

STRADA-IP-2X6-DWC

Universal road lighting (IESNA Type II medium) beam with excellent mixed illuminance and luminance uniformity.

SPECIFICATION:

Dimensions	173.0 x 71.4
Height	9 mm
Fastening	pin, screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈

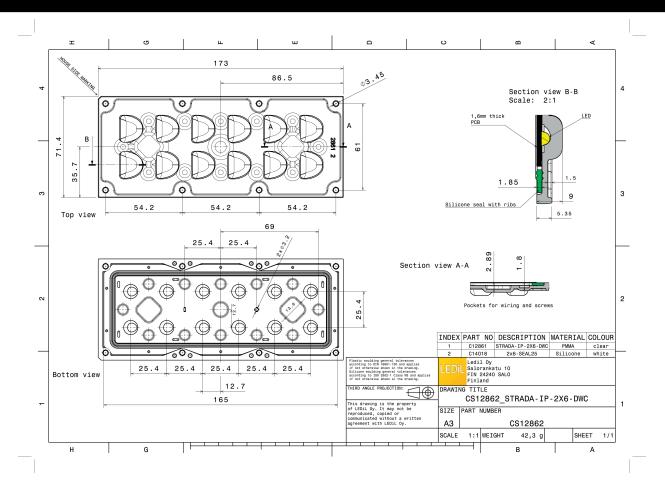


MATERIALS:

Component	Туре	Material	Colour	Finish	Length (mm)
STRADA-IP-2X6-DWC	Multi-lens	PMMA	clear		
2X6-SEAL25	Seal	Silicone	white		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS12862_STRADA-IP-2X6-DWC	Multi-lens	120	40	40	6.8
» Box size: 476 x 273 x 247 mm					



R

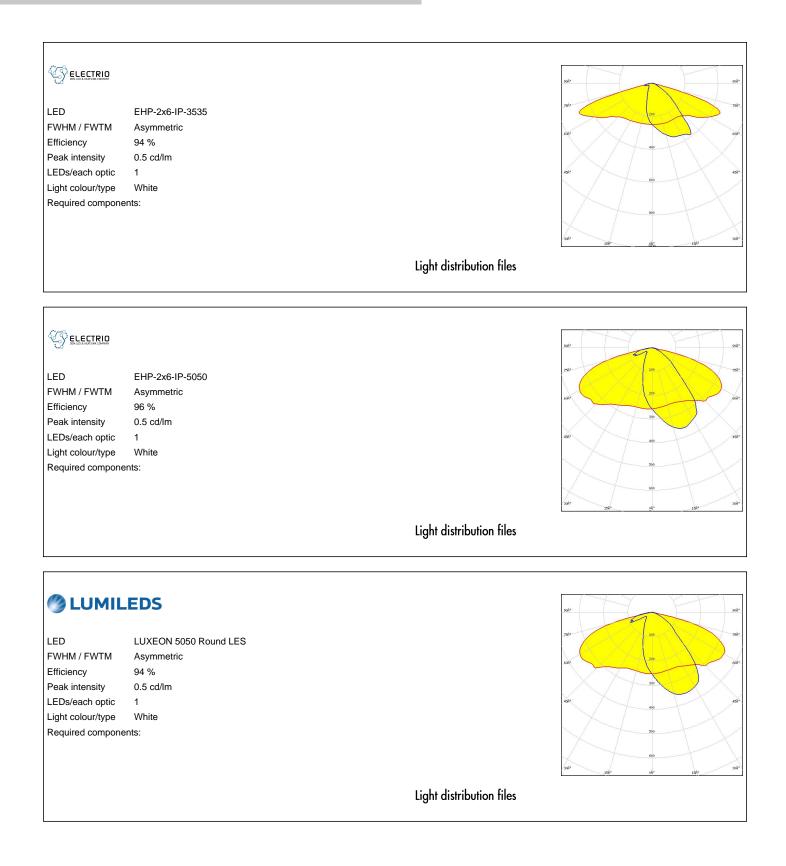
See also our general installation guide: www.ledil.com/installation_guide



