

STRADA-2X2MXS-DWC2

Universal road lighting beam with excellent mixed illuminance and luminance uniformity. Typically IESNA Type II Medium.

TECHNICAL SPECIFICATIONS:

Dimensions	90.0 x 90.0 mm
Height	14.4 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈



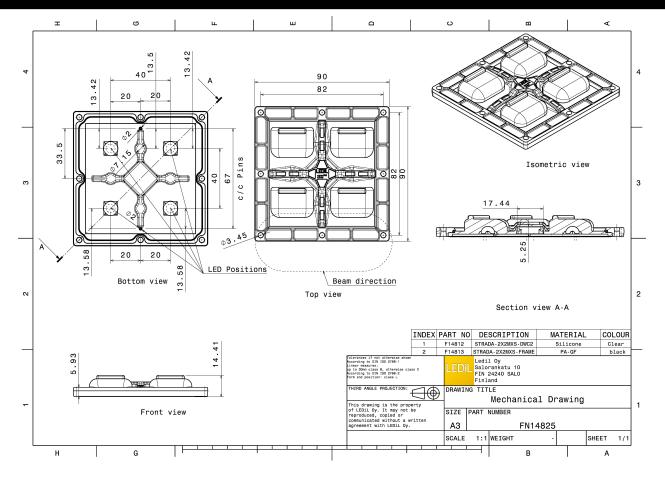
MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
STRADA-2X2MXS-DWC2	Multi-lens	Silicone	clear	
STRADA-2X2MXS-FRAME	Holder	PA66	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP14825_STRADA-2X2MXS-DWC2	Multi-lens	216	24	12	11.3
» Box size: 398 x 298 x 265 mm					





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



		••• ••
LED	CXA/B 15xx	
FWHM / FWTM	Asymmetric	- 129
Efficiency	91 %	200
Peak intensity	0.5 cd/lm	20
LEDs/each optic	1	20
Light colour	White	159
Required componer		
Bender Wirth: 44		
		-118.4" -112.4" -91.4" -49.4" -49.4" -22.8" 6.6" 22.8" 68.4" 67.8" 96.6" 112.8" 118.6
		50* 50*
LED	XHP35 HD	9
FWHM / FWTM	Asymmetric	738 000 730
Efficiency	92 %	
Peak intensity	0.7 cd/lm	60 ⁴ 601
LEDs/each optic	1	
Light colour	White	as- 000 ast
Required componer	its:	
		500
		\times / T / X
		30 ⁴ 30 ⁴ 30 ⁴
		90*
	ХНР35 НІ	8. 8.
LED FWHM / FWTM		90* 78* 00 00 78*
LED FWHM / FWTM	XHP35 HI	90°
LED FWHM / FWTM Efficiency	XHP35 HI Asymmetric 92 %	90°
LED FWHM / FWTM Efficiency Peak intensity	XHP35 HI Asymmetric	90° 73° 60° 60° 60° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XHP35 HI Asymmetric 92 % 0.6 cd/lm	90° 90° 73° 000 72° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XHP35 HI Asymmetric 92 % 0.6 cd/lm 1 White	92° 92° 73° 000 92° 60° 60° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XHP35 HI Asymmetric 92 % 0.6 cd/lm 1 White	90° 90° 90° 90° 90° 90° 90° 90° 90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XHP35 HI Asymmetric 92 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XHP35 HI Asymmetric 92 % 0.6 cd/lm 1 White	20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XHP35 HI Asymmetric 92 % 0.6 cd/lm 1 White its:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XHP35 HI Asymmetric 92 % 0.6 cd/lm 1 White its:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XHP35 HI Asymmetric 92 % 0.6 cd/lm 1 White its:	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XHP35 HI Asymmetric 92 % 0.6 cd/lm 1 White tts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XHP35 HI Asymmetric 92 % 0.6 cd/lm 1 White tts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XHP35 HI Asymmetric 92 % 0.6 cd/lm 1 White its:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XHP35 HI Asymmetric 92 % 0.6 cd/lm 1 White tts: XHP50 Asymmetric 92 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XHP35 HI Asymmetric 92 % 0.6 cd/lm 1 White hts: XHP50 Asymmetric 92 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XHP35 HI Asymmetric 92 % 0.6 cd/lm 1 White tts: XHP50 Asymmetric 92 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XHP35 HI Asymmetric 92 % 0.6 cd/lm 1 White tts: XHP50 Asymmetric 92 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XHP35 HI Asymmetric 92 % 0.6 cd/lm 1 White tts: XHP50 Asymmetric 92 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XHP35 HI Asymmetric 92 % 0.6 cd/lm 1 White tts: XHP50 Asymmetric 92 % 0.6 cd/lm 1 White	200 200 200 200 200 200 200 200



