

# DAISY-28X1-W-B-D

 ${\sim}50^\circ$  wide beam. Variant with diffused 7X1 lenses.

### **SPECIFICATION:**

Dimensions	1140.0 x 40.0 mm
Height	20.2 mm
Fastening	pin, screw, clips
ROHS compliant	yes 🕕



### MATERIALS:

Component	Туре	Material	Colour	Finish
C17362_DAISY-7X1-W-D	Linear lens	PMMA	milky	
C17482_DAISY-28X1-SHD-WHT-MATT	Shade	PC	white	matt
C17481_DAISY-28X1-SHD-MATT	Shade	PC	black	matt
C16783_DAISY-28X1-SHD-WHT	Shade	PC	white	gloss
C16585_DAISY-28X1-SHD	Shade	PC-ABS	black	gloss

### **ORDERING INFORMATION:**

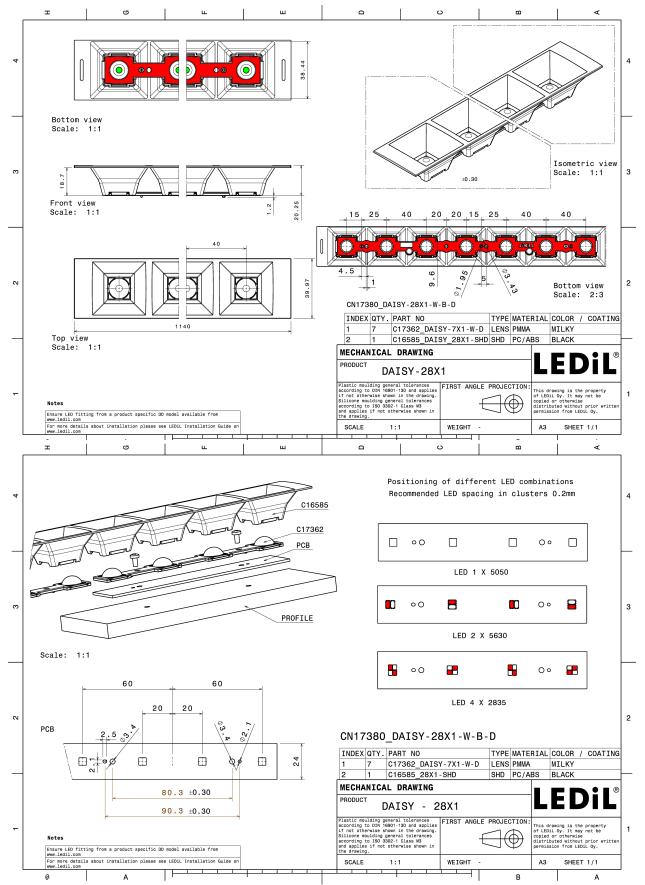
#### Quantities for one set:

Linear lens	4
Shade	1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C17362_DAISY-7X1-W-D » Box size: 400 x 300 x 300 mm	Linear lens	312	312	24	6.3
C17481_DAISY-28X1-SHD-MATT » Box size: 1185 x 385 x 125 mm	Shade	48	48	48	8.6
C16585_DAISY-28X1-SHD » Box size: 1185 x 385 x 125 mm	Shade	48	48	48	8.4
C17482_DAISY-28X1-SHD-WHT-MATT » Box size: 1185 x 385 x 125 mm	Shade	48	48	48	8.7
C16783_DAISY-28X1-SHD-WHT » Box size: 1185 x 385 x 125 mm	Shade	48	48	48	8.8





