
LED	XM-L3		
FWHM / FWTM	Asymmetric		73 200 73*
Efficiency	96 %		
Peak intensity	0.6 cd/lm		60* 60* 60*
LEDs/each optic	1		
Light colour	White		45* 600 45*
Required compone	nts:		
			1000
			30* 12 ⁵ 0 ⁶ 15 ⁴ 30 ⁵
			90**
LED	XP-G2		
FWHM / FWTM	Asymmetric		75 775
Efficiency	94 %		
Peak intensity	0.6 cd/lm		50° 60°
LEDs/each optic	1		
Light colour	White		45* 45*
Required compone	nts:		
			X X
			1000
			30° 30° 30°



LED	- XP-G3	
FWHM / FWTM	Asymmetric	75°
Efficiency	95 %	
Peak intensity	0.6 cd/lm	60° 60°.
LEDs/each optic	1	
Light colour	White	45* 200
Required compone		
		1000
		30° 30° 30°
		90* 90*
LED	XP-G3	
FWHM / FWTM	Asymmetric	200 75°
Efficiency	84 %	
Peak intensity	0.6 cd/lm	60° 60°
LEDs/each optic	1	0,0
Light colour	White	5° 5°
Required compone		
C17580_STRAD	A-2X2-SHD-WHT	
		1000
		30* 15 ⁵ 1200 15* 30*
		139 ⁵ 10 ⁶ 10 ⁹
		20 0, 10 30 ⁴
	XP-G3	<u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>
LED	XP-G3	
LED FWHM / FWTM	XP-G3 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G3 Asymmetric 67 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 Asymmetric 67 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G3 Asymmetric 67 % 0.6 cd/lm 1 White nts:	90° 73° 60° 700 700 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G3 Asymmetric 67 % 0.6 cd/lm 1 White	90° 73° 60° 700 700 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G3 Asymmetric 67 % 0.6 cd/lm 1 White nts:	90° 73° 60° 700 700 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G3 Asymmetric 67 % 0.6 cd/lm 1 White nts:	90° 73° 60° 700 700 700 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17677_STRAD	XP-G3 Asymmetric 67 % 0.6 cd/lm 1 White nts: IA-2X2-SHD-BLK	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17677_STRAD	XP-G3 Asymmetric 67 % 0.6 cd/lm 1 White nts: NA-2X2-SHD-BLK	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17677_STRAD	XP-G3 Asymmetric 67 % 0.6 cd/lm 1 White nts: IA-2X2-SHD-BLK	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17677_STRAD	XP-G3 Asymmetric 67 % 0.6 cd/lm 1 White nts: IA-2X2-SHD-BLK EDS LUXEON 5050 Round LES Asymmetric	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17677_STRAD	XP-G3 Asymmetric 67 % 0.6 cd/lm 1 White nts: VA-2X2-SHD-BLK EDS LUXEON 5050 Round LES Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17677_STRAD	XP-G3 Asymmetric 67 % 0.6 cd/lm 1 White Ints: IA-2X2-SHD-BLK EDS LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17677_STRAD	XP-G3 Asymmetric 67 % 0.6 cd/lm 1 White Its: IA-2X2-SHD-BLK EDS LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17677_STRAD	XP-G3 Asymmetric 67 % 0.6 cd/lm 1 White nts: XA-2X2-SHD-BLK EDS LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17677_STRAD	XP-G3 Asymmetric 67 % 0.6 cd/lm 1 White nts: XA-2X2-SHD-BLK EDS LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17677_STRAD	XP-G3 Asymmetric 67 % 0.6 cd/lm 1 White nts: XA-2X2-SHD-BLK EDS LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17677_STRAD C17677_STRAD C17677_STRAD C17677_STRAD C17677_STRAD C17677_STRAD C17677_STRAD	XP-G3 Asymmetric 67 % 0.6 cd/lm 1 White nts: XA-2X2-SHD-BLK EDS LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White	



