

# DAISY-2X2-WW

~80° wide beam

#### **SPECIFICATION:**

Dimensions	79.5 x 79.5 mm
Height	21 mm
Fastening	pin, screw, clips
ROHS compliant	yes 🛈



PRODUCT DATASHEET

DAISY-2X2-WW

#### **MATERIALS:**

Component C16862\_DAISY-2X2-WW C17484\_DAISY-2X2-SHD-WHT-MATT C17483\_DAISY-2X2-SHD-MATT C16875\_DAISY-2X2-SHD-WHT C16866\_DAISY-2X2-SHD

Туре
Multi-lens
Shade
Shade
Shade
Shade

Material	Colour	Finish
PMMA	clear	
PC	white	matt
PC	black	matt
PC	white	gloss
PC	black	gloss

#### **ORDERING INFORMATION:**

Quantities for one set:

Multi-lens 1 Shade 1

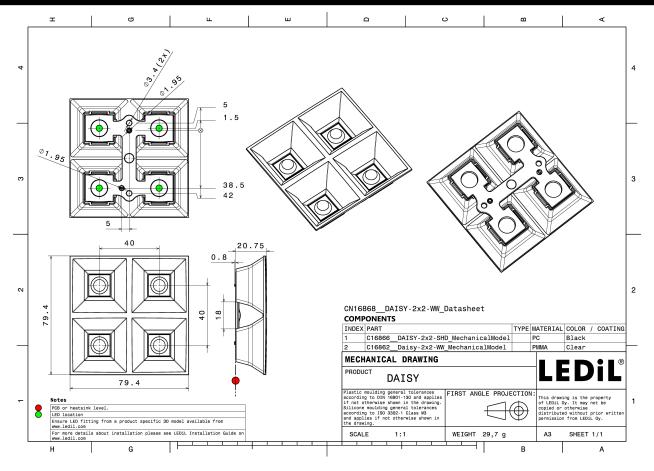


# PRODUCT DATASHEET DAISY-2X2-WW

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16862_DAISY-2X2-WW » Box size: 400 x 300 x 300 mm	Multi-lens	440	440	20	5.0
C16866_DAISY-2X2-SHD » Box size: 400 x 300 x 300 mm	Shade	186	440	20	5.3
C16875_DAISY-2X2-SHD-WHT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	5.3
C17483_DAISY-2X2-SHD-MATT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	5.2
C17484_DAISY-2X2-SHD-WHT-MATT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	5.4



# PRODUCT DATASHEET DAISY-2X2-WW



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





-			
AUDAX ELECTRONICS			90* 90*
LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm		
FWHM / FWTM	76.0° / 87.5°		75
Efficiency	95 %		200
Peak intensity	0.7 cd/lm		60°
LEDs/each optic	4	and the second se	
Light colour	White		age 400.
Required compone			
	-2X2-SHD-WHT-MATT		
			500
			304
			15% 0% 35%
AUDAX ELECTRONICS			90* 90*
LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm		
FWHM / FWTM	76.0° / 87.0°		73°
Efficiency	87 %		200
Peak intensity	0.6 cd/lm		
LEDs/each optic	4		
Light colour	White		45° 400
Required compone	ents:		
C16866_DAISY			
			30° 30°
			15° 0° 15°
AUDAX			50° 50°
LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm		
FWHM / FWTM	74.0° / 87.0°		
Efficiency	96 %		60° 60°
Peak intensity	0.7 cd/lm		
LEDs/each optic	4		
Light colour	White		400 43*
Required compone	ents:		
C17530_DAISY	-2X2-SHD-MET		
			30. 33.
AUDAX			
ELECTRONICS			90* 90*
LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm		25
FWHM / FWTM	76.0° / 87.5°		
Efficiency	95 %		60° - 200 - 60°
Peak intensity	0.7 cd/lm		
LEDs/each optic	4		
Light colour	White		45° 400
Required compone			
C16875_DAISY	-2X2-SHD-WHT		
			36. 34.
1			15° 0° 15°





