

DAISY-8X1-M

~35° wide beam

SPECIFICATION:

Dimensions	305.2 x 38.1 mm
Height	20.3 mm
Fastening	pin, screw, clips
ROHS compliant	yes 🛈



PRODUCT DATASHEET

DAISY-8X1-M

MATERIALS:

Component C17819_DAISY-4X1-M-US C17172_DAISY-8X1-SHD-MATT-WHT C17171_DAISY-8X1-SHD-MATT **Type** Linear lens Shade Shade

Material	Colour	Finish
PMMA	clear	
PC	white	matt
PC	black	matt

ORDERING INFORMATION:

Quantities for one set:

Linear lens 2 Shade 1

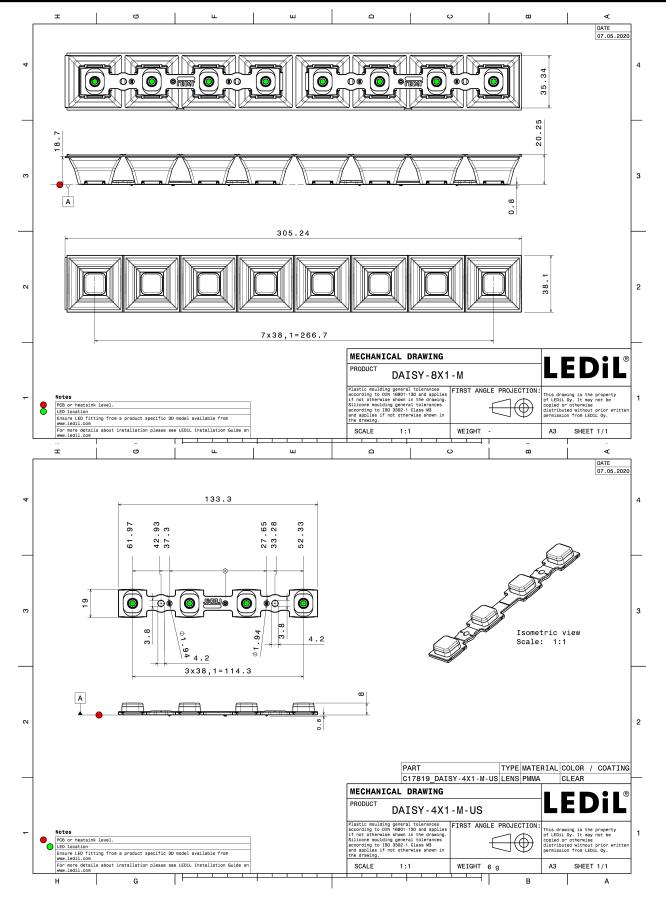
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Component		Qty in box	MOQ	MPQ	Box weight (kg)
C17819_DAISY-4X1-M-US » Box size: 480 x 280 x 300 mm	Linear lens	504	84	84	6.2
C17171_DAISY-8X1-SHD-MATT » Box size: 400 x 300 x 300 mm	Shade	84	42	42	4.0
C17172_DAISY-8X1-SHD-MATT-WHT » Box size: 400 x 300 x 300 mm	Shade	84	42	42	4.2



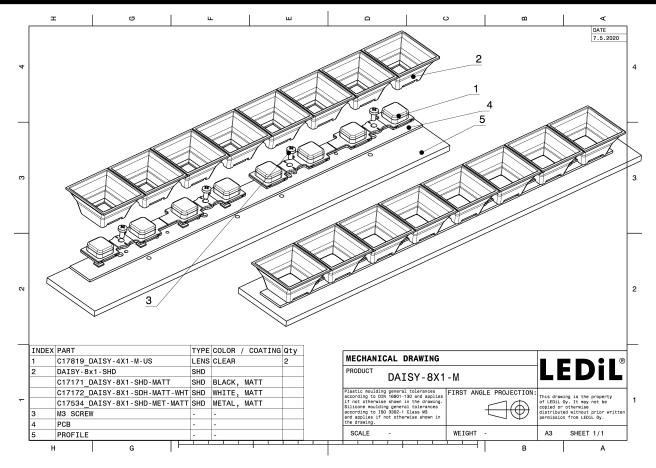
PRODUCT DATASHEET DAISY-8X1-M



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PRODUCT DATASHEET DAISY-8X1-M



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



OPTICAL RESULTS (SIMULATED):