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LED	LUXEON V	
FWHM / FWTM	Asymmetric	73* 200
Efficiency	94 %	
Peak intensity	0.5 cd/lm	50* 60*
LEDs/each optic	1	
Light colour	White	6° 6°
Required componen	its:	600
		00
		30* 1000 10* 30*
MST Your solution	ons	90* A A A A A A A A A A A A A A A A A A A
LED	RecLED 122x50mm 1900lm 730 2x4 Opt G1	
FWHM / FWTM	Asymmetric	73%
Efficiency	97 %	
Peak intensity	0.6 cd/lm	50* 400 50*
LEDs/each optic	1	
Light colour	White	45° 5°
Required componen	its:	00
		X X
		3030
		30 ⁴ 12b 30 ⁴ 30 ⁴
Μ ΝΙCΗΙΛ		109 189
	NVSW219D	
		193 - A
LED	NVSW219D	
LED FWHM / FWTM	NVSW219D Asymmetric	*** ***
LED FWHM / FWTM Efficiency	NVSW219D Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW219D Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSW219D Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW219D Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW219D Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW219D Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	NVSW219D Asymmetric 94 % 0.6 cd/lm 1 White tts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	NVSW219D Asymmetric 94 % 0.6 cd/lm 1 White tts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	NVSW219D Asymmetric 94 % 0.6 cd/lm 1 White tts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	NVSW219D Asymmetric 94 % 0.6 cd/lm 1 White its:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	NVSW219D Asymmetric 94 % 0.6 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen Required componen	NVSW219D Asymmetric 94 % 0.6 cd/lm 1 White hts: NVSW219F Asymmetric 94 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen Required componen Efficiency Peak intensity LEDs/each optic	NVSW219D Asymmetric 94 % 0.6 cd/lm 1 White hts: NVSW219F Asymmetric 94 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen Required componen Efficiency Peak intensity LEDs/each optic Light colour	NVSW219D Asymmetric 94 % 0.6 cd/lm 1 White hts: NVSW219F Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen Required componen Efficiency Peak intensity LEDs/each optic Light colour	NVSW219D Asymmetric 94 % 0.6 cd/lm 1 White hts: NVSW219F Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen Required componen Efficiency Peak intensity LEDs/each optic Light colour	NVSW219D Asymmetric 94 % 0.6 cd/lm 1 White hts: NVSW219F Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	NVSW219D Asymmetric 94 % 0.6 cd/lm 1 White hts: NVSW219F Asymmetric 94 % 0.6 cd/lm 1 White	



ØNICHI		90* 90*
LED	NVSW319B	
FWHM / FWTM	Asymmetric	75%
Efficiency	94 %	
Peak intensity	0.6 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	45* 640 45*
Required compone	nts:	\times
		80
		1000
		130° 15 ⁵ 0° 15° 30°
		90° 90°
LED	NVSW3x9A	
FWHM / FWTM	Asymmetric	73* (-200) 73*
Efficiency	94 %	
Peak intensity	0.6 cd/lm	60 ⁴ 60 ⁴
LEDs/each optic	1	
Light colour	White	45* 640 45*
Required compone	nts:	
		XITX
		1000
		15 ³
∕∕ NICHI∧		90* 90*
LED	NVSxE21A	70
LED FWHM / FWTM	NVSxE21A Asymmetric	75 20 72
		20 50 60 97
FWHM / FWTM	Asymmetric	75° 200 75° 60° 60°
FWHM / FWTM Efficiency	Asymmetric 94 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.9 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.9 cd/lm 1 White	5° 60 60° 60°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.9 cd/lm 1 White	20 00 00 00 00 00 00 00 00 00 00 00 00 0
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.9 cd/lm 1 White	5° 60 60° 60°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.9 cd/lm 1 White	2°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.9 cd/lm 1 White	2°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.9 cd/lm 1 White nts:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.9 cd/lm 1 White nts:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 94 % 0.9 cd/lm 1 White nts: Duris S8 Asymmetric	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 94 % 0.9 cd/lm 1 White nts: Duris S8 Asymmetric 96 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.9 cd/lm 1 White nts: Duris S8 Asymmetric 96 % 0.6 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.9 cd/lm 1 White nts: Duris S8 Asymmetric 96 % 0.6 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Osto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.9 cd/lm 1 White nts: Duris S8 Asymmetric 96 % 0.6 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.9 cd/lm 1 White nts: Duris S8 Asymmetric 96 % 0.6 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.9 cd/lm 1 White nts: Duris S8 Asymmetric 96 % 0.6 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.9 cd/lm 1 White nts: Duris S8 Asymmetric 96 % 0.6 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Optic Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.9 cd/lm 1 White nts: Duris S8 Asymmetric 96 % 0.6 cd/lm 1 White	



