STRADA-2X2MX-8-DWC

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

TECHNICAL SPECIFICATIONS:

Dimensions	90.0 mm
Height	13.6 mm
Fastening	screw
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS15751_STRADA-2X2MX-8-DWC » Box size: 476 x 273 x 292 mm	Multi-lens	156	52	52	7.5

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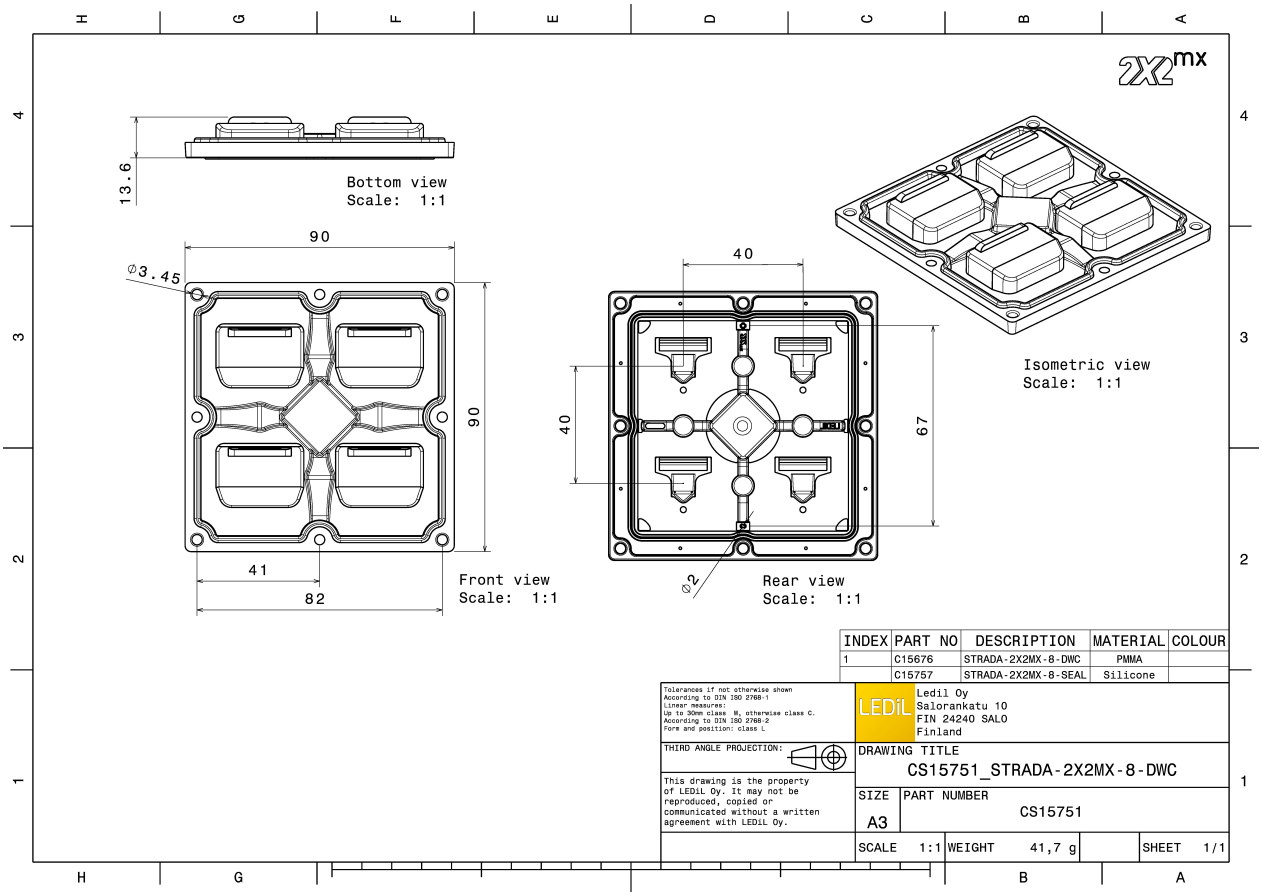

