

PRODUCT DATASHEET CS15761_STRADA-2X2MX-8-SCL

STRADA-2X2MX-8-SCL

Type II/III (Long) beam for very wide pole to pole distances. Ideal for pedestrian walkways and residential roads. EN13201 P-classes. New revision.

SPECIFICATION:

Dimensions	90.0 x 90.0 mm
Height	13.2 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈



MATERIALS:

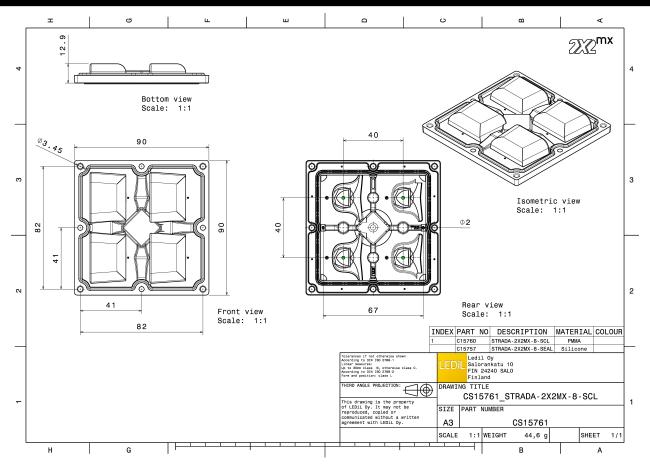
Component	Туре	Material	Colour	Finish
STRADA-2X2MX-8-SCL	Multi-lens	PMMA	clear	
STRADA-2X2MX-8-SEAL	Seal	Silicone	clear	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS15761_STRADA-2X2MX-8-SCL	Multi-lens	156	52	52	7.9
» Box size: 480 x 280 x 300 mm					



PRODUCT DATASHEET CS15761_STRADA-2X2MX-8-SCL



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



		90° 90°
LED	CXA/B 15xx	
FWHM / FWTM	Asymmetric	75* 100 75
Efficiency	93 %	
Peak intensity	0.5 cd/lm	60° 10
LEDs/each optic	1	
Light colour	White	-65°
Required compone	nts:	400
Bender Wirth: 44	1 Typ 2x2MX HV	
		500 X
		600
		30° 15° 0° 15° 30°
		90*
LED	XHP50.2	
FWHM / FWTM	Asymmetric	75* 22
Efficiency	94 %	
Peak intensity	0.8 cd/lm	50° 400 50°
LEDs/each optic	1	
Light colour	White	42° 600 63
Required compone	nts:	
		\times / \top \times
		30° <u>1000</u> 15° 30°
		90° 90'
LED	XHP70.2	2
FWHM / FWTM	Asymmetric	73°
Efficiency	94 %	
Peak intensity	0.5 cd/lm	50° 300 60°
LEDs/each optic	1	400
Light colour	White	42° 200 63'
Required compone	nts:	
		700
		20° 800 30°
		15 ⁰ 0 ⁰ 15 ⁰
	1	90* 90*
LED	XT-E HE	1
FWHM / FWTM	Asymmetric	75* 75*
Efficiency	94 %	XX
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	400 400 e5
Required compone		×
		700
		30* 15 ⁵ 8% 15* 30*



LUMIL	EDS	
LED	LUXEON M/MX	× · · · · · · · · · · · · · · · · · · ·
FWHM / FWTM	Asymmetric	20
Efficiency	94 %	
Peak intensity	0.8 cd/lm	60%
		400
LEDs/each optic	1	$\vee \times / \wedge \times \vee$
Light colour	White	45* 600 45*
Required componer	IS:	
		300
		20° 1000
	EDS	
		90° 90°
LED	LUXEON XR-7070 (L224-xxxx004MLU010)	
FWHM / FWTM	Asymmetric	73°
Efficiency	95 %	
Peak intensity	0.7 cd/lm	400
LEDs/each optic	1	$X / T \setminus X$
Light colour	White	45* 45*
Required componer	its:	600
		\times
		80
		30° 15° 0° 15° 30°
SAMSU	ING	
LED	HiLOM SC16 (LH181B)	
FWHM / FWTM	Asymmetric	739 100 780
Efficiency	94 %	
Peak intensity	0.7 cd/lm	60 ⁶ 300 60*
LEDs/each optic	1	400
Light colour	White	
Required componer		NO 10