OSRAM Opto Semiconductors		90 ⁺
LED	OSLON Square PC	
FWHM / FWTM	Asymmetric	75° 200 75°
Efficiency	94 %	
Peak intensity	0.6 cd/lm	60 ⁴ 60 ⁴
LEDs/each optic	1	
Light colour	White	45* 600
Required compone		
		X/T/X
		2000
		30* 15° 30* 30*
PHILI	S	90* 98*
LED	Fortimo FastFlex LED 2x8 DA G4	
FWHM / FWTM	Asymmetric	736 200 736
Efficiency	94 %	
Peak intensity	0.6 cd/lm	.60* 60*
LEDs/each optic	1	
Light colour	White	45* 45*
Required compone	nts:	
		\times \land \times
		1000
		20*
		15 ⁵ 1800 15*
PHILI	25	90* 90*
LED	Fortimo FastFlex LED 2x8 DA G4+	
FWHM / FWTM	Asymmetric	73 (200) /2*
Efficiency	97 %	
Peak intensity	0.6 cd/lm	400 - 60°
LEDs/each optic	1	\vee \times \mid \setminus \times \vee
Light colour	White	45° 600 45°
Required compone	nts:	
		1000
		30* 30*
СЛЛАС		
SVWSI	JNU	90* 90*
LED		
	HiLOM RC12 Z (LH181B)	
FWHM / FWTM	Asymmetric	200 75'
FWHM / FWTM Efficiency	Asymmetric 96 %	
FWHM / FWTM Efficiency Peak intensity	Asymmetric 96 % 0.9 cd/lm	200 720 60 ⁴ 60 60 ⁴ 60
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 96 % 0.9 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 96 % 0.9 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 96 % 0.9 cd/lm 1 White	51 ⁵ 00 60 ⁴
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 96 % 0.9 cd/lm 1 White	2°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 96 % 0.9 cd/lm 1 White	5° 60 6° 5° 60 6° 5° 100 6°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 96 % 0.9 cd/lm 1 White	5° 00 00 5° 00 5° 2000 6°



3/\IVI3	JNG	90*
LED	HiLOM RH12 Z (LH351C)	
FWHM / FWTM	Asymmetric	75°
Efficiency	97 %	
Peak intensity	0.7 cd/lm	aur au
LEDs/each optic	1	
Light colour	White	45.
Required compone	ents:	800
		1000
		\times
		1220
		130° 135° 00° 135°
SAMSI	JNG	90*
LED	HiLOM RH16 (LH351C)	
FWHM / FWTM	Asymmetric	28
Efficiency	94 %	
Peak intensity	0.7 cd/lm	du ^s
LEDs/each optic	1	60
Light colour	White	47
Required compone	ents:	00
		1000
		1200
		23 ³ 0 ³ 23 ³
SAMSI	JNG	90°
LED	HiLOM RM12 Z (LH502C)	
FWHM / FWTM	Asymmetric	75
Efficiency	96 %	
Peak intensity	0.6 cd/lm	460
Peak intensity LEDs/each optic	0.6 cd/lm 1	
		50 60
LEDs/each optic	1 White	
LEDs/each optic Light colour	1 White	50 60 80 80
LEDs/each optic Light colour	1 White	
LEDs/each optic Light colour	1 White	
LEDs/each optic Light colour Required compone	1 White ents:	
LEDs/each optic Light colour	1 White ents:	
LEDs/each optic Light colour Required compone	1 White ents:	
LEDs/each optic Light colour Required compone	1 White ents:	
LEDs/each optic Light colour Required compone	1 White ents: JNG HiLOM RM16 Z (LH502C)	
LEDs/each optic Light colour Required compone SAMSI LED FWHM / FWTM Efficiency Peak intensity	1 White ents: JNG HiLOM RM16 Z (LH502C) Asymmetric	
LEDs/each optic Light colour Required compone SAMSI LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White ents: JNG HiLOM RM16 Z (LH502C) Asymmetric 98 %	
LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White ents: JNC HiLOM RM16 Z (LH502C) Asymmetric 98 % 0.6 cd/lm 1 White	
LEDs/each optic Light colour Required compone SAMSI LED FWHM / FWTM	1 White ents: JNC HiLOM RM16 Z (LH502C) Asymmetric 98 % 0.6 cd/lm 1 White	
LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White ents: JNC HiLOM RM16 Z (LH502C) Asymmetric 98 % 0.6 cd/lm 1 White	
LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White ents: JNC HiLOM RM16 Z (LH502C) Asymmetric 98 % 0.6 cd/lm 1 White	