	D	
LED	 XHP70	~ ~ ~
FWHM / FWTM	Asymmetric	730 700 770
Efficiency	92 %	
Peak intensity	0.5 cd/lm	604 604
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required compone		
		000
		30 ⁴ 15 ⁵ 0 ⁶ 15 ⁵
		90°
LED	XT-E HE	9
FWHM / FWTM	Asymmetric	75*
Efficiency	91 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	X And X
Light colour	White	45* 45
Required compone	ents:	400
		XIX
		600
		135 ⁵ 0° 15°
LUMIL	.EDS	90*
CALUMIL LED	LUXEON M/MX	94°
		90°
LED	LUXEON M/MX	90°
LED FWHM / FWTM	LUXEON M/MX Asymmetric	91 ⁴ 70 ⁴ 60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON M/MX Asymmetric 94 %	50° (6)°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White	91° 91° 91° 91° 91° 91° 91° 91° 91° 91°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White	90° 90° 90° 90° 90° 90° 90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White	00 201 00 201 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White ents:	00 201 00 201 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White ents:	00 201 00 201 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White ents: EDS LUXEON MZ Asymmetric	00 201 00 201 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White ents: EDS LUXEON MZ Asymmetric 75 %	00 201 00 201 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Mequired compone Efficiency Peak intensity	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White ents: LUXEON MZ Asymmetric 75 % 0.6 cd/lm	00 30 ⁴ 30 ⁴ 30 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Mediate Compone Efficiency Peak intensity LEDs/each optic	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White ents:	00 201 00 201 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White ents:	00 201 00 201 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Mediate Compone Efficiency Peak intensity LEDs/each optic	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White ents:	90 90 91 91 91 91 91 91 91 91 91 91 91 91 91
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White ents:	90 90 91 12 ³ 01 12 ³ 12 ³
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White ents:	90 90 91 12 ³ 01 12 ³ 12 ³
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Component Required component Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX Asymmetric 94 % 0.6 cd/lm 1 White ents:	90 90 91 91 91 91 91 91 91 91 91 91 91 91 91



UMIL	EDS	90
LED	LUXEON XR-7070	910
FWHM / FWTM	Asymmetric	
Efficiency	94 %	200
Peak intensity	0.5 cd/lm	300
LEDs/each optic	1	400
Light colour	White	- 45+ 200
Required compone	nts:	
		200
		70
		30° <u>22</u> ⁵ 000 <u>15</u> °
UMIL	EDS	25
LED	LUXEON XR-M square 2x2	9 200
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	40
Light colour	White	451 500
Required compone	nts:	640
		10
		30* 12 ⁵ 0 ⁶ 12 ⁵
ØNICHI	L .	8°
LED	NV4x144A	9 20
FWHM / FWTM	Asymmetric	
Efficiency	91 %	
Peak intensity	91 % 0.5 cd/lm	air sto
Peak intensity LEDs/each optic	0.5 cd/lm 1	
Peak intensity LEDs/each optic Light colour	0.5 cd/lm 1 White	40 50 50 50
Peak intensity LEDs/each optic	0.5 cd/lm 1 White	57 <u>50</u>
Peak intensity LEDs/each optic Light colour	0.5 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour	0.5 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour	0.5 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour	0.5 cd/lm 1 White	50 00 70
Peak intensity LEDs/each optic Light colour Required compone	0.5 cd/lm 1 White	50 00 70 70 70 70 70 70 70 70 70 70 70 70
Peak intensity LEDs/each optic Light colour Required compone	0.5 cd/m 1 White hts: Duris S10 Asymmetric	50 60 70 70 30* 15 ⁵ 60 13* 15 ⁵ 70 15 ⁵ 15 ⁵ 15 ⁵
Peak intensity LEDs/each optic Light colour Required compone Ostroaction Opto Semiconductors LED FWHM / FWTM Efficiency	0.5 cd/m 1 White nts: Duris S10 Asymmetric 94 %	50 00 70 70 70 70 70 70 70 70 70 70 70 70
Peak intensity LEDs/each optic Light colour Required compone Optic Semiconductors LED FWHM / FWTM Efficiency Peak intensity	0.5 cd/m 1 White hts: Duris S10 Asymmetric 94 % 0.6 cd/m	
Peak intensity LEDs/each optic Light colour Required compone OSRAM Optio Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	0.5 cd/m 1 White hts: Duris S10 Asymmetric 94 % 0.6 cd/m 1	
Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.5 cd/m 1 White Duris S10 Asymmetric 94 % 0.6 cd/m 1 White	
Peak intensity LEDs/each optic Light colour Required compone OSRAM Optio Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	0.5 cd/m 1 White Duris S10 Asymmetric 94 % 0.6 cd/m 1 White	
Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.5 cd/m 1 White Duris S10 Asymmetric 94 % 0.6 cd/m 1 White	
Peak intensity LEDs/each optic Light colour Required compone OSRAM Orb Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.5 cd/m 1 White Duris S10 Asymmetric 94 % 0.6 cd/m 1 White	