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



AUDAX ELECTRONICS		90* 90*
LED	LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm	
FWHM / FWTM	63.5° / 88.5°	73*
Efficiency	78 %	-200
Peak intensity	0.8 cd/lm	
LEDs/each optic	4	
Light colour	White	45*
Required compone		
C16585_DAISY		
		30.
		12, 0, 12,
AUDAX		90° 90°
LED	LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm	75*
FWHM / FWTM	63.5° / 90.0°	200
Efficiency	90 %	60°
Peak intensity	0.8 cd/lm	
LEDs/each optic	4	460
Light colour	White	42. 42.
Required compone	ents:	
C17527_DAISY	-28X1-SHD-MET	
		30- 170 00 170 300
AUDAA		90°
AUDAX ELECTRONICS		90 <sup>4</sup>
LED	LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm	31. 24. 24.
LED FWHM / FWTM	64.5° / 93.0°	200 201 202
LED FWHM / FWTM Efficiency	64.5° / 93.0° 90 %	64. 60, 200 - 20 32 25. 26 25. 26 26.
LED FWHM / FWTM Efficiency Peak intensity	64.5° / 93.0° 90 % 0.8 cd/lm	64. 269 261 262 263 264 264 264 264 264 264 264 264 264 264
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	64.5° / 93.0° 90 % 0.8 cd/lm 4	51 <sup>4</sup> 51 <sup>4</sup> 51 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	64.5° / 93.0° 90 % 0.8 cd/lm 4 White	91 91 91 91 91 91 91 91 91 91 91 91 91 91 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	64.5° / 93.0° 90 % 0.8 cd/lm 4 White ents:	32. 30.   34. 30.   30. 61.   30. 61.   30. 61.   30. 61.   30. 61.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	64.5° / 93.0° 90 % 0.8 cd/lm 4 White	5° 50° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	64.5° / 93.0° 90 % 0.8 cd/lm 4 White ents:	5°. 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	64.5° / 93.0° 90 % 0.8 cd/lm 4 White ents: -28X1-SHD-WHT	200 201 201 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	64.5° / 93.0° 90 % 0.8 cd/lm 4 White onts: -28X1-SHD-WHT	91 91   92 90   93 90   93 90   93 90   93 90   93 90   93 90   94 95
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	64.5° / 93.0° 90 % 0.8 cd/lm 4 White onts: -28X1-SHD-WHT	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	64.5° / 93.0° 90 % 0.8 cd/lm 4 White ents: -28X1-SHD-WHT	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	64.5° / 93.0° 90 % 0.8 cd/lm 4 White ents: -28X1-SHD-WHT LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	64.5° / 93.0° 90 % 0.8 cd/lm 4 White ents: -28X1-SHD-WHT LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm 63.5° / 91.0°	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	64.5° / 93.0° 90 % 0.8 cd/lm 4 White ents: -28X1-SHD-WHT LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm 63.5° / 91.0° 88 %	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	64.5° / 93.0° 90 % 0.8 cd/lm 4 White ents: -28X1-SHD-WHT LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm 63.5° / 91.0° 88 % 0.8 cd/lm	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	64.5° / 93.0° 90 % 0.8 cd/lm 4 White ents: -28X1-SHD-WHT LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm 63.5° / 91.0° 88 % 0.8 cd/lm 4 White	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	64.5° / 93.0° 90 % 0.8 cd/lm 4 White ents: -28X1-SHD-WHT LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm 63.5° / 91.0° 88 % 0.8 cd/lm 4 White	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	64.5° / 93.0° 90 % 0.8 cd/lm 4 White IIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm 63.5° / 91.0° 88 % 0.8 cd/lm 4 White ints:	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	64.5° / 93.0° 90 % 0.8 cd/lm 4 White IIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm 63.5° / 91.0° 88 % 0.8 cd/lm 4 White ints:	20 20 20 20 20 20 20 20 20 20



-			
AUDAX ELECTRONICS			50°
LED	LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm		
FWHM / FWTM	63.0° / 88.0°		21
Efficiency	77 %		-200
Peak intensity	0.8 cd/lm		$\sim$ $\times$ $\sim$ $\sim$ $\sim$
LEDs/each optic	4		
Light colour	White		gy
Required compone			
	-28X1-SHD-MATT		600
_			
			316 326
			15° 0° 15°
AUDAX			50° 50°
LED	LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm		
FWHM / FWTM	64.5° / 92.0°		73*
Efficiency	89 %		- 200-
Peak intensity	0.8 cd/lm		60 <sup>17</sup> X 60 <sup>14</sup>
LEDs/each optic	4		400
Light colour	White		gr
Required compone			
	-28X1-SHD-WHT-MATT		
			30" 30" 30"
MST Your solu	tions		90 <sup>4</sup>
LED	LinLED 1120x28mm 4400lm 8x0 4C Opt G1		
FWHM / FWTM	64.0° / 89.0 + 88.5°		235
Efficiency	77 %		400
Peak intensity	0.7 cd/lm		
LEDs/each optic	4		
Light colour	White	and the second se	gr 000 gr
Required compone	ents:		
C16585_DAISY	-28X1-SHD		
			1200
			300 000
NCT			235 <sup>1</sup> 0 <sup>h</sup> 135 <sup>2</sup>
MST Your solu			90*
LED	LinLED 1120x28mm 4400lm 8x0 4C Opt G1		75'
FWHM / FWTM	64.0° / 91.0 + 90.5°		400
Efficiency	88 %		60*
Peak intensity	0.8 cd/lm		
LEDs/each optic	4		
Light colour	White		8°.
Required compone			
C17527_DAISY	-28X1-SHD-MET		
			30° 1000 30° 30°
1			15° 0° 35°