AUDAX			50° 50°
LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm		
FWHM / FWTM	75.0° / 87.0°		73'
Efficiency	94 %		
Peak intensity	0.7 cd/lm		60 <sup></sup> 60 <sup></sup>
LEDs/each optic	4		$\sim$
Light colour	White		400 63*
Required compone	ents:		
	-2X2-SHD-MET-MATT		
			30 <sup>6</sup> 30 <sup>6</sup> 30 <sup>6</sup>
AUDAX ELECTRONICS			90*
LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm		
FWHM / FWTM	76.0° / 87.0°		75* 75*
Efficiency	86 %		
Peak intensity	0.6 cd/lm		<sup>60</sup>
LEDs/each optic	4		
Light colour	White		45* 400
Required compone	ents:		
	-2X2-SHD-MATT		
			30° 30° 30°
m.al			90* 90*
LED	Opticus Daisy M 2x2 4P		
FWHM / FWTM	77.0° / 88.0°		73*
Efficiency	85 %		200
Peak intensity	0.6 cd/lm		
LEDs/each optic	4		
Light colour	White	AND IN COMPANY OF A DESCRIPTION OF A DESCRIPANTA DESCRIPTION OF A DESCRIPTION OF A DESCRIPTION OF A DESCRIPO	95 <sup>2</sup> 45*
Required compone	ents:		
C17483_DAISY	-2X2-SHD-MATT		
			30° 860 36° 36°
MST Your solu	tions		50* 50*
LED	RecLED 62x62mm 1600lm 827-865 36V G1		
FWHM / FWTM	74.0° / 86.0°		75*
Efficiency	94 %		60 <sup>4</sup> 60*
Peak intensity	0.7 cd/lm		
LEDs/each optic	4		
Light colour	Tunable White		es <sup>2</sup> - 400
Required compone			
C17530_DAISY	-2X2-SHD-MET		
1			30* 30*





MCT		
Your solut	tions	90 <sup>4</sup> 90
LED	RecLED 62x62mm 1600lm 827-865 36V G1	
FWHM / FWTM	76.0° / 87.0°	
Efficiency	95 %	w <sup>2</sup>
Peak intensity	0.7 cd/lm	
LEDs/each optic	4	
Light colour	Tunable White	g* a
Required compone	ints:	
		30 <sup>4</sup> 30 <sup>3</sup> 40 <sup>4</sup> 30 <sup>4</sup>
MST Your solut	tions	90 <sup>4</sup>
LED	RecLED 62x62mm 1600lm 827-865 36V G1	
FWHM / FWTM	75.0° / 87.0°	
Efficiency	91 %	es - 200
Peak intensity	0.7 cd/lm	
LEDs/each optic	4	
Light colour	Tunable White	g* a
Required compone	ints:	
C17536_DAISY	-2X2-SHD-MET-MATT	
		20 00 10 <sup>1</sup>
MST Your solut	tions	8° 80
LED	RecLED 62x62mm 1600lm 827-865 36V G1	
FWHM / FWTM	75.0° / 86.0°	37 38
Efficiency	85 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	4	
Light colour	Tunable White	er ua
Required compone	nts:	
	-2X2-SHD-MATT	
		34
MST Your solut	tions	20 <sup>1</sup> 0 <sup>4</sup> 20 <sup>2</sup>
	Pool ED 62x62mm 16001m 827 865 261/ 04	
	RecLED 62x62mm 1600lm 827-865 36V G1	72
FWHM / FWTM	75.0° / 87.0°	
Efficiency Book intensity	94 %	
Peak intensity LEDs/each optic	0.7 cd/lm 4	
LEDS/each optic	4 Tunable White	
Required compone		
C17464_DAISY	-2X2-SHD-WHT-MATT	
		30° 30
		<u>135'</u> 0 <sup>n</sup> <u>15</u> '





MST Your solu	tions	34
LED	RecLED 62x62mm 1600lm 827-865 36V G1	
FWHM / FWTM	75.0° / 86.0°	37
Efficiency	86 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	4	
Light colour	Tunable White	2 <sup>24</sup> 400
Required compone	ents:	
C16866_DAISY		
		24
MST Your solu	tions	10° 0° 15°
LED FWHM / FWTM	RecLED 62x62mm 1600lm 8x0 36V G1 75.0° / 87.0°	
Efficiency	91 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	4	
Light colour	4 White	er- 40
Required compone		
	-2X2-SHD-MET-MATT	
01/000_D/101		
		30° 125° 0° 15°
MST Your solu	tions	9 <sup>2</sup>
LED	RecLED 62x62mm 1600lm 8x0 36V G1	
FWHM / FWTM	76.0° / 87.0°	78
Efficiency	85 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	4	
Light colour	White	57 UI
Required compone	ents:	
C17483_DAISY	-2X2-SHD-MATT	
		36-
MOT		
MST Your solu	tions	50°*
LED	RecLED 62x62mm 1600lm 8x0 36V G1	
FWHM / FWTM	76.0° / 87.0°	
Efficiency	94 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	4	
Light colour	White	9° / 40
Required compone		
C17484_DAISY	-2X2-SHD-WHT-MATT	
		20
		( <u>157</u> ) <u>op</u>