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15676	STRADA-2X2MX-8-DWC	PMMA	
	C15757	STRADA-2X2MX-8-SEAL	Silicone	

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

THIRD ANGLE PROJECTION:

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
CS15751_STRADA-2X2MX-8-DWC

SIZE	PART NUMBER			
A3	CS15751			
SCALE 1:1	WEIGHT 41,7 g		SHEET 1/1	

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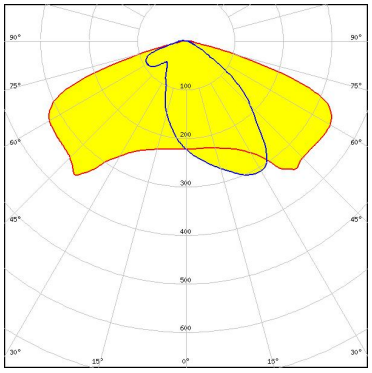
PHOTOMETRIC DATA (MEASURED):

CREE

LED	CXA/B 15xx
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

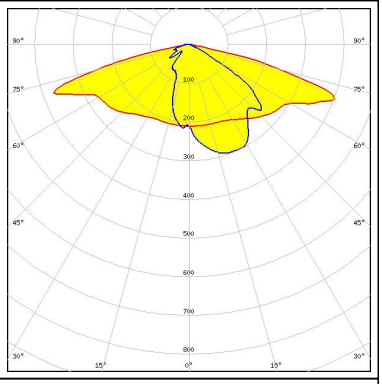
Required components:
Bender Wirth: 441 Typ 2x2MX HV



LUMILEDS

LED	LUXEON M/MX
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

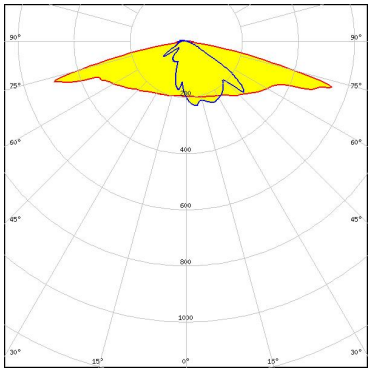
Required components:



SCIOLUX

LED	XLE-S22C4XD16 (XD16)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White

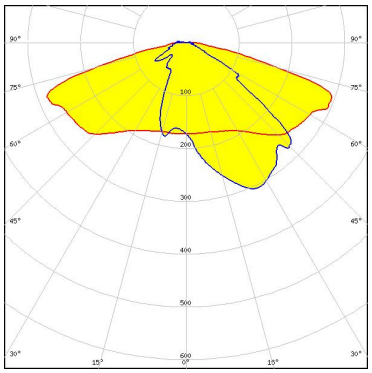
Required components:



SCIOLUX

LED	XLE-S22C4XTEHE (XT-E HE)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



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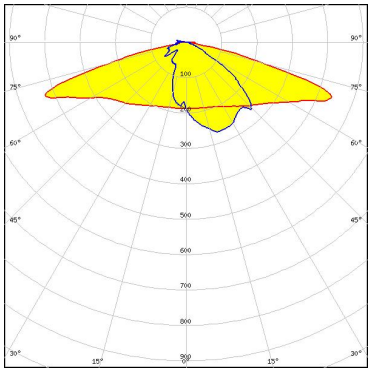
PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White

Required components:



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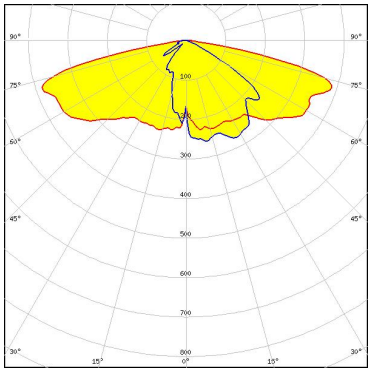
PHOTOMETRIC DATA (SIMULATED):

