

STRADA-IP-2X6-T3-PC

IESNA Type III (medium) beam for roads that are equal to or wider than mounting height. Variant made from PC.

TECHNICAL SPECIFICATIONS:

Dimensions	71.4 x 173.0 mm
Height	8.5 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈

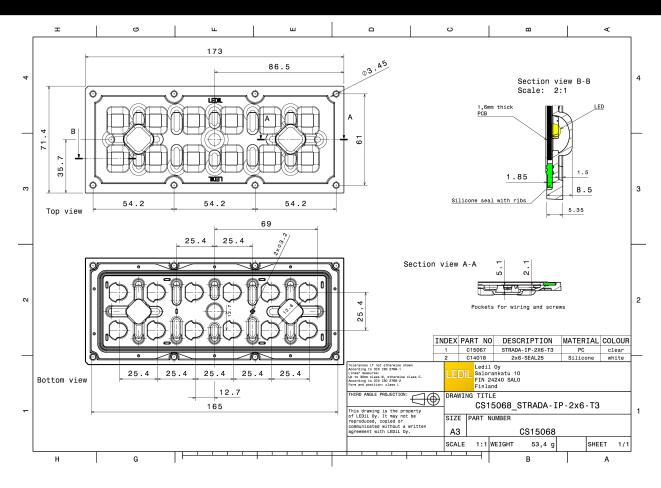


MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
STRADA-IP-2X6-T3-PC	Multi-lens	PC	clear	
2X6-SEAL25	Seal	Silicone	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS15068_STRADA-IP-2X6-T3-PC	Multi-lens	120		40	7.5
» Box size: 476 x 273 x 247 mm					



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



ELECTRONICS		90°
LED	QUICK FLUX 2x6 LED XG xxx G7+	
FWHM / FWTM	Asymmetric	
Efficiency	93 %	50°
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	400
Light colour	White	45* 5% 45*
Required compone	nts:	
		600
		700
		000
		30 ^{°°} 15 ⁵ 0 ⁶ 15 [°] 30 ^{°°}
		90*
LED	QUICK FLUX 2x6 LED XT xxx G5	
FWHM / FWTM	Asymmetric	The Area Area
Efficiency	91 %	
Peak intensity	0.7 cd/lm	60° 66*.
LEDs/each optic	1	400
Light colour	White	45° 45°
Required compone	nts:	
		000
		N mo
		000
		30° 15° 30°
CREE -		90* 90*
LED	XP-G3	Cr.
FWHM / FWTM	Asymmetric	730 700 700 700
Efficiency	91 %	
Peak intensity	0.7 cd/lm	50* 50*
LEDs/each optic	1	$X \times T \times X$
Light colour	White	45* 400 45*
Required compone	nts:	500
		700
		30° 15 ² 0° 15 ² 30°
CREE -		
	The second se	
LED	XT-E	
FWHM / FWTM	A I-E Asymmetric	
Efficiency		
	0/	
	%	
LEDs/each optic	1	
LEDs/each optic Light colour	1 White	
LEDs/each optic	1 White	
LEDs/each optic Light colour	1 White	
LEDs/each optic Light colour	1 White	
LEDs/each optic Light colour	1 White	



CREE 4		
LED	XT-E HE	× ~ ~
FWHM / FWTM	Asymmetric	710 770
Efficiency	91 %	
-	0.7 cd/lm	60° 60°
Peak intensity		$X \times / T \times X$
LEDs/each optic	1	400
Light colour	White	45° 500 45°
Required compone	nts:	
		700
		30° 000 30°
	EDS	
		90* 90*
LED	LUXEON 5050 Round LES	- m
FWHM / FWTM	Asymmetric	
Efficiency	92 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required compone	nts:	
		000
		30 30 -
		152 700 13*
UMIL	EDS	80° 80°
LUMIL	EDS LUXEON 5050 Round LES	25 [°] 700 25 [°]
		29 ¹ 23 ² 23 20 20 20 20 20 20 20 20 20 20 20 20 20
LED	LUXEON 5050 Round LES	25 ² 70 25 ⁴
LED FWHM / FWTM	LUXEON 5050 Round LES Asymmetric	15 ³ 70 15 ⁴
LED FWHM / FWTM Efficiency	LUXEON 5050 Round LES Asymmetric 92 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White	100 500 000
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White Ints:	200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White Its:	50 50 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White nts: EDS LUXEON V Asymmetric	200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White nts: EDS LUXEON V Asymmetric 88 %	200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White nts: EDS LUXEON V Asymmetric 88 % 0.6 cd/lm	200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White nts: EDS LUXEON V Asymmetric 88 % 0.6 cd/lm 1	200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White nts:	
LED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition LUMIL LED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Round LES Asymmetric 92 % 0.6 cd/lm 1 White nts:	