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MST Your solu	tions	50*
LED	RecLED 62x62mm 1600lm 8x0 36V G1	
FWHM / FWTM	75.0° / 87.0°	8
Efficiency	86 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	4	
Light colour	White	er er
Required compone		
C16866_DAISY		
		30"
		135 <sup>4</sup> 0 <sup>3</sup> 15 <sup>9</sup>
MST Your solu	tions	90 <sup>4</sup>
LED	RecLED 62x62mm 1600lm 8x0 36V G1	
FWHM / FWTM	74.0° / 87.0°	
Efficiency	94 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	4	
Light colour	White	
Required compone	ents:	
		135 02 335
MST Your solu	tions	55* 50*
LED	RecLED 62x62mm 1600lm 8x0 36V G1	
FWHM / FWTM	76.0° / 88.0°	
Efficiency	94 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	4	
Light colour	White	
Required compone	ents:	
C16875_DAISY	-2X2-SHD-WHT	
ØNICHI/		
		99*
LED	NF2W757G-MT (Tunable White)	70
FWHM / FWTM	79.0° / 85.0°	
Efficiency	86 %	60 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -
Peak intensity	0.6 cd/lm	
LEDs/each optic	1 Tunable White	
Light colour		e /
Required compone		
C16866_DAISY	-272-940	
		30* <u>15</u> * <u>60</u> 15* 30*





ØNICHI/		80 <sup>4</sup> 80 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2W757G-MT (Tunable White) 80.0° / 86.0° 97 % 0.6 cd/lm 1 Tunable White	
SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16875_DAISY	LM28xB Series 77.0° / 85.0° 94 % 0.6 cd/lm 1 White	
SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16866_DAISY	LM28xB Series 77.0° / 85.0° 88 % 0.6 cd/lm 1 White ents:	
SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17483_DAISY	LM28xB Series 77.0° / 85.0° 85 % 0.6 cd/lm 1 White	





# **OPTICAL RESULTS (SIMULATED):**

		50*	90*
LED	J Series 2835		
FWHM / FWTM	78.0° / 85.0°	75	1
Efficiency	83 %		
Peak intensity	0.6 cd/lm	900	60.
LEDs/each optic	1		
Light colour	White	or the second	a.
Required components:			
C17483_DAISY-2X			
		30°	72., 30.,
		90°	90*
LED	J Series 5050 Round LES		
FWHM / FWTM	78.0° / 86.0°	72	× ~ ~
Efficiency	84 %		
Peak intensity	0.6 cd/lm		
LEDs/each optic	1		
Light colour	White	g g	45*
Required components:			
C17483_DAISY-2X			
		316	3(*
		15 <sup>9</sup> 0 <sup>0</sup>	15*
		8*	90°
	XD16	94	90*
	XD16 77.0 + °	94 <sup>4</sup> 71 <sup>0</sup>	997
LED FWHM / FWTM		94 75	95 <sup>4</sup>
LED FWHM / FWTM Efficiency	77.0 + °	95 95 96 20	9°
LED FWHM / FWTM Efficiency Peak intensity	77.0 + ° 84 %	95° 75 65° 200	9 <sup>1</sup>
LED FWHM / FWTM Efficiency	77.0 + ° 84 % 0.6 cd/lm	94 <sup>*</sup> 70 91 97	94 97 97
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	77.0 + ° 84 % 0.6 cd/lm 1 White	51 <sup>4</sup> 72 61 61 61 61 61 61 61 61 61 61 61 61 61	** **
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	77.0 + ° 84 % 0.6 cd/lm 1 White	94 <sup>+</sup> 77 65 <sup>+</sup> 67 	8°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	77.0 + ° 84 % 0.6 cd/lm 1 White	94 72 65 - 20 9 	81 81
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	77.0 + ° 84 % 0.6 cd/lm 1 White	94 <sup>+</sup> 200 -	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 components: C16866_DAISY-2X	77.0 + ° 84 % 0.6 cd/lm 1 White	94 <sup>4</sup> 75 97 97 97 90 97 90 90 90 90 90 90	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X	77.0 + ° 84 % 0.6 cd/lm 1 White 2-SHD		10 10 10 10 10 10 10 10 10 10 10 10 10 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X	77.0 + ° 84 % 0.6 cd/lm 1 White 2-SHD		81 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 components: C16866_DAISY-2X	77.0 + ° 84 % 0.6 cd/lm 1 White 2-SHD XD16 78.0° / 86.0°		Ar Ar Ar Ar Ar Ar Ar Ar Ar Ar Ar Ar Ar A
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X	77.0 + ° 84 % 0.6 cd/lm 1 White 2-SHD XD16 78.0° / 86.0° 83 %		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components. C16866_DAISY-2X	77.0 + ° 84 % 0.6 cd/lm 1 White 2-SHD XD16 78.0° / 86.0° 83 % 0.6 cd/lm		44 44 45 45 45 45 45 45 45 45 45 45 45 4
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components. C16866_DAISY-2X	77.0 + ° 84 % 0.6 cd/lm 1 White 2-SHD XD16 78.0° / 86.0° 83 % 0.6 cd/lm 4		100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X C16866_DAISY-2X C16866_DAISY-2X EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	77.0 + ° 84 % 0.6 cd/lm 1 White 2-SHD XD16 78.0° / 86.0° 83 % 0.6 cd/lm 4 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X C16866_DAISY-2X C16866_DAISY-2X EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	77.0 + ° 84 % 0.6 cd/lm 1 White 2-SHD XD16 78.0° / 86.0° 83 % 0.6 cd/lm 4 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X C16866_DAISY-2X C16866_DAISY-2X EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	77.0 + ° 84 % 0.6 cd/lm 1 White 2-SHD XD16 78.0° / 86.0° 83 % 0.6 cd/lm 4 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X C16866_DAISY-2X C16866_DAISY-2X EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	77.0 + ° 84 % 0.6 cd/lm 1 White 2-SHD XD16 78.0° / 86.0° 83 % 0.6 cd/lm 4 White		10 10 10 10 10 10 10 10 10 10 10 10 10 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X C16866_DAISY-2X C16866_DAISY-2X C16866_DAISY-2X C16866_DAISY-2X	77.0 + ° 84 % 0.6 cd/lm 1 White 2-SHD XD16 78.0° / 86.0° 83 % 0.6 cd/lm 4 White		