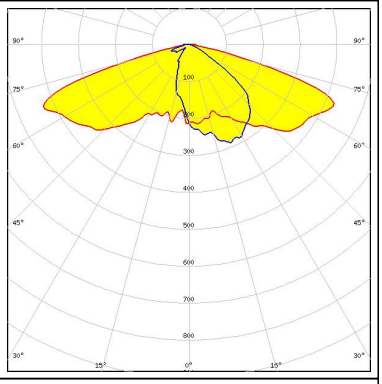
bridgelux

LED	Bridgelux SMD 5050
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



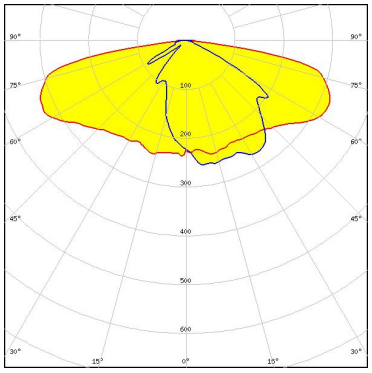
CITIZEN

LED	CLU700/701/702
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
Bender Wirth: 434 Typ 2x2MX HV	



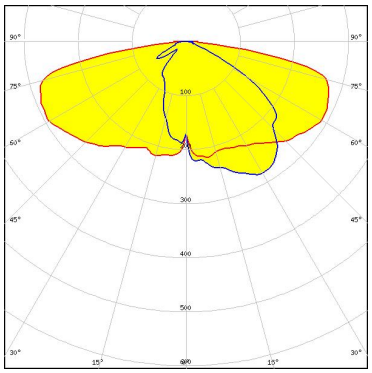
CREE

LED	MHB-A/B
FWHM	Asymmetric
Efficiency	95 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE

LED	MHD-E/G
FWHM	Asymmetric
Efficiency	95 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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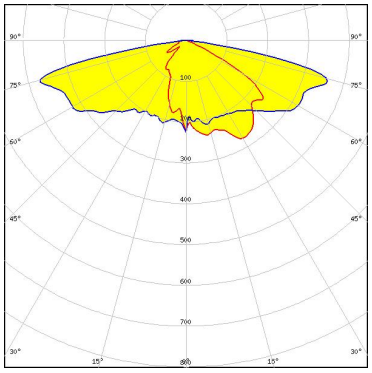
PHOTOMETRIC DATA (SIMULATED):