ØNICHI		
LED	NVSW3x9A	10°
FWHM / FWTM	Asymmetric	730 500 750
Efficiency	91 %	
Peak intensity	0.7 cd/lm	60*
LEDs/each optic	1	
Light colour	White	45* 400 45
Required compone		
		50
		00
		30° 13 ⁵ 0° 15° 50'
		90
LED	NVSW519A	
FWHM / FWTM	Asymmetric	73* 200 /72
Efficiency	91 %	
Peak intensity	0.6 cd/lm	60*
LEDs/each optic	1	$X \times T \times X$
Light colour	White	45* 400 45
Required compone	nts:	200
		204 700
		15 ⁵ 0 ⁶ 15 ⁶
		TNY VHI
		20
LED	NVSxx19B/NVSxx19C	
LED FWHM / FWTM	NVSxx19B/NVSxx19C Asymmetric	
LED FWHM / FWTM Efficiency	NVSxx19B/NVSxx19C Asymmetric 91 %	
LED FWHM / FWTM Efficiency Peak intensity	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/Im 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/Im 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/Im 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/Im 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/Im 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/Im 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/Im 1 White	20 60 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/Im 1 White nts:	20 60 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/lm 1 White nts: Duris S8	20 60 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/lm 1 White nts: Duris S8 Asymmetric	20 60 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/lm 1 White nts: Duris S8 Asymmetric 93 %	20 60 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSERAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/lm 1 White nts: Duris S8 Asymmetric 93 % 0.5 cd/lm	20 60 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSCRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/lm 1 White nts: Duris S8 Asymmetric 93 % 0.5 cd/lm 1	20 60 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/lm 1 White nts: Duris S8 Asymmetric 93 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSCRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/lm 1 White nts: Duris S8 Asymmetric 93 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/lm 1 White nts: Duris S8 Asymmetric 93 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSxx19B/NVSxx19C Asymmetric 91 % 0.7 cd/lm 1 White nts: Duris S8 Asymmetric 93 % 0.5 cd/lm 1 White	



OSRAM Opto Semiconductors		90°
LED	OSLON Square CSSRM2/CSSRM3	En la
FWHM / FWTM	Asymmetric	
Efficiency	92 %	
Peak intensity	0.8 cd/lm	50 ¹
LEDs/each optic	1	400
Light colour	White	45* 45*
Required componen	ts:	
		30° 30°
OSRAM		
Opto Semiconductors	OSLON Square PC	90° 92°
FWHM / FWTM	Asymmetric	77°
Efficiency	91 %	
Peak intensity	0.9 cd/lm	iot in the second
LEDs/each optic	1	
Light colour	White	400
Required componen		500
	-	000
		740
		30* 30* 30* 30*
SAMSU	ING	90° 90°
LED	HiLOM RH12 (LH351C)	
FWHM / FWTM	Asymmetric	775
Efficiency	92 %	
Peak intensity	0.6 cd/lm	-60°
LEDs/each optic	1	
Light colour	White	457 400 45*
Required componen	ts:	
		500
		640
		30° 30°
		152 00 15*
CUVU		
SAMSU		20 ² 0 ⁴ 10 ⁴
LED	HiLOM RM12 ZP (LH502C)	20 ² 0 ² 10 ² 20 ²
LED FWHM / FWTM	HiLOM RM12 ZP (LH502C) Asymmetric	29° 0° 19° 99° 99°
LED FWHM / FWTM Efficiency	HiLOM RM12 ZP (LH502C) Asymmetric 92 %	20 ² 0 ⁴ 10 ⁴ 20 ⁴ 0 ⁴ 0 ⁴ 20 ⁴ 0 ⁴ 0 ⁴
LED FWHM / FWTM Efficiency Peak intensity	HiLOM RM12 ZP (LH502C) Asymmetric 92 % 0.5 cd/lm	20 ² 0 ⁴ 10 ⁴ 20 ⁴ 0 ⁴ 0 ⁴ 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HiLOM RM12 ZP (LH502C) Asymmetric 92 % 0.5 cd/lm 1	20 ¹ 0 ² 10 ² 0 ² 10 ² 0 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RM12 ZP (LH502C) Asymmetric 92 % 0.5 cd/lm 1 White	20°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HiLOM RM12 ZP (LH502C) Asymmetric 92 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RM12 ZP (LH502C) Asymmetric 92 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM RM12 ZP (LH502C) Asymmetric 92 % 0.5 cd/lm 1 White	20 ¹ 0 ² 10 ² 0 ² 10 ² 0 ² 10 ² 0 ²