# **OPTICAL RESULTS (SIMULATED):**

		50%
LED	XQ-E HD	
FWHM / FWTM	76.0° / 84.0°	75
Efficiency	90 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	4	
Light colour	White	gr 40 6r
Required component		
C16866_DAISY-22		
		30 <sup>16</sup>
	DS	50 <sup>16</sup> 30 <sup>1</sup>
LED	LUXEON 5050 Square LES	
EED FWHM / FWTM	77.0° / 87.0°	75
Efficiency	89 %	204
Peak intensity	0.7 cd/lm	98°
LEDs/each optic	1	
Light colour	White	gr 40
Required component		
C16866_DAISY-22		
010000_0/101 2		
		36 <sup>3</sup>
<b>Μ</b> ΝΙCΗΙΛ		50° 50°
LED	NF2W757G-MT (Tunable White)	
FWHM / FWTM	76.0° / 88.0°	75
Efficiency	90 %	20
Peak intensity	0.7 cd/lm	64°
LEDs/each optic	4	
Light colour	Tunable White	9° 40 40
Required component		
C16866_DAISY-22		
		214
		135 Q <sup>4</sup> 157
<b>Μ</b> ΝΙCΗΙΛ		90 <sup>4</sup>
LED	NF2W757G-MT (Tunable White)	
FWHM / FWTM	76.0 + 78.0° / 86.0°	
Efficiency	90 %	60
Peak intensity	0.7 cd/lm	
LEDs/each optic	2	
Light colour	Tunable White	<i>q</i> <sup>2</sup> <u>444</u>
Required component	S:	
C16866_DAISY-2	X2-SHD	
		at.
		15° of 15°





# **OPTICAL RESULTS (SIMULATED):**

000444		
OSRAM Opto Semiconductors		50°
LED	Duris E 2835	7'
FWHM / FWTM	74.0° / 86.0°	
Efficiency	94 %	er <sup>o</sup> er <sup>o</sup>
Peak intensity	0.8 cd/lm	
LEDs/each optic	2	40
Light colour	White	¢.
Required components	8:	
C16875_DAISY-2X2-SHD-WHT		
		Nº X.
		155 <sup>4</sup> 80 15 <sup>4</sup>
OSRAM Opto Semiconductors		50°
LED	Duris E 2835	
FWHM / FWTM	74.0° / 86.0°	
Efficiency	89 %	er*er*
Peak intensity	0.7 cd/lm	
LEDs/each optic	2	
Light colour		
Light colour	White	
Required components		
	S:	
Required components	S:	
Required components	S:	



#### **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

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