SAMSI	UNG	90* 90
LED	HiLOM RM8 Z (LH502C)	
FWHM / FWTM	Asymmetric	75
Efficiency	97 %	
Peak intensity	0.6 cd/lm	65* 440
LEDs/each optic	1	
Light colour	White	45* 000
Required compone	ents:	\times
		**
		30*
SEOUL		22 ³ 0 ⁴ 12 ⁴
SEOUL SEMICONDUCTOR		90°
LED	Z5M3	
FWHM / FWTM	Asymmetric	73 * (200)
Efficiency	94 %	
Peak intensity	0.6 cd/lm	50 ⁻
LEDs/each optic	1	
Light colour	White	45* 000
Required compone	ents:	
		1000
		30*
SEOUL		12 ³ 0 ⁴ 12 ³
SEOUL SEMICONDUCTOR		90* P
LED	Z8Y22	
FWHM / FWTM	Asymmetric	72%
Efficiency	94 %	64
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	× ***
Light colour	White	45*
Required compone	ents:	
		2000
		1200 30* 12 ³ 0 ⁴ 13* 3
TRIDON		
	RLE 2x4 2000lm HP EXC2 OTD	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1 White	
Light colour Required compone		
Required compone	51115.	

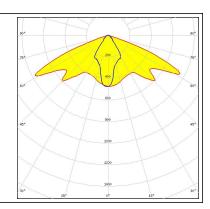


TRIDONIC

LED

FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:

RLE 2x8 4000lm HP EXC2 OTD Asymmetric 94 % 0.8 cd/lm 1 White





LED	J Series 5050 Round LES	90* 90*
FWHM / FWTM	Asymmetric	75°
Efficiency	93 %	
Peak intensity	95 /o 0.5 cd/lm	60*
LEDs/each optic	1	X / Terr
Light colour	' White	
Required components:		
		30* 1000 30* 30*
		50° 50°
LED	XP-G2 HE	
FWHM / FWTM	Asymmetric	75*
Efficiency	93 %	
Peak intensity	0.5 cd/lm	60° 60°.
LEDs/each optic	1	
Light colour	White	45* 45*
Required components:		600
		800
		30* 30*
	XP-G3	E00
	XP-G3 Asymmetric	······································
LED		E00
LED FWHM / FWTM	Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 74 % 0.5 cd/lm 1	50 0 0 0 0 0 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 74 % 0.5 cd/lm	500 400 500 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 74 % 0.5 cd/lm 1 White	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 74 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17580_STRADA-2>	Asymmetric 74 % 0.5 cd/lm 1 White K2-SHD-WHT	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 74 % 0.5 cd/lm 1 White K2-SHD-WHT	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17580_STRADA-2> Protective plate	Asymmetric 74 % 0.5 cd/lm 1 White K2-SHD-WHT	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17580_STRADA-2> Protective plate	Asymmetric 74 % 0.5 cd/lm 1 White (2-SHD-WHT e, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17580_STRADA-2> Protective plate	Asymmetric 74 % 0.5 cd/lm 1 White (2-SHD-WHT e, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17580_STRADA-2> Protective plate	Asymmetric 74 % 0.5 cd/lm 1 White (2-SHD-WHT e, glass XP-G3 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17580_STRADA-2> Protective plate CREE LED LED FWHM / FWTM Efficiency	Asymmetric 74 % 0.5 cd/lm 1 White K2-SHD-WHT e, glass XP-G3 Asymmetric 82 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17580_STRADA-22 Protective plate CREE LED LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 74 % 0.5 cd/lm 1 White X2-SHD-WHT e, glass XP-G3 Asymmetric 82 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17580_STRADA-2> Protective plate CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 74 % 0.5 cd/lm 1 White C2-SHD-WHT e, glass XP-G3 Asymmetric 82 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17580_STRADA-2> Protective plate CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 74 % 0.5 cd/lm 1 White X2-SHD-WHT e, glass XP-G3 Asymmetric 82 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17580_STRADA-2> Protective plate CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 74 % 0.5 cd/lm 1 White C2-SHD-WHT e, glass XP-G3 Asymmetric 82 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17580_STRADA-2> Protective plate CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 74 % 0.5 cd/lm 1 White C2-SHD-WHT e, glass XP-G3 Asymmetric 82 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17580_STRADA-2> Protective plate CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 74 % 0.5 cd/lm 1 White C2-SHD-WHT e, glass XP-G3 Asymmetric 82 % 0.4 cd/lm 1 White	