		30° 25° 30° 30°
SCIO		TY FT
		90° 90°
	PAL-LK-4950-740-48	750
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.8 cd/lm	400
LEDs/each optic	1	
Light colour	White	43° 000 43°
Required componer	IIS:	$ \times / \setminus \times$
		000
		\times / \times X
		30° 1000 30°
		15 ⁵ 0 ⁶ 15 ⁶



SCIO	IUX	
LED	XLE-S22C4XD16 (XD16)	90° 90°
FWHM / FWTM	Asymmetric	750 770 780
Efficiency	94 %	
Peak intensity	94 % 1 cd/lm	. 50° 400 60°.
-		
LEDs/each optic	4	X 600 X
Light colour	White	,45* 45 [*] .
Required component	11S:	80
		1000
		30° 15° 30°
SCIO		
23010		90° 90°
LED	XLE-S22C4XTEHE (XT-E HE)	100
FWHM / FWTM	Asymmetric	75°
Efficiency	94 %	
Peak intensity	0.6 cd/lm	X X X
LEDs/each optic	1	X X 400 X X
Light colour	White	45°
Required compone	nts:	× 100
		60
		700
		30* 3 ² 20 30*
25010		12 ⁵ 800 12 ⁵
SCIO		12 ⁻ 90 13 ⁻
LED	XLE-S22XHP50B (XHP50.2)	127 (0) 137 997
LED FWHM / FWTM	XLE-S22XHP50B (XHP50.2) Asymmetric	
LED FWHM / FWTM Efficiency	XLE-S22XHP50B (XHP50.2) Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component seoul semiconductor	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/m 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component second semiconductor LED	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/m 1 White Its:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component second semiconductor LED FWHM / FWTM	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm 1 White Ints:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component second semiconductor LED FWHM / FWTM Efficiency	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm 1 White hts: WICOP 5050 Asymmetric 95 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm 1 White hts: WICOP 5050 Asymmetric 95 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm 1 White nts: WICOP 5050 Asymmetric 95 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component storus semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm 1 White hts: WICOP 5050 Asymmetric 95 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm 1 White hts: WICOP 5050 Asymmetric 95 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component storus semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm 1 White hts: WICOP 5050 Asymmetric 95 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component storus semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm 1 White hts: WICOP 5050 Asymmetric 95 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component storus semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XLE-S22XHP50B (XHP50.2) Asymmetric 94 % 0.8 cd/lm 1 White hts: WICOP 5050 Asymmetric 95 % 0.8 cd/lm 1 White	



SEOUL SEOUL SEMICONDUCTOR			90°
LED	Z8Y22		
FWHM / FWTM	Asymmetric		70 70 70
Efficiency	94 %		
Peak intensity	0.7 cd/lm		
LEDs/each optic	4		40
Light colour	White		at 500 at
Required compone	ents:		800
			70
			80
			30° 15° 80° 15° 30°