		90 ⁴
LED	J Series 5050 Round LES	
FWHM / FWTM	26.0° / 59.0 + 60.0°	37
Efficiency	86 %	
Peak intensity	2.7 cd/lm	5°
LEDs/each optic	1	
Light colour	White	9 ⁴
Required components		
C17171_DAISY-8X		\sim
		200
		257 0 ⁴ 257
		50 ⁺
LED	J Series 5050 Round LES	
FWHM / FWTM	28.0° / 64.0 + 62.0°	72 A
Efficiency	87 %	
Peak intensity	2.5 cd/lm	6 9*
LEDs/each optic	1	
Light colour	White	9*
Required components		
C17171_DAISY-8X		
_		
		/ ³ 45° 0' 15°
	DS	505
		90 ⁴
LED	LUXEON 5050 Square LES	25
LED FWHM / FWTM	LUXEON 5050 Square LES 32.0° / 70.0°	75
LED FWHM / FWTM Efficiency	LUXEON 5050 Square LES 32.0° / 70.0° 86 %	61. 200 26. 200 26.
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Square LES 32.0° / 70.0°	6x 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1 White	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1 White	50 50 50 50 50 50 50 50 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1 White	94* 23 64 70 700 700
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1 White	9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C17171_DAISY-8X	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1 White : 1-SHD-MATT	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1 White : 1-SHD-MATT	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C17171_DAISY-8X	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1 White : 1-SHD-MATT	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C17171_DAISY-8X	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1 White 1 1-SHD-MATT	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C17171_DAISY-8X	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1 White : 1-SHD-MATT DS LUXEON 5050 Square LES	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C17171_DAISY-8X	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1 White : 1-SHD-MATT DS LUXEON 5050 Square LES 28.0° / 63.0 + 66.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C17171_DAISY-8X	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1 White : 1-SHD-MATT DS LUXEON 5050 Square LES 28.0° / 63.0 + 66.0° 87 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C17171_DAISY-8X	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1 White : 1-SHD-MATT DS LUXEON 5050 Square LES 28.0° / 63.0 + 66.0° 87 % 2.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C17171_DAISY-8X	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1 White I-SHD-MATT LUXEON 5050 Square LES 28.0° / 63.0 + 66.0° 87 % 2.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C17171_DAISY-8X C17171_0_0_0_0_0_0_0_0_0_0_0_0_0_0_0_0_0_	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1 White : 1-SHD-MATT DS LUXEON 5050 Square LES 28.0° / 63.0 + 66.0° 87 % 2.4 cd/lm 1 White :	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C17171_DAISY-8X C17171_0_0_0_0_0_0_0_0_0_0_0_0_0_0_0_0_0_	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1 White : 1-SHD-MATT DS LUXEON 5050 Square LES 28.0° / 63.0 + 66.0° 87 % 2.4 cd/lm 1 White :	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C17171_DAISY-8X C17171_DAISY-8X C17171_DAISY-8X C17171_DAISY-8X C17171_DAISY-8X C17171_DAISY-8X C17171_DAISY-8X C17171_DAISY-8X C17171_DAISY-8X C17171_DAISY-8X C17171_DAISY-8X	LUXEON 5050 Square LES 32.0° / 70.0° 86 % 2 cd/lm 1 White : 1-SHD-MATT DS LUXEON 5050 Square LES 28.0° / 63.0 + 66.0° 87 % 2.4 cd/lm 1 White :	



OPTICAL RESULTS (SIMULATED):