OPTICAL RESULTS (MEASURED):

LED QUICK FLUX 2x6 LED XG xxx G7+ FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files CONET LED QUICK FLUX 2x6 LED XT xxx G5 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LED XP-L2 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components:





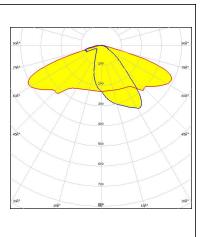


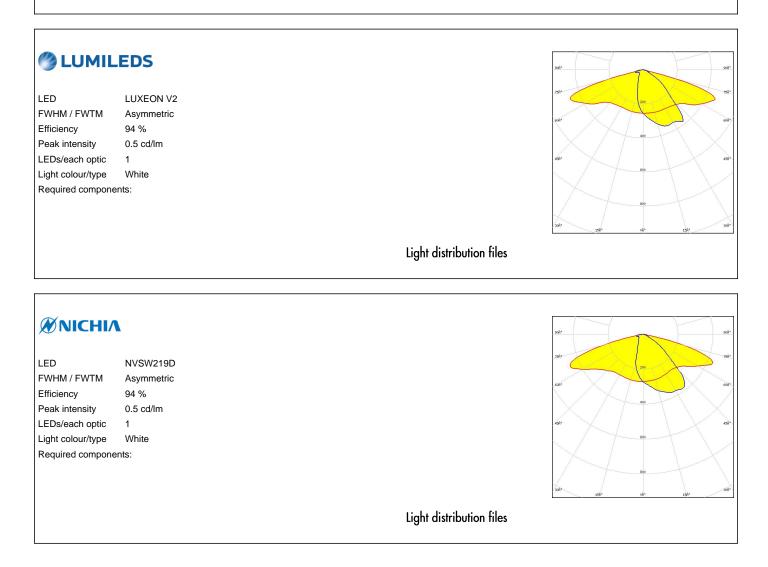
UMILEDS LUXEON R LED Asymmetric FWHM / FWTM Efficiency 96 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUMILEDS LED LUXEON Rebel ES FWHM / FWTM Asymmetric Efficiency 96 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LED LUXEON T FWHM / FWTM Asymmetric Efficiency 95 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



LUMILEDS

LED	LUXEON V
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required componen	ts:

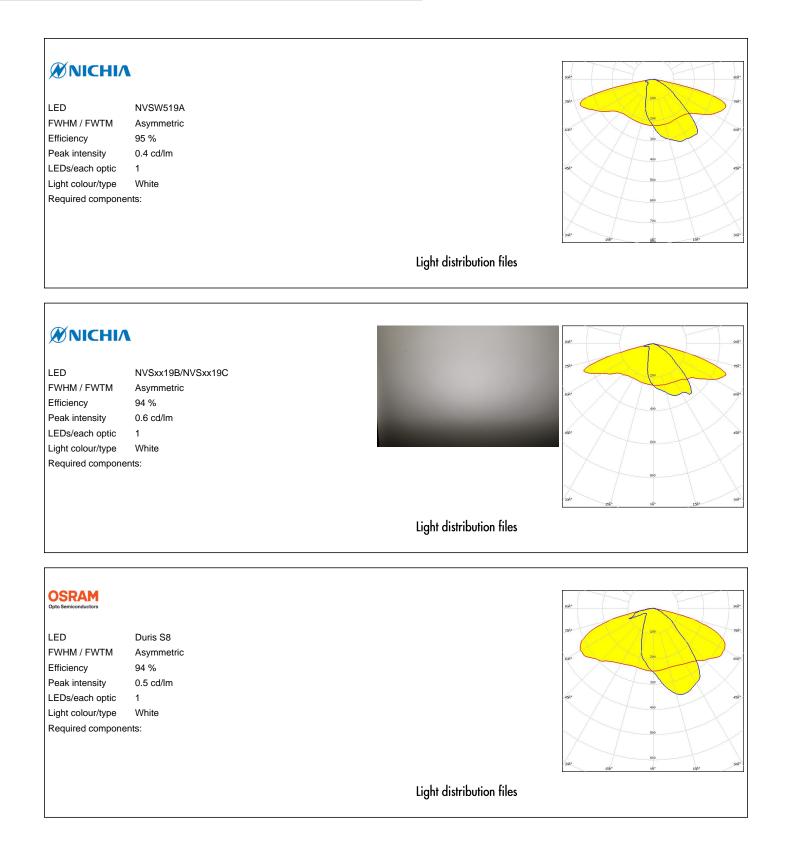






ΜΝΙCΗΙΛ LED NVSW219F Asymmetric FWHM / FWTM Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **Μ**ΝΙCΗΙΛ LED NVSW319B FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **MNICHIA** LED NVSW3x9A FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files







OSRAM LED **OSLON Square PC** FWHM / FWTM Asymmetric Efficiency 96 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SAMSUNG LED LH351Z FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SCIOLUX LED ROY-S26XPL2 (XP-L2) FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files

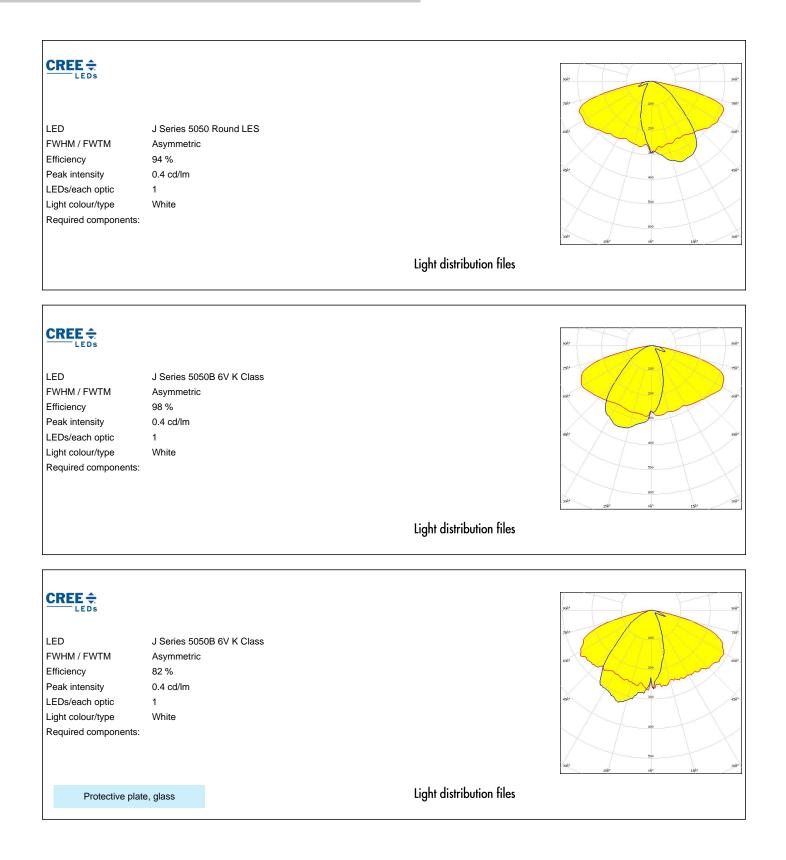


EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	SMJQ-D36W12Mx Asymmetric 94 % 0.6 cd/lm 1 White ints:	
		Light distribution files
SEOUL SEMICONDUCTOR		*00
LED	SMJQ-D36W12Px	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	. ANY 360 -
Peak intensity	0.5 cd/lm	40
LEDs/each optic	1	401* 500
Light colour/type	White	00
Required compone	nts:	No
		56° 25° 25°
		Light distribution files
SEOUL SEMICONDUCTOR		54°
LED	Z5M3	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	-68° - 500
Light colour/type	White	200
Required compone	ints:	70
		3.60° <u>156</u> ° 64° 156?