bridgelux.		
	Deidecher OND FOFO	90* 90*
	Bridgelux SMD 5050	75°
FWHM / FWTM	Asymmetric	
Efficiency	92 %	50 ⁴ 400 50 ⁴
Peak intensity	0.7 cd/lm	(X/(T)X)
LEDs/each optic	1	X
Light colour	White	45* 45*
Required components:		800
		X X
		1000
		30* 30*
OTTICTN		19
CITIZEN		90* 90*
LED	CLU700/701/702/703	
FWHM / FWTM	Asymmetric	75 75
Efficiency	89 %	
Peak intensity	0.6 cd/lm	60°
LEDs/each optic	1	
Light colour	White	-6°
Required components:		
Bender Wirth: 434 Ty	p 2x2MX HV	\times / \times
		\times / \times
		130° 15 ³ 0° 15° 30°
		90* 90*
	CMA1303	90* 90*
LED	CMA1303 Asymmetric	9°
LED FWHM / FWTM	Asymmetric	97 97 97 730 70 70 70 70 70 70 70 70 70 70 70 70 70
LED FWHM / FWTM Efficiency	Asymmetric 93 %	9° 9° 73 9° 6° 90 6°
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 93 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.7 cd/lm	5° 00 6° 5° 00 6°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.7 cd/lm 1 White	9° 73° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 488 Ty	Asymmetric 93 % 0.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 488 Ty	Asymmetric 93 % 0.7 cd/lm 1 White p L4 HV	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 488 Ty	Asymmetric 93 % 0.7 cd/lm 1 White p L4 HV XHP70.2	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 488 Ty	Asymmetric 93 % 0.7 cd/m 1 White p L4 HV XHP70.2 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 488 Ty CREE LED LED FWHM / FWTM Efficiency	Asymmetric 93 % 0.7 cd/lm 1 White p L4 HV XHP70.2 Asymmetric 78 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 488 Ty CREE LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 93 % 0.7 cd/lm 1 White p L4 HV XHP70.2 Asymmetric 78 % 0.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 488 Ty CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.7 cd/lm 1 White p L4 HV XHP70.2 Asymmetric 78 % 0.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 488 Ty CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.7 cd/lm 1 White p L4 HV XHP70.2 Asymmetric 78 % 0.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 488 Ty CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.7 cd/lm 1 White p L4 HV XHP70.2 Asymmetric 78 % 0.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 488 Ty CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.7 cd/lm 1 White p L4 HV XHP70.2 Asymmetric 78 % 0.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 488 Ty CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 93 % 0.7 cd/lm 1 White p L4 HV XHP70.2 Asymmetric 78 % 0.3 cd/lm 1 White	



FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Colour of the symmetric of t			
LED XH770.3 HD FWHM / FWTM Asymmetric Efficiency 90% Peak intensity 0.6 colfm LEDWeach optic 1 Light colour White Required components:			
FWHM / FWTM Asymmetric Efficiency 90 % Pack intensity 0.6 col/m LED2eech optic 1 Light colour While Required components: Image: Components: Image: Componen			90° 90°
Efficiency 90 % Peak intensity 0.6 od/m LEDeeach option 1 Light colour White Required components: LED LLXEON 5050 Round LES FWHM / FVTTM Asymmetric Efficiency 2.5 % Peak intensity 0.8 od/m LEDWeak option 1 LEDWeak intensity 0.8 od/m EEDWeak option 1 Light colour White Required components: WINCHIN EED NE2x7570 FWHM / FVTTM Asymmetric EFficiency 93 % Peak intensity 0.6 od/m LEDWeak option 1 Light colour White Required components: WINCHIN EED NE2x7570 FWHM / FVTTM Asymmetric EFficiency 93 % Peak intensity 0.6 od/m LEDWeak option 4 LEDWeak option 4			730 - 750
Peak intensity 0.6 cd/m LED3/each optic 1 LED3/each optic 2 ED LUXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.8 cd/m LED3/each optic 1 Light colour White Required components: ED LUXEON 7070 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.6 cd/m LED3/each optic 1 Light colour White Required components: EED LUXEON 7070 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.6 cd/m LED3/each optic 1 Light colour White Required components: EFFICIENC EED NF2x757G FWHM / FWTM Asymmetric EFficiency 93 % Peak intensity 0.6 cd/m LED3/each optic 1 Light colour White Required components: EFFICIENC LED NF2x757G FWHM / FWTM Asymmetric EFficiency 93 % Peak intensity 0.6 cd/m LED3/each optic 4 LED3/each optic 4 LED3/eac		-	
LEDsteach optic 1 Light colour While Required components: LED LUXEON 5050 Round LES FWHM /FVTTM Asymmetric Efficiency 92 % Peak intensity 0.8 cd/m LEDsteach optic 1 LEDsteach optic 4 Light colour While Required components: FVHM /FVTM Asymmetric Efficiency 92 % Peak intensity 0.8 cd/m LEDsteach optic 1 Light colour While Required components: FVENCENCE LED NE227576 FVMH /FVTM Asymmetric Efficiency 93 % Peak intensity 0.6 cd/m LEDsteach optic 4 LEDsteach optic 4	-		604 601
Light colour White Required componentis:			
Required components:			$X \times \square X X$
LUXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.8 cd/m LED LUXEON 7070 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.8 cd/m Light colour White Required components: Peak intensity 0.6 cd/m LED LUXEON 7070 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.6 cd/m LIBO LUXEON 7070 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.6 cd/m LIght colour White Required components: ED Maymmetric Elbolaced, optic 1 Light colour White Required components: ED <		White	45* 500 45*
Image: Constraint of the symmetric of the s	Required components:		600
Image: Constraint of the symmetric of the s			700
Image: Constraint of the symmetric of the s			
Image: Constraint of the symmetric of the s			30* 30*
LED LUXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 92% Peak intensity 0.8 cd/m LEDs/each optic 1 Light colour White Required components: ED LUXEON 7070 FWHM / FWTM Asymmetric Efficiency 92% Peak intensity 0.6 cd/m LEDs/each optic 1 Light colour White Required components:	A		15 ² 0 ⁸ 15 ⁴
FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.8 cd/m LEbyleschopic 1 Light colour White Required components:		DS	90* 90*
Efficiency 92 % Peak intensity 0.8 cd/m LEDs/each optic 1 Liph colour White Required components:	LED	LUXEON 5050 Round LES	
Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components: ED LUXEON 7070 FWHM / FWTM Asymmetric Efficiency 92% Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: ED NF2x757G FWHM / FWTM Asymmetric Efficiency 33% Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: Efficiency 33% Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White	FWHM / FWTM	Asymmetric	735
LEDs/each optic 1 Light colour White Required components: LED LUXEON 7070 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: LED NF2757G FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: LED NF2757G FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White	Efficiency	92 %	400
Light colour White Required components: Required components: Image: Component State	Peak intensity	0.8 cd/lm	50°
Required components: Image: Components: Image: Compo	LEDs/each optic	1	
Image: Construction of the system of the	Light colour	White	45° 45'
LUMILEDS LED LUXEON 7070 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component State St	Required components:		800
LUMILEDS LED LUXEON 7070 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component State St			1000
LUMILEDS LED LUXEON 7070 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component State St			
LED LUXEON 7070 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: Vinite FWHM / FWTM Asymmetric Efficiency 93 % Peak Intensity 0.6 cd/lm LED NF2x757G FWHM / FWTM Asymmetric Efficiency 93 % Peak Intensity 0.6 cd/lm LEDs/each optic 4 Light colour White			1200
LED LUXEON 7070 FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: Vinite FWHM / FWTM Asymmetric Efficiency 93 % Peak Intensity 0.6 cd/lm LED NF2x757G FWHM / FWTM Asymmetric Efficiency 93 % Peak Intensity 0.6 cd/lm LEDs/each optic 4 Light colour White			³⁰ 13 ⁵ 0 ⁶ 15 ⁸ ³⁰
FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:)S	90° 90°
FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:	LED	LUXEON 7070	
Efficiency 92 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:	FWHM / FWTM		73°
Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component State S	Efficiency		
LEDs/each optic 1 Light colour White Required components: Image: Component State Sta	Peak intensity	0.6 cd/lm	- 60 ⁴ - 60 ⁴
Light colour White Required components: Image: Components: <th></th> <th>1</th> <th></th>		1	
IED NF2x757G FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White	Light colour	White	6° 6*
LED NF2x757G FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White	Required components:		600
LED NF2x757G FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White			\times
LEDNF2x757GFWHM / FWTMAsymmetricEfficiency93 %Peak intensity0.6 cd/lmLEDs/each optic4Light colourWhite			800
LED NF2x757G FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White			
LED NF2x757G FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White			²⁰ 13 ⁵ 19 ⁵ 0 19 ⁴
LED NF2x757G FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White	Μ ΝΙCΗΙΛ		80* 80*
FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White	LED	NF2x757G	
Efficiency 93 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White			no the second se
Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White			
LEDs/each optic 4 Light colour White			60° 60°
Light colour White			400
			45* 540 45*
200 100 100 100 100 100 100 100			
900 33° <u>25</u> ° 00° <u>15</u> ° 33°	riequired compensation		
30 ⁴ 29 ⁰ 20 ⁴ 20 ⁴			70
			70