Duris E 2835 HM / FWTM 36.0° / 76.0° isiency 93 % k intensity 1.8 cd/m iss/each optic 2 t colour White uired components: ************************************	FWHM / FWTM36Efficiency93Peak intensity1.	.0° / 76.0°	97 77 00
b Duris E 2835 HM / FWTM 36.0° / 76.0° siency 93 % k intensity 1.8 cd/m is/each optic 2 t colour White uired components: ::17171_DAISY-8X1-SHD-MATT Duris S8 HM / FWTM 32.0 + 34.0° / 70.0 + 72.0° siency 86 % k intensity 1.9 cd/m is/each optic 1 t colour White uired components:	LED D FWHM / FWTM 36 Efficiency 93 Peak intensity 1.	.0° / 76.0°	77 00
HM / FWTM 36.0° / 76.0° tiency 93 % k intensity 1.8 cd/lm is/each optic 2 t colour White uired components: t17171_DAISY-8X1-SHD-MATT Duris S8 HM / FWTM 32.0 + 34.0° / 70.0 + 72.0° tiency 86 % k intensity 1.9 cd/lm is/each optic 1 t colour White uired components:	FWHM / FWTM36Efficiency93Peak intensity1.	.0° / 76.0°	75*
k intensity 1.8 cd/m is/each optic 2 it colour White uired components: 117171_DAISY-8X1-SHD-MATT Duris S8 HM / FWTM 32.0 + 34.0° / 70.0 + 72.0° ciency 86 % k intensity 1.9 cd/m is/each optic 1 it colour White uired components:	Peak intensity 1.	0/_	
k intensity 1.8 cd/lm bs/each optic 2 tt colour White uired components: tr17171_DAISY-8X1-SHD-MATT TO Duris S8 HM / FWTM 32.0 + 34.0° / 70.0 + 72.0° tiency 86 % k intensity 1.9 cd/lm bs/each optic 1 tt colour White uired components:	Peak intensity 1.		
sk/each optic 2 tt colour White uired components: 117171_DAISY-8X1-SHD-MATT DUris S8 HM / FWTM 32.0 + 34.0° / 70.0 + 72.0° tiency 86 % k intensity 1.9 cd/lm ls/each optic 1 tt colour White uired components:			
ti colour White uired components: 217171_DAISY-8X1-SHD-MATT ETTTTT_DAISY-8X1-SHD-MATT Duris S8 HM / FWTM 32.0 + 34.0° / 70.0 + 72.0° biency 86 % k intensity 1.9 cd/m ls/each optic 1 t colour White uired components:	LEDs/each optic 2		
uired components: 117171_DAISY-8X1-SHD-MATT TATAINARY SX1-SHD-MATT CONTINUE S8 HM / FWTM 32.0 + 34.0° / 70.0 + 72.0° Sciency 86 % k intensity 1.9 cd/lm Se/each optic 1 t colour White uired components:		hite	57
E17171_DAISY-8X1-SHD-MATT	Required components:		1200
STRAM beneficiation benefic		D-MATT	\times
Duris S8 HM / FWTM 32.0 + 34.0° / 70.0 + 72.0° biency 86 % k intensity 1.9 cd/lm 0s/each optic 1 tt colour White uired components:			
Duris S8 HM / FWTM 32.0 + 34.0° / 70.0 + 72.0° biency 86 % k intensity 1.9 cd/lm 0s/each optic 1 tt colour White uired components:			30°
emiconductors Duris S8 HM / FWTM 32.0 + 34.0° / 70.0 + 72.0° stency 86 % k intensity 1.9 cd/lm 0s/each optic 1 t colour White uired components:			15°
HM / FWTM 32.0 + 34.0° / 70.0 + 72.0° diency 86 % k intensity 1.9 cd/lm bs/each optic 1 ct colour White uired components:	OSRAM Opto Semiconductors		90*
siency 86 % k intensity 1.9 cd/lm bs/each optic 1 uit colour White uired components:	LED D	ıris S8	
k intensity 1.9 cd/lm Is/each optic 1 It colour White uired components:	FWHM / FWTM 32	.0 + 34.0° / 70.0 + 72.0°	- 400
k intensity 1.9 cd/lm Is/each optic 1 It colour White uired components:	Efficiency 86	%	
t colour White uired components:		9 cd/lm	
uired components:	LEDs/each optic 1		
	Light colour W	hite	
t17171_DAISY-8X1-SHD-MATT	Required components:		
	C17171_DAISY-8X1-SH	D-MATT	1600
			\times / \checkmark \times
30* 2000			30- 2000
	0.		(13 ⁵) 0 ⁵ 13 ⁵
	SAMSUN	j	90*
LH231B	LED Lł	I231B	
HM / FWTM 20.0° / 39.0 + 38.0°	FWHM / FWTM 20	.0° / 39.0 + 38.0°	
siency 86 %	Efficiency 86	%	500
k intensity 4.8 cd/lm	Peak intensity 4.	3 cd/lm	$(\ \) / / (\) \) $
Is/each optic 1	LEDs/each optic 1		
t colour White	Light colour W	hite	95° 3200
	Required components:		
	C17171_DAISY-8X1-SH	D-MATT	
uired components: :17171_DAISY-8X1-SHD-MATT			
			36°
	CUNCIINI		
217171_DAISY-8X1-SHD-MATT			90*
AMSUNG			75
CITITI_DAISY-8X1-SHD-MATT			
CONTRACT Image: Contract of Cont	,		50*
c:17171_DAISY-8X1-SHD-MATT AMSUNG 0 LM28xB Series HM / FWTM 18.0° / 36.0 + 35.0° ciency 89 %		/ ca/im	
E17171_DAISY-8X1-SHD-MATT		hita	3230
e17171_DAISY-8X1-SHD-MATT		nite	
e17171_DAISY-8X1-SHD-MATT	Light colour W		
e17171_DAISY-8X1-SHD-MATT	Light colour W Required components:	- MATT	$X/ \square X$
e17171_DAISY-8X1-SHD-MATT	Light colour W Required components:	D-MATT	
ETTTTT_DAISY-8X1-SHD-MATT	Light colour W Required components:	D-MATT	



OPTICAL RESULTS (SIMULATED):

SAMSU	NG	90 ⁴ 90 ⁴
LED	LM28xB Series	75
FWHM / FWTM	36.0° / 76.0°	
Efficiency	83 %	60 ⁴
Peak intensity	1.6 cd/lm	
LEDs/each optic	2	
Light colour	White	g
Required component	s:	
C17171_DAISY-8	X1-SHD-MATT	200 200 200 200 200 200 200 200 200 200



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.

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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

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

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