

DAISY-4X1-WW

~80° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions

Height Fastening

ROHS compliant

182.0 x 40.0 mm 20.2 mm pin, screw, clips yes ⁽¹⁾

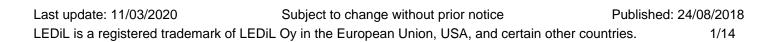
MATERIAL SPECIFICATIONS:

Component C16584_DAISY-4X1-WW C16590_DAISY-4X1-SHD C16784_DAISY-4X1-SHD-WHT C17422_DAISY-4X1-SHD2-MATT C17423_DAISY-4X1-SHD2-WHT-MATT C17528_DAISY-4X1-SHD-MET C17535_DAISY-4X1-SHD2-MET-MATT

ORDERING INFORMATION:

Quantities for one set:

Linear lens 1 Shade 1



Туре

Shade

Shade Shade

Shade

Shade Shade

Linear lens



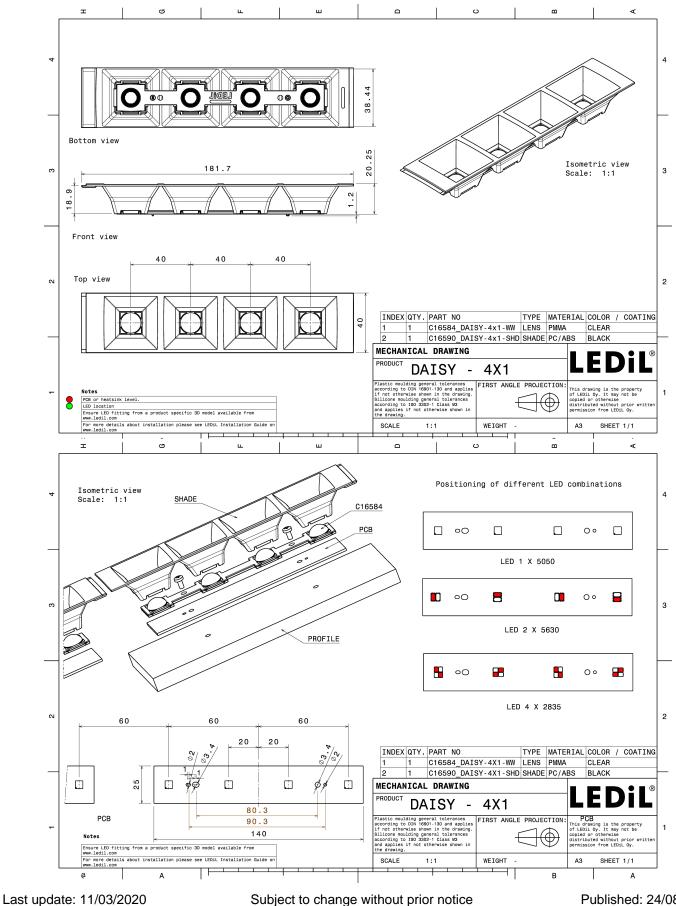
Material	Colour	Finish
PMMA	clear	
PC-ABS	black	gloss
PC	white	gloss
PC	black	matt
PC	white	matt
PC-ABS	metal	gloss
PC	metal	matt



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16584_DAISY-4X1-WW » Box size: 480 x 280 x 300 mm	Linear lens	504	336	21	5.6
C17535_DAISY-4X1-SHD2-MET-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	
C17422_DAISY-4X1-SHD2-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.1
C17423_DAISY-4X1-SHD2-WHT-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.4
C16590_DAISY-4X1-SHD » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.3
C17528_DAISY-4X1-SHD-MET » Box size: 480 x 280 x 300 mm	Shade	168	336	42	
C16784_DAISY-4X1-SHD-WHT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.3