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LED	XP-L2	19 ⁵ 95 ⁻
FWHM / FWTM	Asymmetric	73°
Efficiency	84 %	200
Peak intensity	0.4 cd/lm	60* 601
LEDs/each optic	1	
Light colour	White	
Required components:		\times
		500
Protective plate	, glass	\times / \setminus \times
		800
		30° 15' 0° 15' 30°
		90° 90°
LED	XT-E	
FWHM / FWTM	Asymmetric	
Efficiency	93 %	.60 ⁴ 400 60 ³
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	600
Light colour	White	45* 45*
Required components:		000
		30* 120 30* 30*
	5	
LED	LUXEON 3030 2D (Square LES)	90* 90*
FWHM / FWTM	Asymmetric	75° 100 77°
Efficiency	88 %	
Peak intensity	0.4 cd/lm	604
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required components:		
		X
Protective plate	, glass	500
		30 ⁴ 15 ⁵ 0 ⁶ 15 ⁶ 30 ⁴
UMILED	IS In the second se	90* 90*
LED	LUXEON 3030 2D (Square LES)	
FWHM / FWTM	Asymmetric	75°
Efficiency	94 %	200
Peak intensity	0.4 cd/lm	60* 60*
LEDs/each optic	1	400
Light colour	White	45*
Required components:		\times
		600
1		
		X X



UMILEC	DS	90° 90°
LED	LUXEON 5050 Round LES	
FWHM / FWTM	Asymmetric	200
Efficiency	84 %	60*
Peak intensity	0.5 cd/lm	440
LEDs/each optic	1	\times
Light colour	White	45'
Required components:		000
Protective plate	e, glass	
		30* 30*
)S	109 129 07 127
LED	LUXEON 5050 Square LES	299
FWHM / FWTM	Asymmetric	399
Efficiency	94 %	289
LEDs/each optic	1	200
Light colour	White	10
Required components:		
		100 -
		-116.4" -112.4" -46.4" -45.4" -22.4" 6.4" 22.4" 66.4" 67.5" 66.4" 112.4" 116.6
	DS	90°
LED	LUXEON 5050 Square LES	
FWHM / FWTM	Asymmetric	750 700
Efficiency	84 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour		
	White	.65°
Required components:	White	ar 60
Required components:		6° 6°
		6° 6°
Required components:		20- 20- 20- 20- 20- 20- 20- 20- 20- 20-
Required components: Protective plate	a, glass	20 00 00 00 00 00 00 00 00 00 00 00 00 0
Required components: Protective plate Model LUMILEE	e, glass	20° 000 00°
Required components: Protective plate LUMILEE LED	a, glass	
Required components: Protective plate Component Protective plate Description Protective plate Protective pla	e, glass	60 00 00 00 00 00 00 00 00 00
Required components: Protective plate Components Protective plate Protective plate Protective plate FWHM / FWTM Efficiency	a, glass DS LUXEON V2 Asymmetric	
Required components: Protective plate Protective plate Protecti	e, glass DS LUXEON V2 Asymmetric 94 %	
Required components: Protective plate Protective plate Protective plate Protective plate Protective plate Protective plate LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	e, glass S LUXEON V2 Asymmetric 94 % 0.5 cd/lm	
Required components: Protective plate	e, glass S LUXEON V2 Asymmetric 94 % 0.5 cd/lm 1	
Required components: Protective plate Protective plate Protective plate Protective plate Protective plate Protective plate LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	e, glass S LUXEON V2 Asymmetric 94 % 0.5 cd/lm 1	
Required components: Protective plate Protective plate Protective plate Protective plate Protective plate Protective plate LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	e, glass S LUXEON V2 Asymmetric 94 % 0.5 cd/lm 1	