<u> </u> S M SI I S I S I S S S 		
LED		
EED FWHM / FWTM	HiLOM SC16 (LH181B) Asymmetric	500
Efficiency	90 %	
Peak intensity	90 % 0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	20 J
Required compone		20
	no.	
SCIO	LUX	
LED	XLE-S22C4XD16 (XD16)	~ 9
FWHM / FWTM	Asymmetric	2ª
Efficiency	90 %	
Peak intensity	0.6 cd/lm	50%
LEDs/each optic	4	
Light colour	White	67 00
Required compone	nts:	
		20
		\times
		20*
SCIO	LUX	24
LED	XLE-S22C4XTEHE (XT-E HE)	9
FWHM / FWTM	Asymmetric	70
Efficiency	91 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	47 V
Required compone	nts:	+00
		300
		301
		125 ⁵ 0 ⁶ 13 ⁵



PHOTOMETRIC DATA (SIMULATED):

bridgelux.		90°
LED	Bridgelux SMD 5050	9
FWHM / FWTM	Asymmetric	73°
Efficiency	93 %	
Peak intensity	0.5 cd/lm	60° 60°
LEDs/each optic	1	400
Light colour	White	
Required components:		
		000
		30° 13° 30°
CITIZEN		
LED	CLU700/701/702	× 9
FWHM / FWTM	Asymmetric	75°
Efficiency	90 %	
Peak intensity	0.6 cd/lm	60 ⁴ 60 ⁴
LEDs/each optic	1	
Light colour	White	-51
Required components:		
Bender Wirth: 434 Ty	D 2x2MX HV	600
		X X
		800
		30* 30*
		112, 06, 12,
		25 ² 0 ⁴ 25 ⁴
	MHB-A/B	10 ² 0 ⁴ 10 ²
LED	MHB-A/B Asymmetric	15 ² 6 ⁴ 15 ²
LED FWHM / FWTM	MHB-A/B Asymmetric 92 %	25 ² 6 ² 15 ²
LED FWHM / FWTM Efficiency	Asymmetric 92 %	23 ³ 0 ² 13 ³
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric	15 ² 6 ⁴ 15 ² 19 ⁴ 19 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1	15 ³ 6 ⁴ 15 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 92 % 0.6 cd/lm 1	80 80 90 190 190 190 190 190 190 190 190 190
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 92 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 92 % 0.6 cd/lm 1 White XHP50.3 HD	80 80 90 190 190 190 190 190 190 190 190 190
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 92 % 0.6 cd/lm 1 White XHP50.3 HD Asymmetric	80 80 90 190 190 190 190 190 190 190 190 190
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 92 % 0.6 cd/lm 1 White XHP50.3 HD Asymmetric 94 %	80 80 90 190 190 190 190 190 190 190 190 190
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED EU FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1 White XHP50.3 HD Asymmetric 94 % 0.5 cd/lm	80 80 90 10 10 10 10 10 10 10 10 10 10 10 10 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 92 % 0.6 cd/lm 1 White XHP50.3 HD Asymmetric 94 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED EU FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1 White XHP50.3 HD Asymmetric 94 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED EU FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1 White XHP50.3 HD Asymmetric 94 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED EU FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.6 cd/lm 1 White XHP50.3 HD Asymmetric 94 % 0.5 cd/lm 1	