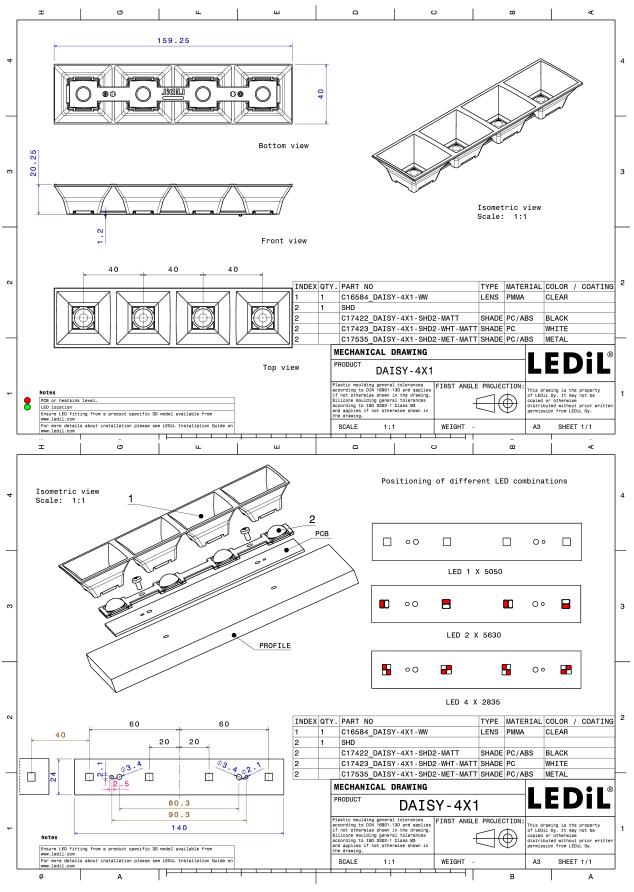


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3/14







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4/14



CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16590_DAIS	J Series 2835 77.0° 86 % 0.6 cd/lm 2 White ents:	20 ⁴ 20 ⁶ 20 ⁴ 20 ⁴
ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16590_DAIS	LG 3528 77.0° 86 % 0.6 cd/lm 2 White ents:	20° - 20° - 20° 0°
Ethician composition of the second se	LUXEON 2835 Line 78.0° 87 % 0.6 cd/lm 2 White ents:	91 ⁴ 92 ⁴ 93 ⁴ 95 ⁴ 95 ⁴ 96 ⁴ 90 ⁴ 9
Your solution LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16590_DAIS	LinLED 156x28mm 2x200lm 827-865 2x2C 12V 77.0° 85 % 0.6 cd/lm 1 White ents:	94 95 97 97 97 97 97 97 97 97 97 97 97 97 97



MST Your solution	ns		90* 90*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16590_DAISY	White ents:		24 BA 64 BA 24
ΜΝΙCΗΙΛ		and the second se	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16590_DAIS ^N	NF2W757G-MT (Tunable White) 79.0° 86 % 0.6 cd/lm 1 Tunable White ents:		20 ¹ 20 ¹ 20 ¹ 20 ¹ 20 ¹ 20 ¹
Μ ΝΙCΗΙΛ			av*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NF2W757G-MT (Tunable White) 79.0° 96 % 0.6 cd/lm 1 Tunable White		x x x x x x x x x x x x x x
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16590_DAISY	LM28xB Series 78.0° 84 % 0.6 cd/lm 2 White ents:		20° 00 20° 6° 00 00° 75° 00° 00° 75° 00° 75° 00° 75° 00° 75°



PHOTOMETRIC DATA (MEASURED):

SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16590_DAISY	LM28xB Series 75.0° 84 % 0.6 cd/lm 4 White ents:	90 ⁴ 75 60 ⁴ 50 50 50 60 60 60 60 60 60 60 60 60 6
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16784_DAISY	LM28xB Series 76.0° 94 % 0.6 cd/lm 4 White	54 ⁴ 25 ⁵ 0 ⁶ 15 ⁵ 0 ⁶
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C17422_DAIS	LM28xB Series 76.0° 86 % 0.6 cd/lm 1 White	
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16784_DAIS	LM28xB Series 77.0° 94 % 0.6 cd/lm 2 White	

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SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16784_DAIS	Tunable White	20- 20- 20- 20- 20- 20- 20- 20-
stout semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16590_DAIS	Tunable White ents:	24. 64. 64. 15. 10. 10. 10. 10. 10. 10. 10. 10
stoul seniconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16590_DAIS	White ents:	20 20 21 22 23 24 25 26 20 26 26 26 26 26 26 26 26 26 26
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16590_DAIS	White ents:	200 200 21. 22. 10. 10. 10. 10. 10. 10. 10. 10



	2		90° 90°
LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC		
FWHM	79.0°		73,
Efficiency	85 %		
Peak intensity	0.6 cd/lm		
LEDs/each optic			
Light colour	White		e3+e3+
Required compor			40
C16590_DAIS			
			30* 0/0 30*
	2		(15 ⁵) 0 ⁶ 15 ⁵
			90°
LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC		73*
FWHM	80.0°		
Efficiency	94 %		60* 60*
Peak intensity	0.6 cd/lm		
LEDs/each optic			
Light colour	White		407 400 405
Required compor			
C16784_DAIS	Y-4X1-SHD-WHT		
			30- 15- 30-
	2		50°
LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC		
FWHM	79.0°		73, 75,
Efficiency	94 %		
Peak intensity	0.6 cd/lm		
LEDs/each optic		and the second	
Light colour	White		95"
Required compor	ients:		
	Y-4X1-SHD2-WHT-MATT		
			30. 20.
TEPLOM	2		135 ¹ 0 ⁴ 35 ⁵
eeeeee group			90* <u>90</u> *
LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC		75*
FWHM	80.0 + 77.0°		
Efficiency	83 %	and the second	60 ⁴ 60 ⁴
Peak intensity	0.6 cd/lm	and the second second second second	
LEDs/each optic		and the second	
Light colour	White		40°
Required compor			400
C17422_DAIS	Y-4X1-SHD2-MATT		
			364 36
			10 0, 10



LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16590_DAISY	LLE 24x140mm 400lm 827-865 LVD ADV1 76.0° 85 % 0.6 cd/lm 4 White nents:	54 ⁴ 50 64 64 65 66 66 66 66 67 67 67 67 67 67
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16784_DAIS	LLE 24x140mm 400lm 827-865 LVD ADV1 76.0° 94 % 0.6 cd/lm 4 White	
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16590_DAISY	LLE 24x140mm 400lm 8x0 LVD ADV1 76.0° 85 % 0.6 cd/lm 4 White nents:	94° 94° 75° 75° 97° 860 97° 860 94° 95° 97° 860 96° 95°
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C16784_DAIS	LLE 24x140mm 400lm 8x0 LVD ADV1 77.0° 94 % 0.6 cd/lm 4 White	332, 04, 122, 90, 24, 900 92, 92, 64, 500 95, 95, 26, 500 95, 95, 26, 500 95, 95, 26, 500 95, 95,



PHOTOMETRIC DATA (MEASURED):

TRIDONIC

 LED
 LLE 24x280mm 750lm 8x0 LVD ADV1

 FWHM
 76.0°

 Efficiency
 94 %

 Peak intensity
 0.6 cd/lm

 LEDs/each optic
 4

 Light colour
 White

 Required components:
 C16784_DAISY+4X1-SHD-WHT

TRIDONIC

 LED
 LLE 24x280mm 750lm 8x0 LVD ADV1

 FWHM
 76.0°

 Efficiency
 85 %

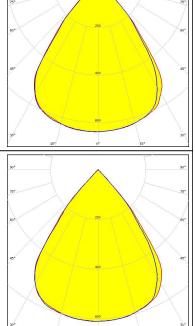
 Peak intensity
 0.6 cd/lm

 LEDs/each optic
 4

 Light colour
 White

 Required components:
 C16590_DAISY+4X1-SHD







PHOTOMETRIC DATA (SIMULATED):

UMILEI	DS	90* 90
LED	LUXEON 3535L	73
FWHM	76.0°	
Efficiency	90 %	60° - 200 - 60
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	45 ⁴
Required componen		
C16590_DAISY-4	X1-SHD	
		30° 30 133 0° 15°
	DS	90*
LED	LUXEON 5050 Round LES	
FWHM	76.0°	73
Efficiency	90 %	- 200
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	45° 400 65
Required componen	ts:	
C16590_DAISY-4	X1-SHD	
		30%
Ø ΝΙCΗΙΛ		415 [°] 0 [°] 13 [°]
	NF2W757G-MT (Tunable White)	
LED		73*
FWHM	76.0 + 78.0°	72 72
FWHM Efficiency	76.0 + 78.0° 90 %	22 61
FWHM Efficiency Peak intensity	76.0 + 78.0° 90 % 0.7 cd/lm	200
FWHM Efficiency Peak intensity LEDs/each optic	76.0 + 78.0° 90 % 0.7 cd/lm 2	
FWHM Efficiency Peak intensity LEDs/each optic Light colour	76.0 + 78.0° 90 % 0.7 cd/lm 2 Tunable White	27 - 20 61 - 10 7 - 10 7 - 10 10 10 10 10 10 10 10 10 10 10 10 10 1
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	76.0 + 78.0° 90 % 0.7 cd/lm 2 Tunable White ts:	
FWHM Efficiency Peak intensity LEDs/each optic Light colour	76.0 + 78.0° 90 % 0.7 cd/lm 2 Tunable White ts:	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	76.0 + 78.0° 90 % 0.7 cd/lm 2 Tunable White ts:	2 ¹
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16590_DAISY-4	76.0 + 78.0° 90 % 0.7 cd/lm 2 Tunable White ts:	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16590_DAISY-4	76.0 + 78.0° 90 % 0.7 cd/lm 2 Tunable White ts: X1-SHD	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16590_DAISY-4	76.0 + 78.0° 90 % 0.7 cd/lm 2 Tunable White ts: X1-SHD NF2W757G-MT (Tunable White)	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16590_DAISY-4	76.0 + 78.0° 90 % 0.7 cd/lm 2 Tunable White ts: X1-SHD NF2W757G-MT (Tunable White) 76.0°	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16590_DAISY-4	76.0 + 78.0° 90 % 0.7 cd/lm 2 Tunable White ts: X1-SHD NF2W757G-MT (Tunable White) 76.0° 90 %	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16590_DAISY-4	76.0 + 78.0° 90 % 0.7 cd/lm 2 Tunable White ts: X1-SHD NF2W757G-MT (Tunable White) 76.0° 90 % 0.7 cd/lm	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16590_DAISY-4	76.0 + 78.0° 90 % 0.7 cd/lm 2 Tunable White ts: X1-SHD NF2W757G-MT (Tunable White) 76.0° 90 % 0.7 cd/lm 4	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16590_DAISY-4	76.0 + 78.0° 90 % 0.7 cd/lm 2 Tunable White ts: X1-SHD NF2W757G-MT (Tunable White) 76.0° 90 % 0.7 cd/lm 4 Tunable White	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16590_DAISY-4	76.0 + 78.0° 90 % 0.7 cd/lm 2 Tunable White ts: X1-SHD NF2W757G-MT (Tunable White) 76.0° 90 % 0.7 cd/lm 4 Tunable White ts:	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16590_DAISY-4	76.0 + 78.0° 90 % 0.7 cd/lm 2 Tunable White ts: X1-SHD NF2W757G-MT (Tunable White) 76.0° 90 % 0.7 cd/lm 4 Tunable White ts:	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen C16590_DAISY-4	76.0 + 78.0° 90 % 0.7 cd/lm 2 Tunable White ts: X1-SHD NF2W757G-MT (Tunable White) 76.0° 90 % 0.7 cd/lm 4 Tunable White ts:	