MST Your solutions			1
		90*	
	RecLED 122x50mm 1900lm 730 2x4 Opt G1	750	
FWHM / FWTM	Asymmetric		>
Efficiency	88 %	.60*	5
Peak intensity	0.5 cd/lm		٢.
LEDs/each optic	1		
Light colour	White	45*	
Required components:		600	
Protective plate	e, glass		
		000	
		30 * 13 ⁵ 0 ⁶ 15*	_/
ΜΝΙCΗΙΛ		90*	1
LED	NFMW48xA		
FWHM / FWTM	Asymmetric	73	
Efficiency	99 %		X
Peak intensity	0.6 cd/lm	50°	
LEDs/each optic	1		
Light colour	White	43* 640	
Required components:			
		80	
		\times	
		1000	
- (200 135 00 138.	
ΜΝΙCΗΙΛ		20.	T.
LED	NV4WB35AM		
FWHM / FWTM	Asymmetric	73%	
Efficiency	94 %		
Peak intensity		50°	
	0.6 cd/lm	X / Tome \	
LEDs/each optic	0.6 cd/lm 1		
		40"	
LEDs/each optic Light colour Required components:	1	5° 20	
Light colour	1	-5°	
Light colour	1		
Light colour	1	40 40 50 500 500 500 500 500 500	
Light colour Required components:	1		
Light colour	1	5° 200 30° 300 30° 40° 30°	
Light colour Required components:	1		
Light colour Required components:	1 White	754	
Light colour Required components:	1 White NVSW3x9A		
Light colour Required components:	1 White NVSW3x9A Asymmetric	20 6 ¹	
Light colour Required components:	1 White NVSW3x9A Asymmetric 86 %	754	
Light colour Required components:	1 White NVSW3x9A Asymmetric 86 % 0.5 cd/lm	20 6 ¹	
Light colour Required components:	1 White NVSW3x9A Asymmetric 86 % 0.5 cd/lm 1	20 6 ¹	
Light colour Required components: NICHIN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	1 White NVSW3x9A Asymmetric 86 % 0.5 cd/lm 1 White	20 6 ¹	
Light colour Required components:	1 White NVSW3x9A Asymmetric 86 % 0.5 cd/lm 1 White	20 6 ¹	
Light colour Required components: NICHIN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	1 White NVSW3x9A Asymmetric 86 % 0.5 cd/lm 1 White	20 6 ¹	



ΜΝΙCΗΙΛ		
LED	NVSW519A	90° 90°
FWHM / FWTM	146.0 + 70.0° / 156.0 + 105.0°	750 780
Efficiency	91 %	
Peak intensity	0.5 cd/lm	614 664
LEDs/each optic	1	400
Light colour	White	
Required components:		500
		\times
		000
		30* 15 ⁵ 10 ⁸⁰ 15 ⁴ 30*
ΜΝΙCΗΙΛ		90* 90*
LED	NVSxE21A	
FWHM / FWTM	132.0 + 63.0° / 150.0 + 106.0°	
Efficiency	83 %	
Peak intensity	0.5 cd/lm	60-
LEDs/each optic	4	460
Light colour	White	45° 53'
Required components:		00
Protective plate		
	, 903	
		30* 15 ⁵ 0° 15* 30 ⁴
Μ ΝΙCΗΙΛ		
LED	NVSxx19B/NVSxx19C	
FWHM / FWTM		
	Asymmetric	73* { 200 } 73*
Efficiency	Asymmetric 88 %	75 200 75
Efficiency Peak intensity	88 %	20 Jan 19
Peak intensity		
Peak intensity LEDs/each optic	88 % 0.7 cd/lm	
Peak intensity LEDs/each optic Light colour	88 % 0.7 cd/lm 1	45° 00 45°
Peak intensity LEDs/each optic	88 % 0.7 cd/lm 1	23 00 00 00 00 00 00 00 00 00 0
Peak intensity LEDs/each optic Light colour	88 % 0.7 cd/lm 1	23
Peak intensity LEDs/each optic Light colour	88 % 0.7 cd/lm 1	
Peak intensity LEDs/each optic Light colour Required components:	88 % 0.7 cd/lm 1	23 23 25 20 20 20 20 20 20 20 20 20 20
Peak intensity LEDs/each optic Light colour Required components:	88 % 0.7 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour Required components:	88 % 0.7 cd/lm 1 White Duris S8	129 ³ 0 ⁴ 12 ⁴
Peak intensity LEDs/each optic Light colour Required components: OBSRAM Opto Semiconductors LED FWHM / FWTM	88 % 0.7 cd/lm 1 White Duris S8 Asymmetric	99° 99°
Peak intensity LEDs/each optic Light colour Required components: OPD Semiconductors LED FWHM / FWTM Efficiency	88 % 0.7 cd/lm 1 White Duris S8 Asymmetric 84 %	22 ¹ 0 ¹ 12 ¹
Peak intensity LEDs/each optic Light colour Required components:	88 % 0.7 cd/lm 1 White Duris S8 Asymmetric 84 % 0.5 cd/lm	200 - 200 -
Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	88 % 0.7 cd/lm 1 White Duris S8 Asymmetric 84 % 0.5 cd/lm 1	20 ¹ 0 ¹ 13 ¹ 90 ¹ 73 ⁵ 60 ⁴ 60 60
Peak intensity LEDs/each optic Light colour Required components:	88 % 0.7 cd/lm 1 White Duris S8 Asymmetric 84 % 0.5 cd/lm	200 50°
Peak intensity LEDs/each optic Light colour Required components:	88 % 0.7 cd/lm 1 White Duris S8 Asymmetric 84 % 0.5 cd/lm 1	200 60 60 10 10 10 10 10 10 10 10 10 1
Peak intensity LEDs/each optic Light colour Required components:	88 % 0.7 cd/lm 1 White Duris S8 Asymmetric 84 % 0.5 cd/lm 1 White	200 60 60 10 10 10 10 10 10 10 10 10 1
Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	88 % 0.7 cd/lm 1 White Duris S8 Asymmetric 84 % 0.5 cd/lm 1 White	200 60 60 10 10 10 10 10 10 10 10 10 1