NST Your solut	LinLED 1120x28mm 4400lm 8x0 4C Opt G1	and the second se	50°
FWHM / FWTM	65.5 + 65.0° / 93.0 + 93.5°		
Efficiency	88 %		60° 60°
Peak intensity	0.8 cd/lm		
LEDs/each optic	4		
Light colour	White		
Required compone			
C16783_DAISY	-28X1-SHD-WHT		1230
			30* 30* 30* 30*
MST Your solut	tions		50 <sup>3</sup>
LED	LinLED 1120x28mm 4400lm 8x0 4C Opt G1		
FWHM / FWTM	64.0° / 91.5°		73
Efficiency	87 %		400 60°
Peak intensity	0.8 cd/lm		$r \times / / \times \gamma$
LEDs/each optic	4		
Light colour	White		97 / × ×
Required compone	ents:		
C17537_DAISY	-28X1-SHD-MET-MATT		1230
			30 <sup>4</sup> 1600 30 <sup>4</sup> 30 <sup>4</sup>
MST Your solut	tions		90 <sup>4</sup>
LED	LinLED 1120x28mm 4400lm 8x0 4C Opt G1		75*
FWHM / FWTM	64.0 + 63.5° / 89.5 + 89.0°		
Efficiency	76 %		60° 60°
Peak intensity	0.7 cd/lm		
LEDs/each optic	4		
Light colour	White		
Required compone			
C17481_DAISY	-28X1-SHD-MATT		1220
			30 - 15 - 00 - 15 - 30
MST Your solut	tions		90° 90°
LED	LinLED 1120x28mm 4400lm 8x0 4C Opt G1		
FWHM / FWTM	65.0° / 93.0°		73.
Efficiency	88 %		400
Peak intensity	0.8 cd/lm		$r \times / \wedge \wedge \wedge \wedge$
LEDs/each optic	4		
Light colour	White		
Required compone	ents:		
C17482_DAISY	-28X1-SHD-WHT-MATT		1200
			36* 36*
			150



NICHI/	NF2W757G-MT (Tunable White)	32°
FWHM / FWTM	62.0° / 86.0°	
Efficiency Peak intensity	93 % 0.9 cd/lm	
LEDs/each optic	1	
Light colour	Tunable White	er er
Required compone		
	/-28X1-SHD-WHT	
		210 25 25
ØNICHI/	١	5)* 5)*
LED	NF2W757G-MT (Tunable White)	
FWHM / FWTM	61.0° / 84.0°	
Efficiency	82 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	Tunable White	
Required compone		
C16585_DAISY	7-28X1-SHD	
OSRAN	4	34 <sup>3</sup> 20 <sup>7</sup> 0 <sup>2</sup> 30 <sup>4</sup>
LED	PL-LIN-3500-8xx 1120X24	7'
FWHM / FWTM	65.0° / 90.0° 76 %	
Efficiency Peak intensity	0.7 cd/lm	50×
LEDs/each optic	4	
Light colour	4 White	g. 40
Required compone		
C16585_DAISY		
		34 07 07 07 37
OSRAN	1	10
LED	PL-LIN-4000 560x24mm	
FWHM / FWTM	64.0° / 89.0°	
Efficiency	76 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	4	
Light colour	White	
Required compone	ents:	
C17481_DAISY	/-28X1-SHD-MATT	
		245 47 47 32