PHOTOMETRIC DATA (SIMULATED):

OSRAM		
Opto Semiconductors		50 ⁴ 50
LED	Duris E 2835	75 75
FWHM	80.0°	
Efficiency	83 %	60
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	an a
Required componer		10
C16590_DAISY-4	X1-SHD	
		30 ⁴ 00 30 ⁷
OSRAM Opto Semiconductors		90
LED	Duris S8	
FWHM	76.0°	
Efficiency	90 %	
Peak intensity	0.7 cd/lm	90°
LEDs/each optic	1	
Light colour	White	ar and a second s
Required componer		
C16590_DAISY-4		
010000_0/101		
		30° 0° 15° 30
OSRAM Opto Semiconductors		804 80
	Duris S8	
LED	Duris S8 76.0°	
LED FWHM	76.0°	20
LED FWHM Efficiency	76.0° 95 %	9 ² 200 69
LED FWHM Efficiency Peak intensity	76.0° 95 % 0.7 cd/lm	20 20 eq
LED FWHM Efficiency Peak intensity LEDs/each optic	76.0° 95 % 0.7 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	76.0° 95 % 0.7 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	76.0° 95 % 0.7 cd/lm 1 White ts:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	76.0° 95 % 0.7 cd/lm 1 White ts:	200 - 200 -
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	76.0° 95 % 0.7 cd/lm 1 White ts:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer C16784_DAISY-4	76.0° 95 % 0.7 cd/lm 1 White ts: X1-SHD-WHT	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer C16784_DAISY-4	76.0° 95 % 0.7 cd/lm 1 White ts: X1-SHD-WHT	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	76.0° 95 % 0.7 cd/lm 1 White ts: X1-SHD-WHT	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer C16784_DAISY-4	76.0° 95 % 0.7 cd/lm 1 White ts: X1-SHD-WHT	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer C16784_DAISY-4	76.0° 95 % 0.7 cd/lm 1 White ts: X1-SHD-WHT	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer C16784_DAISY-2 SAMSU LED FWHM Efficiency	76.0° 95 % 0.7 cd/lm 1 White ts: X1-SHD-WHT VG LH351B 79.0°	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer C16784_DAISY-4 SAMSU LED FWHM Efficiency Peak intensity	76.0° 95 % 0.7 cd/lm 1 White ts: X1-SHD-WHT VG LH351B 79.0° 90 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer C16784_DAISY-4 SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic	76.0° 95 % 0.7 cd/lm 1 White ts: X1-SHD-WHT VG LH351B 79.0° 90 % 0.6 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer C16784_DAISY-4 SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	76.0° 95 % 0.7 cd/lm 1 White ts: X1-SHD-WHT V G LH351B 79.0° 90 % 0.6 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer C16784_DAISY-4 SANNSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	76.0° 95 % 0.7 cd/lm 1 White ts: X1-SHD-WHT VG LH351B 79.0° 90 % 0.6 cd/lm 1 White ts:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer C16784_DAISY-4 SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	76.0° 95 % 0.7 cd/lm 1 White ts: X1-SHD-WHT VG LH351B 79.0° 90 % 0.6 cd/lm 1 White ts:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer C16784_DAISY-4 SAMSUI LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	76.0° 95 % 0.7 cd/lm 1 White ts: X1-SHD-WHT VG LH351B 79.0° 90 % 0.6 cd/lm 1 White ts:	



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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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