OSRAM Opto Semiconductors	
	90 ⁴ 99 ⁵
LED OSCONIQ P 3737 (3W version) FWHM / FWTM Asymmetric	70 10
Efficiency 93 %	61× 614
Peak intensity 0.6 cd/lm	
LEDs/each optic 1	
Light colour White	42. 24.
Required components:	800
	\times \land \land \times
	1000
	30* 30*
OSRAM	
Opto Semiconductors	50° 50°
LED OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM Asymmetric	
Efficiency 94 %	
Peak intensity 0.7 cd/lm	
LEDs/each optic 1	
Light colour White	47 000 37
Required components:	\times \wedge \times
	1000
0000444	192 e 197
OSRAM Opto Semiconductors	90° 90°
LED OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM Asymmetric	70 70
FWHM / FWTMAsymmetricEfficiency85 %	200 200 50°
FWHM / FWTMAsymmetricEfficiency85 %Peak intensity0.5 cd/lm	50 ⁴ 200 50 ⁴
FWHM / FWTMAsymmetricEfficiency85 %Peak intensity0.5 cd/lmLEDs/each optic1	
FWHM / FWTMAsymmetricEfficiency85 %Peak intensity0.5 cd/lmLEDs/each optic1Light colourWhite	
FWHM / FWTMAsymmetricEfficiency85 %Peak intensity0.5 cd/lmLEDs/each optic1Light colourWhiteRequired components:	
FWHM / FWTMAsymmetricEfficiency85 %Peak intensity0.5 cd/lmLEDs/each optic1Light colourWhite	
FWHM / FWTMAsymmetricEfficiency85 %Peak intensity0.5 cd/lmLEDs/each optic1Light colourWhiteRequired components:	
FWHM / FWTMAsymmetricEfficiency85 %Peak intensity0.5 cd/lmLEDs/each optic1Light colourWhiteRequired components:Protective plate glass	
FWHM / FWTMAsymmetricEfficiency85 %Peak intensity0.5 cd/lmLEDs/each optic1Light colourWhiteRequired components:	
FWHM / FWTMAsymmetricEfficiency85 %Peak intensity0.5 cd/lmLEDs/each optic1Light colourWhiteRequired components:Protective plate glass	
FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Protective plats	
FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:	
FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component in the image: Co	
FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component in the image: Co	
FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Components Protective plate, glass OSSRAM Cossemendation 140.0 + 35.0° Efficiency 84 % LEDs/each optic 1 Light colour 140.0 + 35.0°	
FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component in the image: Co	
FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Vente Protective plate, glass OSECON Vente OSLON Square CSSRM2/CSSRM3 FWHM / FWTM 140.0 + 35.0° Efficiency 84 % LEDs/each optic 1 Light colour White Required components: Vente	
FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component in the image: Co	