SEOUL SEMICONDUCTOR		264
LED	Z8Y22	758-
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.6 cd/lm	$\times//\top$
LEDs/each optic	1	
Light colour/type	White	
Required compone	nts:	
		358° 126° 158° 123°
		Light distribution files
SEOUL		*64
		100
LED	Z8Y22P	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	200
Peak intensity	0.5 cd/lm	40
LEDs/each optic	1	atr
Light colour/type	White	80
Required compone	nts:	70
		80
		308° 238° 93° 138°
		Light distribution files
TOSHIBA Leading Innovation »		202
		784
LED	TL1L4	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	40
Peak intensity	0.6 cd/lm	
LEDs/each optic	1 White	50°
Light colour/type Required compone		
Requirea compone	nts:	90 200
		Light distribution files







CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XB-D Asymmetric % 0.5 cd/lm 1 White		
		Light distribution files	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XP-G2 HE Asymmetric 92 % 0.4 cd/lm 1 White		
		Light distribution files	
Inventro	PrevaLED Brick HP IP 2x6 Asymmetric 93 % 0.5 cd/lm 1 White		900* 758* 600* - 458* - 458*
		Light distribution files	



OPTICAL RESULTS (SIMULATED):

LUMILEDS I FD LUXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUMILEDS LUXEON 5050 Square LES I FD FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUXEON H50-2 LED FWHM / FWTM Asymmetric Efficiency 90 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



OPTICAL RESULTS (SIMULATED):

LUMILEDS I FD LUXEON TX FWHM / FWTM Asymmetric Efficiency 89 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **Μ**ΝΙCΗΙΛ NV4WB35AM I FD FWHM / FWTM Asymmetric Efficiency 94 % 0.4 cd/lm Peak intensity LEDs/each optic 1 Light colour/type White Required components: Light distribution files **MNICHIA** NVSxE21A LED FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 4 Light colour/type White Required components: Light distribution files



ΜΝΙCΗΙΛ			908*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	NVSxE21A Asymmetric 91 % 0.6 cd/lm 1 White		
		Light distribution files	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSCONIQ P 3737 (2W version) Asymmetric 90 % 0.5 cd/lm 1 White		304* 30 734* 20 54* 60 60* 60 60* 60 50* 60 50* 60 50* 60 50* 60 50* 60
		Light distribution files	
OSRAM Opto Semiconductors			94* 99
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSCONIQ P 3737 (3W version) Asymmetric 93 % 0.5 cd/lm 1 White		751 - 75 .64* - 60 .62* - 60 .63* - 15* 30
		Light distribution files	



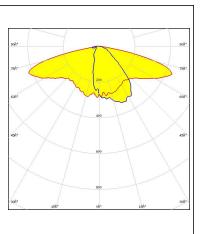
OSRAM Opto Semiconductors LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM Opto Semiconductore OSLON Square CSSRM2/CSSRM3 I FD FWHM / FWTM Asymmetric Efficiency 93 % 0.5 cd/lm Peak intensity LEDs/each optic 1 Light colour/type White Required components: Light distribution files SAMSUNG LH181B LED FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour/type White Required components:

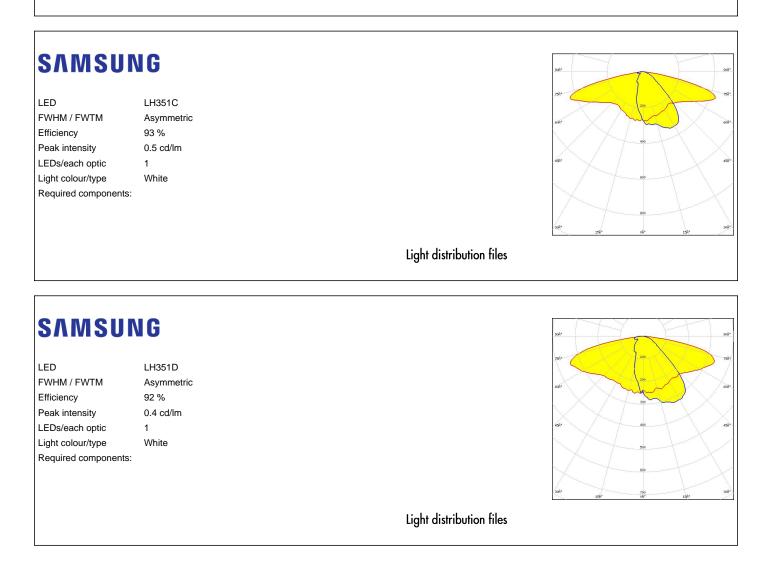


OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LH351B
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