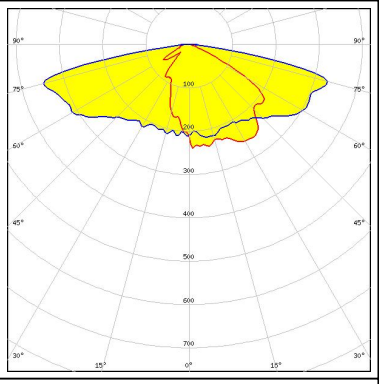
CREE

LED	XHP50
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



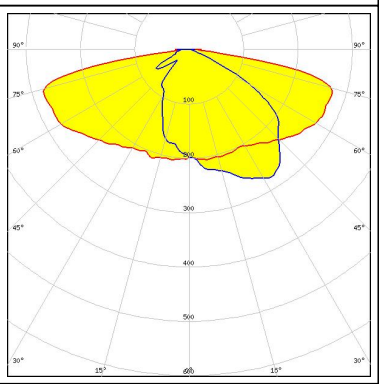
CREE

LED	XHP50.2
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



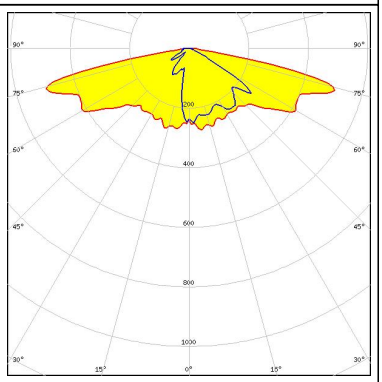
CREE

LED	XHP70.2
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE

LED	XT-E
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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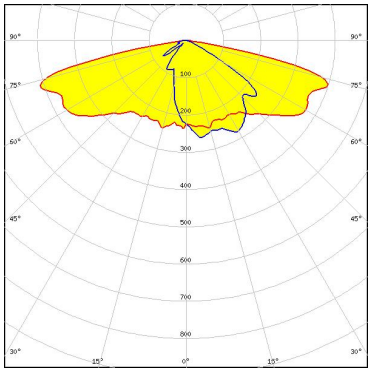
PHOTOMETRIC DATA (SIMULATED):

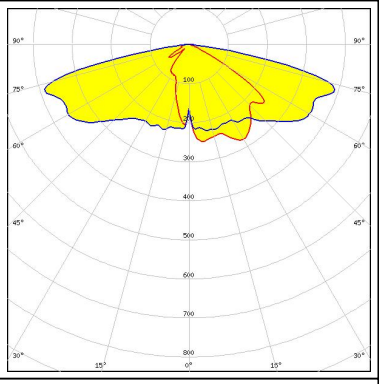
LUMILEDS

LED	LUXEON 5050 Round LES
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



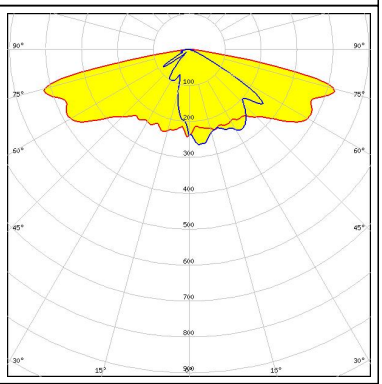
NICHIA

LED	NFMW48xA
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



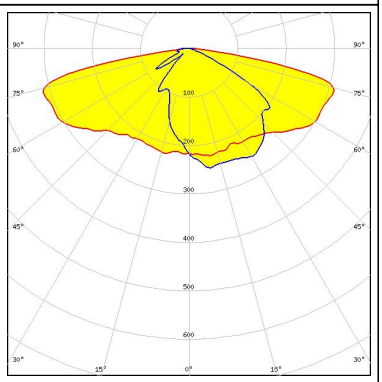
NICHIA

LED	NV4WB35AM
FWHM	Asymmetric
Efficiency	95 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NV4x144A
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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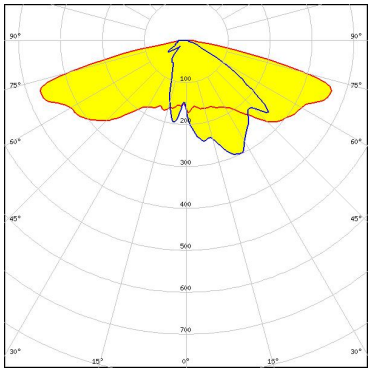
PHOTOMETRIC DATA (SIMULATED):