SCIC	LUX	901 991
LED	XLE-S22C4XTEHE (XT-E HE)	En al
FWHM / FWTM	Asymmetric	The second secon
Efficiency	91 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	40
Light colour	White	-65° 540 65°
Required compone	ents:	
		700
		30° 25° 0° 15° 30°
SEOU		
SEOUL SEMICONDUCTOR		82. 89
	Z5M3	50° 50°
SEOUL SEMICONDUCTOR	Z5M3 Asymmetric	90 ⁻ 70 ⁻ 72 ⁻ 72 ⁻
seoul semiconductor LED FWHM / FWTM Efficiency		
seoul semiconductor LED FWHM / FWTM	Asymmetric	
seoul semiconductor LED FWHM / FWTM Efficiency	Asymmetric 92 %	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 92 % 0.7 cd/lm	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 0.7 cd/lm 1 White	
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.7 cd/lm 1 White	
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.7 cd/lm 1 White	
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 0.7 cd/lm 1 White	



PHOTOMETRIC DATA (SIMULATED):

CREE ≑		NY EFT
		90* 90*
LED	J Series 5050 Round LES	750 700 700
FWHM / FWTM	Asymmetric	
Efficiency	88 %	50° 60°
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required components:		
		800
		30° 30°
CREE ≑		90 ⁺ 90 ⁺
LED	XP-G2 HE	Cy Cy
FWHM / FWTM	Asymmetric	730
Efficiency	85 %	X Marine X
Peak intensity	0.6 cd/lm	50 ⁴ 500
LEDs/each optic	1	$X \times I = X \times X$
Light colour	White	400 400
Required components:		500
		770
		30° 45 ⁵ 0° 15° 30°
ΜΝΙCΗΙΛ		
LED	NV4WB35AM	
LED FWHM / FWTM	NV4WB35AM Asymmetric	756 00 757
FWHM / FWTM	Asymmetric	
FWHM / FWTM Efficiency	Asymmetric 89 %	
FWHM / FWTM Efficiency Peak intensity	Asymmetric 89 % 0.6 cd/lm	274 4 0 67* 65* 36
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 89 % 0.6 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.6 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 89 % 0.6 cd/lm 1	27
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.6 cd/lm 1	30 00 00 00 00 00 00 00 00 00 00 00 00 0
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.6 cd/lm 1	30 00 00 00 00 00 00 00 00 00 00 00 00 0
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 0.6 cd/lm 1 White	23 23 24 25 26 26 26 26 26 26 26 26 26 26
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 0.6 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 0.6 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 0.6 cd/lm 1 White I LH351B	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	Asymmetric 89 % 0.6 cd/lm 1 White G LH351B Asymmetric	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency	Asymmetric 89 % 0.6 cd/lm 1 White I LH351B Asymmetric 87 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 89 % 0.6 cd/lm 1 White I LH351B Asymmetric 87 % 0.6 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 89 % 0.6 cd/lm 1 White LH351B Asymmetric 87 % 0.6 cd/lm 1	20 50 50 50 50 50 50 50 50 50 5
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.6 cd/lm 1 White I LH351B Asymmetric 87 % 0.6 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 89 % 0.6 cd/lm 1 White LH351B Asymmetric 87 % 0.6 cd/lm 1	200 200 200 200 200 200 200 200
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.6 cd/lm 1 White LH351B Asymmetric 87 % 0.6 cd/lm 1	299 599 599 599 599 599 599 599 599 599
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.6 cd/lm 1 White LH351B Asymmetric 87 % 0.6 cd/lm 1	200 200 200 200 200 200 200 200 200 200



PHOTOMETRIC DATA (SIMULATED):

SEOUL SEOUL SEMICONDUCTOR		84
LED	Z5M4	
FWHM / FWTM	Asymmetric	70
Efficiency	89 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	47° 000 47°
Required component	IS:	30
		300
		30* 34
		21 ³ 30 ⁶ 13 ³ 20



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.

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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