ΜΝΙCΗΙΛ		90*
LED	NFMW48xA	
FWHM / FWTM	Asymmetric	750 770 770
Efficiency	92 %	
Peak intensity	0.7 cd/lm	50% 400 60
LEDs/each optic	1	
Light colour	White	5° 60 65
Required components:	Wine	
required compendine.		00
		1000
		X/T/X
		30* 15 ⁵ 1930 15* 30*
ΜΝΙCΗΙΛ		MA FH
LED	NV4WB35AM	90* 90*
FWHM / FWTM	Asymmetric	75° 7° 7° 7°
Efficiency	92 %	
Peak intensity	0.7 cd/lm	.53 ⁴ 400 80*
LEDs/each optic	1	60
Light colour	White	
Required components:	winte	80
Required components.		1000
		1200
		30* <u>13</u> ° <u>13</u> ° 30*
ΜΝΙCΗΙΛ		
LED	NN / 4 / 4 / 4	90* 90*
FWHM / FWTM	NV4x144A	730 780
Efficiency	Asymmetric 91 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	400
Light colour	White	
Required components:	Wille	
Required components.		
		800
		\times / \land λ
		30* 15 ² 0 ⁸ 15 ⁶ 30 ⁴
Μ ΝΙCΗΙΛ		TY FT
	NVSxE21A	90* 90*
FWHM / FWTM	Asymmetric	
Efficiency	92 %	50 ⁴ 50 ⁴
Peak intensity LEDs/each optic	0.7 cd/lm 4	\times
	4 White	
Light colour Required components:	wine	45°
required components.		
1		
		00
		00



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Μ ΝΙCΗΙΛ		90* A A A A A A A A A A A A A A A A A A A
LED	NVSxE21A	
FWHM / FWTM	Asymmetric	75%
Efficiency	93 %	
Peak intensity	0.5 cd/lm	60* 60*
LEDs/each optic	9	300
Light colour	White	400
Required components:	wille	-45"
Required components.		
		600
		700
		30* 13 ² 0 ⁶ 15* 30*
OSRAM Opto Semiconductors		901 901
LED	Duris S8	
FWHM / FWTM	Asymmetric	734
Efficiency	92 %	X/X/N
Peak intensity	0.7 cd/lm	50% 400 50*
LEDs/each optic	1	\times \times / \times \times
Light colour	White	45* 210
Required components:		
noqui ou componentei		200
		30* 15 ⁵ 19 ⁵ ₂₀ 15* 30*
OSRAM Opto Semiconductors		
LED	OSCONIQ C 2424	
FWHM / FWTM	Asymmetric	73
Efficiency	93 %	
Peak intensity	0.7 cd/lm	60 ⁴ 60 ⁴
LEDs/each optic		
LEDs/each optic Light colour	4	
Light colour		40' 000 40'
	4	67 20 57
Light colour	4	6° 00 6'
Light colour	4	67 200 CT
Light colour	4	5° 60 67 55 50
Light colour Required components:	4 White	67 00 57 80 30 10 30 30 30 30 30 30 30 30 30 30 30 30 30
Light colour Required components:	4 White	50°
Light colour Required components: SAMSUN LED	4 White G LH181B	20 20 20 20 20 20 20 20 20 20
Light colour Required components: SAMSUN LED FWHM / FWTM	4 White G LH181B Asymmetric	80° 10° 10° 10° 10° 10° 10° 10° 1
Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency	4 White G LH181B Asymmetric 92 %	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity	4 White G LH181B Asymmetric 92 % 0.8 cd/m	21
Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	4 White G LH181B Asymmetric 92 % 0.8 cd/lm 1	200 200 200 200 200 200 200 200
Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	4 White G LH181B Asymmetric 92 % 0.8 cd/m	80° 20° 20° 20° 20° 20° 20° 20° 2
Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	4 White G LH181B Asymmetric 92 % 0.8 cd/lm 1	
Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	4 White G LH181B Asymmetric 92 % 0.8 cd/lm 1	
Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	4 White G LH181B Asymmetric 92 % 0.8 cd/lm 1	



SEOUL SEMICONDUCTOR		
LED	Z8Y19	
FWHM / FWTM	Asymmetric	
Efficiency	91 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	4	
Light colour	White	a;
Required component	s:	80
		1090
		1200
		20 ⁴ 25 ⁵ 0 ⁴ 25 ⁵



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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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LEDiL Oy

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