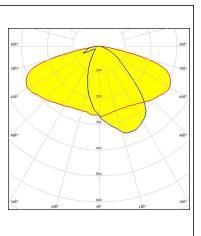


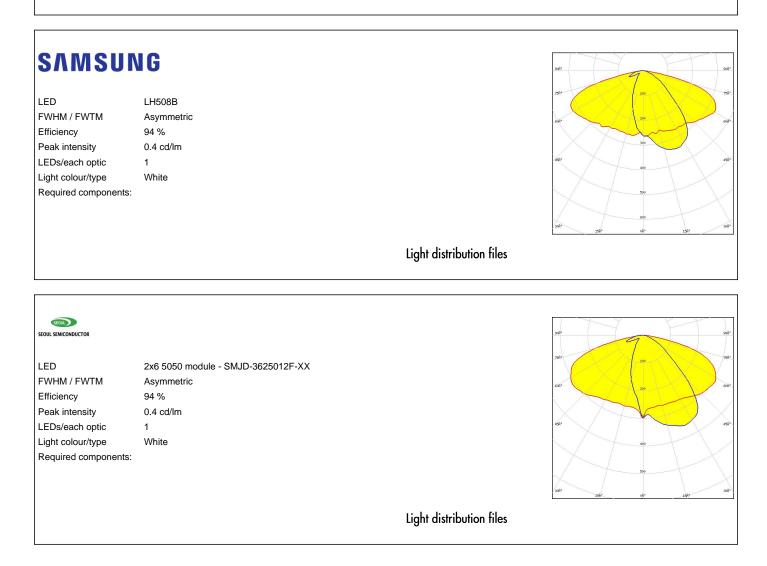


OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LH502C
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	







EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	SEOUL DC 5050 6V Asymmetric 94 % 0.4 cd/lm 1 White	Light distribution files
SEQUI SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5M Asymmetric 89 % 0.5 cd/lm 1 White	Light distribution files
SEQUI SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5M1/Z5M2 Asymmetric 90 % 0.6 cd/lm 1 White	
		Light distribution files



21/23

SEOUL SEMICONDUCTOR		947
LED FWHM / FWTM	Z5M3-E1 Asymmetric	254-
Efficiency	94 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required components:		80
		70
		Similated from photometric data 20% dif 15%
		Light distribution files
SEOUL SEMICONDUCTOR		948
LED	Z5M4	25%
FWHM / FWTM	Asymmetric	aite
Efficiency	98 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	431*
Light colour/type	White	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Required components:		
		30 ¹ 30 ¹ 3
		Light distribution files
SEOUL SEMICONDUCTOR		
LED	Z5M4-E1	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour/type Required components:	White	
		Light distribution files



SEOUL SEMICONDUCTOR		
LED	Z5M4-E2	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	é X T X I
Light colour/type	White	50
Required components:		Similated frue photometric date
		Light distribution files
TOSHIBA		
Leading Innovation >>>		94
LED	TL1L2	
FWHM / FWTM	Asymmetric	
Efficiency	88 %	60% <u>30</u> 4
Peak intensity	0.5 cd/lm	40
LEDs/each optic	1	sir
Light colour/type	White	50
Required components:		
		Light distribution files
TOSHIBA		
Leading Innovation >>>		50 ¹ 9
LED	TL1L3	754 100
FWHM / FWTM	Asymmetric	
Efficiency	86 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required components:		500 500 150° ctit



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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

USA

Joensuunkatu 7 FI-24100 SALO Finland

LEDiL Inc. 228 West Page Street Suite D Sycamore IL 60178

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations Poznan, Poland Hong Kong, China

Distribution Partners www.ledil.com/ where_to_buy

Last update: 19/05/2025 Subject to change without prior notice LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.