PHILIPS		907 907
LED	Fortimo FastFlex LED 2x8 DA G4+	
FWHM / FWTM	Asymmetric	75° 100 75°
Efficiency	62 %	
Peak intensity	0.4 cd/lm	604 604
LEDs/each optic	1	
Light colour	White	
Required components:	Wille	45 45
C17677_STRADA-2		\times / \times
CITOTT_STRADA-2/		500
Protective plate	e, glass	20° <u>600</u> 20° 20°
PHILIPS		90° 700 90°
LED	Fortimo FastFlex LED 2x8 DA G4+	
FWHM / FWTM	Asymmetric	75°
Efficiency	67 %	7 200
Peak intensity	0.5 cd/lm	60%
LEDs/each optic	1	
Light colour	White	45" 45"
Required components:		
C17677_STRADA-2	(2-SHD-BLK	600
Protective plate	e, glass	30* 80 30*
PHILIPS		
PHILIPS		90 ¹ 90 ²
LED	Fortimo FastFlex LED 2x8 DAX G4	90°
LED FWHM / FWTM	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric	9°
LED FWHM / FWTM Efficiency	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 %	200 Dr 200 Dr 200 Dr
LED FWHM / FWTM Efficiency Peak intensity	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm	200 - 200 200 - 200 604 - 604
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1	500 500 500 500 500 500 500 500 500 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm	51 ⁴ 50 50 ⁴ 60 60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1	91 ⁴ 92 ⁴ 92 ⁴ 90 90 90 90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1 White G LH351B Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1 White I H351B Asymmetric 94 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SANNSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1 White I H351B Asymmetric 94 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1 White I H351B Asymmetric 94 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SANNSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1 White I H351B Asymmetric 94 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1 White I H351B Asymmetric 94 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1 White I H351B Asymmetric 94 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SANNSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 93 % 0.5 cd/lm 1 White I H351B Asymmetric 94 % 0.6 cd/lm 1	



SAMSUN	16	90*
LED	LH351B	
FWHM / FWTM	Asymmetric	75°
Efficiency	85 %	
Peak intensity	0.5 cd/lm	.60°
LEDs/each optic	1	400
Light colour	White	45*
Required components:		600
Protective plate	a, glass	00
		30° 15°
SEOUL		90*
LED	MJT 5050	
FWHM / FWTM	Asymmetric	75*
Efficiency	92 %	
Peak intensity	0.6 cd/lm	507
LEDs/each optic	1	\times
Light colour	White	45°
Required components:		600
		800
		30° 13 ⁵ 1000 15°
		90*
LED	Z5M3	
FWHM / FWTM	Asymmetric	750
Efficiency	86 %	
Peak intensity		50*
	0.5 cd/lm	
	0.5 ca/im 1	4/0
LEDs/each optic		40
LEDs/each optic Light colour Required components:	1	X/T
LEDs/each optic Light colour Required components:	1 White	X/T
LEDs/each optic Light colour	1 White	X/T
LEDs/each optic Light colour Required components:	1 White	X/T
LEDs/each optic Light colour Required components:	1 White	X/T
LEDs/each optic Light colour Required components: Protective plate	1 White e, glass	X/T
LEDs/each optic Light colour Required components: Protective plate seoul semiconductor LED	1 White e, glass Z8Y22	X/T
LEDs/each optic Light colour Required components: Protective plate seous semiconductor LED FWHM / FWTM	1 White e, glass Z8Y22 Asymmetric	X/T
LEDs/each optic Light colour Required components: Protective plate seous semiconductor LED FWHM / FWTM Efficiency	1 White e, glass Z8Y22 Asymmetric 81 %	6° 60 90 90 90 90 90 90 90 90 90 90 90 90 90
LEDs/each optic Light colour Required components: Protective plate seous semiconductor LED FWHM / FWTM Efficiency Peak intensity	1 White e, glass Z8Y22 Asymmetric 81 % 0.6 cd/lm	X/T
LEDs/each optic Light colour Required components: Protective plate SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White e, glass Z8Y22 Asymmetric 81 % 0.6 cd/lm 1	6° 60 90 90 90 90 90 90 90 90 90 90 90 90 90
LEDs/each optic Light colour Required components: Protective plate second semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White e, glass Z8Y22 Asymmetric 81 % 0.6 cd/lm	6° 60 90 90 90 90 90 90 90 90 90 90 90 90 90
LEDs/each optic Light colour Required components: Protective plate	1 White e, glass Z8Y22 Asymmetric 81 % 0.6 cd/lm 1	6° 60 90 90 90 90 90 90 90 90 90 90 90 90 90
LEDs/each optic Light colour Required components: Protective plate stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	1 White e, glass Z8Y22 Asymmetric 81 % 0.6 cd/lm 1 White	6° 60 90 90 90 90 90 90 90 90 90 90 90 90 90
LEDs/each optic Light colour Required components: Protective plate SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White e, glass Z8Y22 Asymmetric 81 % 0.6 cd/lm 1 White	6° 60 90 90 90 90 90 90 90 90 90 90 90 90 90



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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