PHOTOMETRIC DATA (SIMULATED):

	VI 1970 0	90* 90*
	XHP70.3	750 100 750
FWHM / FWTM	Asymmetric	
Efficiency	87 %	. est
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required components:		\times \land \times
		30* 000
		90* 90*
LED	XP-G3	750 100 750
FWHM / FWTM	Asymmetric	
Efficiency	94 %	.60° 200 60°
Peak intensity	0.4 cd/lm	
LEDs/each optic	4	
Light colour	White	45* 400 43*
Required components:		\times
		30* 30*
UMILED)S	90* 90
LED	LUXEON 7070	9
FWHM / FWTM	Asymmetric	750 500 70
	Asymmetric 92 %	
Efficiency	92 %	20 60 ⁴ 60 ⁴
Efficiency Peak intensity		
Efficiency Peak intensity LEDs/each optic	92 % 0.5 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour	92 % 0.5 cd/lm	
Efficiency Peak intensity LEDs/each optic	92 % 0.5 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour	92 % 0.5 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour	92 % 0.5 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour	92 % 0.5 cd/lm 1	200 200 200 200 200 200 200 200
Efficiency Peak intensity LEDs/each optic Light colour Required components:	92 % 0.5 cd/lm 1	- 200
Efficiency Peak intensity LEDs/each optic Light colour Required components:	92 % 0.5 cd/lm 1 White	900 900 900 900 900 900 900 900 900 900
Efficiency Peak intensity LEDs/each optic Light colour Required components:	92 % 0.5 cd/lm 1 White NFMW48xA	- 200
Efficiency Peak intensity LEDs/each optic Light colour Required components:	92 % 0.5 cd/m 1 White NFMW48xA Asymmetric	90 90 90 90 90 90 90 90 90 90 90 90 90 9
Efficiency Peak intensity LEDs/each optic Light colour Required components:	92 % 0.5 cd/m 1 White NFMW48xA Asymmetric 93 %	90 66 91 12 ⁴ 0 ⁴ 13 ⁴ 99 90 90 90 90 90 90 90 90 90 90 90 90 9
Efficiency Peak intensity LEDs/each optic Light colour Required components:	92 % 0.5 cd/m 1 White NFMW48xA Asymmetric 93 % 0.6 cd/m	90 66 91 12 ⁴ 0 ⁴ 13 ⁴ 99 90 90 90 90 90 90 90 90 90 90 90 90 9
Efficiency Peak intensity LEDs/each optic Light colour Required components:	92 % 0.5 cd/m 1 White NFMW48xA Asymmetric 93 % 0.6 cd/m 1	90 66 91 12 ⁴ 0 ⁴ 13 ⁴ 99 90 90 90 90 90 90 90 90 90 90 90 90 9
Efficiency Peak intensity LEDs/each optic Light colour Required components:	92 % 0.5 cd/m 1 White NFMW48xA Asymmetric 93 % 0.6 cd/m	90 90 90 90 90 90 90 90 90 90 90 90 90 9
Efficiency Peak intensity LEDs/each optic Light colour Required components:	92 % 0.5 cd/m 1 White NFMW48xA Asymmetric 93 % 0.6 cd/m 1	90 90 90 90 90 90 90 90 90 90 90 90 90 9
Efficiency Peak intensity LEDs/each optic Light colour Required components:	92 % 0.5 cd/m 1 White NFMW48xA Asymmetric 93 % 0.6 cd/m 1	200 000 000 000 000 000 000 000
Efficiency Peak intensity LEDs/each optic Light colour Required components:	92 % 0.5 cd/m 1 White NFMW48xA Asymmetric 93 % 0.6 cd/m 1	200 000 000 000 000 000 000 000
Efficiency Peak intensity LEDs/each optic Light colour Required components:	92 % 0.5 cd/m 1 White NFMW48xA Asymmetric 93 % 0.6 cd/m 1	200 00 00 00 00 00 00 00 00 00



PHOTOMETRIC DATA (SIMULATED):

ØΝΙCΗΙΛ		20° 201
LED	NV4WB35AM	4
FWHM / FWTM	Asymmetric	20
Efficiency	92 %	
Peak intensity	0.6 cd/lm	. 60*
LEDs/each optic	1	
Light colour	White	· 47' 000 - 57'
Required components	S:	
		BVO
		30* 2000 30*
		200 225 Or 235



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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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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