0.0.0.0			
SAMSI	JNG	99 <sup>4</sup>	90*
LED	LM28xB Series		
FWHM / FWTM	62.0° / 88.0°	75 200	75*
Efficiency	92 %		60*
Peak intensity	0.9 cd/lm		7
LEDs/each optic	1		
Light colour	White	er de la companya de	45°
Required compone	ents:		
C16783_DAISY	-28X1-SHD-WHT		
		30-	36.
SAMSI	ING	55° 0° 155°	90*
LED			
FWHM / FWTM	LM28xB Series 61.0° / 85.0°	3	
Efficiency	81.0° / 85.0° 82 %		
Peak intensity	82 % 0.9 cd/lm	600	60*
LEDs/each optic	1		
Light colour	White		45*
Required compone			
C16585_DAISY			
C 10303_DAIS1	-2001-311D		
		120	
		30 <sup>4</sup> 15 <sup>5</sup> 0 <sup>4</sup> 15 <sup>3</sup>	30.
	າວ	80*	90°
		55*	90°
LED	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC	25	90° 75*
LED FWHM / FWTM	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0°		90°
LED FWHM / FWTM Efficiency	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 %	99 <sup>4</sup> 27 19	90* 75* 60*
LED FWHM / FWTM Efficiency Peak intensity	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm	99* 72* 90	90° 75°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1	59* 72* 200 50*	80° 25°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1 White	99 <sup>4</sup> 72 69 74 70 70 74 70 70 70 70 70 70 70	90° 75°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1 White ents:	99 <sup>4</sup> 75 60 <sup>4</sup> 67 40	90° 75°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1 White	5° 20 5° 20 5° 20	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1 White ents:		90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1 White ents: -28X1-SHD-WHT		90° 75°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1 White ents: -28X1-SHD-WHT		90° 
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1 White ents: -28X1-SHD-WHT		90, 91, 92, 92, 92, 93,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1 White ents: -28X1-SHD-WHT		91 <sup>4</sup> 91 <sup>4</sup> 91 <sup>4</sup> 91 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1 White ents: -28X1-SHD-WHT		91 <sup>4</sup> 91 <sup>4</sup> 91 <sup>4</sup> 91 <sup>4</sup> 91 <sup>4</sup> 91 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1 White ents: -28X1-SHD-WHT PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 68.0° / 94.0°		81 25 25 25 25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1 White ents: -28X1-SHD-WHT PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 68.0° / 94.0° 71 %		82 82 82 82 82 84 84
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1 White ents: '-28X1-SHD-WHT PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 68.0° / 94.0° 71 % 0.6 cd/lm		81, 81, 82, 82, 82, 82, 82, 82, 82, 84, 84, 84, 84, 84, 84, 84, 84, 84, 84
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1 White ents: -28X1-SHD-WHT PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 68.0° / 94.0° 71 % 0.6 cd/lm 1 White		91 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 compone C16783_DAISY	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1 White ents: -28X1-SHD-WHT PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 68.0° / 94.0° 71 % 0.6 cd/lm 1 White ents:		97 97 97
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1 White ents: -28X1-SHD-WHT PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 68.0° / 94.0° 71 % 0.6 cd/lm 1 White ents:		61 61 81 81 81 81 81
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 70.0° / 100.0° 87 % 0.6 cd/lm 1 White ents: -28X1-SHD-WHT PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC 68.0° / 94.0° 71 % 0.6 cd/lm 1 White ents:		84 81 82 82 82 84 84 84 84 84



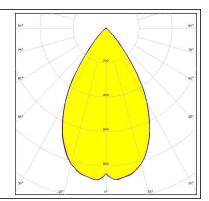
### **OPTICAL RESULTS (SIMULATED):**

# TRIDONIC

LED

FWHM / FWTM64.0° / 88.0Efficiency92 %Peak intensity0.9 cd/lmLEDs/each optic1Light colourWhiteRequired components:C16783\_DAISY-28X1-SHD-WHT

LLE 24x280mm 750lm 8x0 LVD ADV1 64.0° / 88.0° 92 % 0.9 cd/lm 1 White





#### **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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