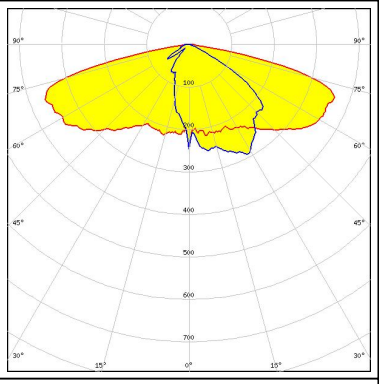
NICHIA

LED	NVSxE21A
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	



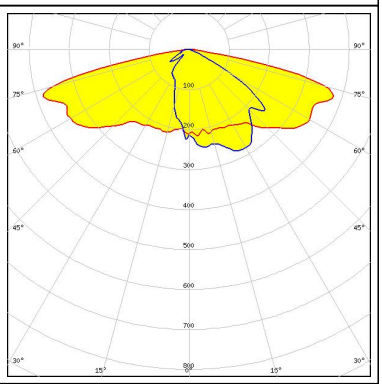
OSRAM Opto Semiconductors

LED	Duris S10
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



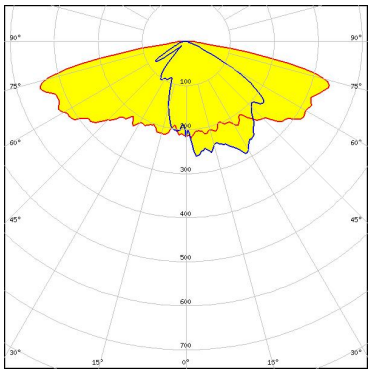
OSRAM Opto Semiconductors

LED	Duris S8
FWHM	Asymmetric
Efficiency	95 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM Opto Semiconductors

LED	OSCONIQ P 7070
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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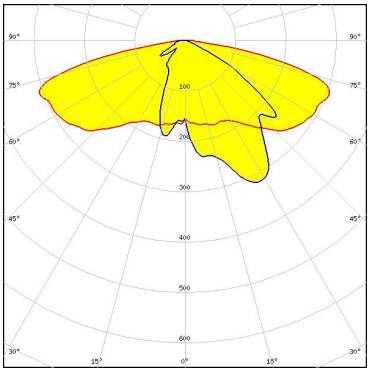
PHOTOMETRIC DATA (SIMULATED):

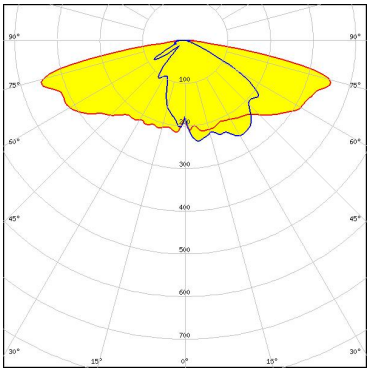
OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM	Asymmetric
Efficiency	95 %
Peak intensity	0.5 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	



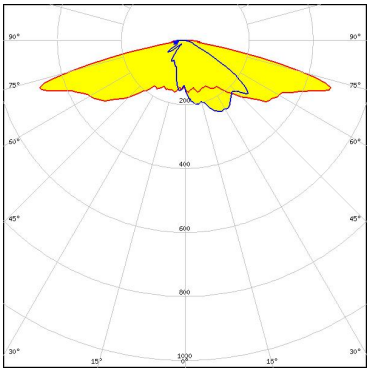
PHILIPS

LED	Fortimo FastFlex LED 2x2 70x70 DC G4
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



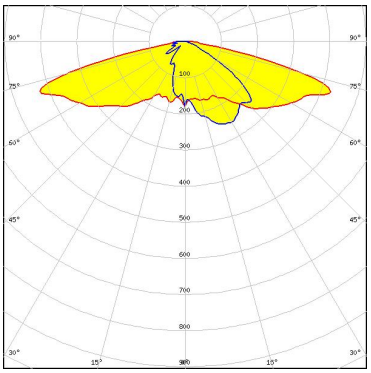
SEOUL SEMICONDUCTOR

LED	Z8Y19
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	



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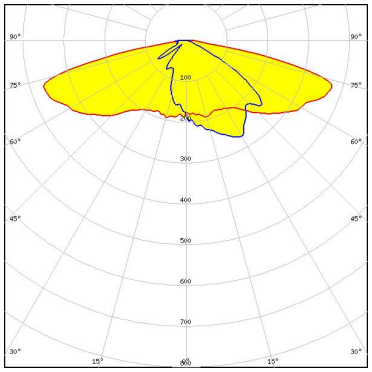
PHOTOMETRIC DATA (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z8Y50P
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



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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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LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

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

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

Shipping locations
Salo, Finland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy

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