

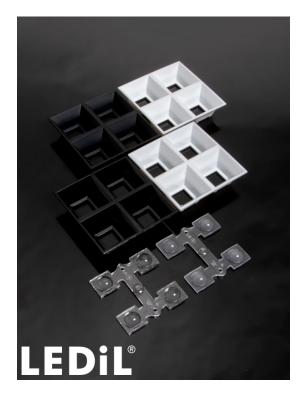
## DAISY-2X2-WW

~80° wide beam

#### **TECHNICAL SPECIFICATIONS:**

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

# PRODUCT DATASHEET DAISY-2X2-WW



#### MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
C16862_DAISY-2X2-WW	Multi-lens	PMMA	clear	
C16866_DAISY-2X2-SHD	Shade	PC	black	gloss
C16875_DAISY-2X2-SHD-WHT	Shade	PC	white	gloss
C17483_DAISY-2X2-SHD-MATT	Shade	PC	black	matt
C17484_DAISY-2X2-SHD-WHT-MATT	Shade	PC	white	matt
C17530_DAISY-2X2-SHD-MET	Shade	PC	metal	gloss
C17536_DAISY-2X2-SHD-MET-MATT	Shade	PC	metal	matt

#### **ORDERING INFORMATION:**

#### Quantities for one set:

Multi-lens	1
Shade	1

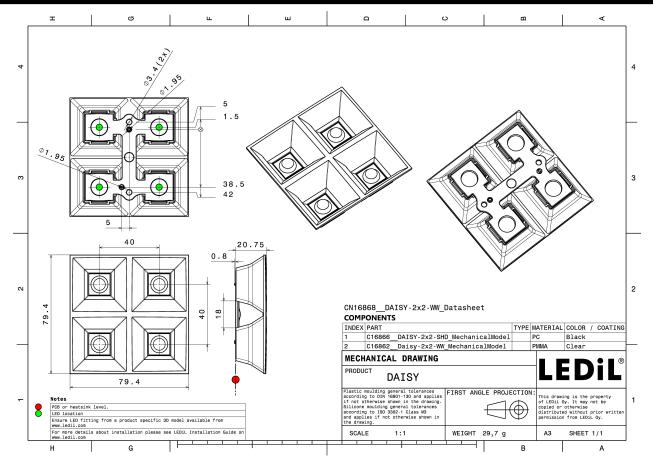


## PRODUCT DATASHEET DAISY-2X2-WW

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
C17484_DAISY-2X2-SHD-WHT-MATT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	4.8
C16866_DAISY-2X2-SHD » Box size: 400 x 300 x 300 mm	Shade	186	440	20	4.8
C17530_DAISY-2X2-SHD-MET » Box size: 400 x 300 x 300 mm	Shade	186	440	20	4.7
C16875_DAISY-2X2-SHD-WHT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	4.8
C17536_DAISY-2X2-SHD-MET-MATT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	4.6
C17483_DAISY-2X2-SHD-MATT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	4.6



## PRODUCT DATASHEET DAISY-2X2-WW



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





AUDAX ELECTRONICS		90*
LED FWHM / FWTM	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 75.0° / 87.0°	75. 75.
Efficiency	94 %	
Peak intensity	94 % 0.7 cd/lm	60° 60°
-	4	
LEDs/each optic Light colour	4 White	45" 400
Required compone		
	-2X2-SHD-MET-MATT	
017000_0/101		
		30° 30° 30° 30°
AUDAX		
		90° 90°
LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm	75°
FWHM / FWTM	74.0° / 87.0°	
Efficiency	96 %	60°
Peak intensity	0.7 cd/lm	
LEDs/each optic	4	400
Light colour	White	** · · · · · · · · · · · · · · · · · ·
Required compone		
C17530_DAISY	-2X2-SHD-MET	
		360 100 100 100 300
AUDAX		90 <sup>4</sup>
AUDAX ELECTRONICS LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm	
		3° 3°
LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm	
LED FWHM / FWTM	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5°	6)* 200 6(*
LED FWHM / FWTM Efficiency	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 %	90° 90° 90° 90° 90° 90° 90° 90° 90° 90°
LED FWHM / FWTM Efficiency Peak intensity	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm	200 (C <sup>*</sup> )
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm 4 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm 4 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm 4 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm 4 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17484_DAISY	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm 4 White ents: -2X2-SHD-WHT-MATT	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17484_DAISY	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm 4 White ents: -2X2-SHD-WHT-MATT	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm 4 White ents: -2X2-SHD-WHT-MATT	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17484_DAISY	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm 4 White ents: -2X2-SHD-WHT-MATT	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17484_DAISY	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm 4 White ents: -2X2-SHD-WHT-MATT LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17484_DAISY	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm 4 White ents: -2X2-SHD-WHT-MATT LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17484_DAISY	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm 4 White ents: -2X2-SHD-WHT-MATT LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.0° 86 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17484_DAISY	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm 4 White ents: -2X2-SHD-WHT-MATT LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.0° 86 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17484_DAISY	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm 4 White ents: -2X2-SHD-WHT-MATT LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.0° 86 % 0.6 cd/lm 4 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17484_DAISY	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm 4 White ents: -2X2-SHD-WHT-MATT LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.0° 86 % 0.6 cd/lm 4 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17484_DAISY	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm 4 White ents: -2X2-SHD-WHT-MATT LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.0° 86 % 0.6 cd/lm 4 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17484_DAISY	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.5° 95 % 0.7 cd/lm 4 White ents: -2X2-SHD-WHT-MATT LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm 76.0° / 87.0° 86 % 0.6 cd/lm 4 White ents:	





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		
Light colour	White		45* 400 45
Required compone			
C16875_DAISY-			
			600
			30° 30
			15° 0° 15°
AUDAX			90* 90
LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm		
FWHM / FWTM	76.0° / 87.0°		
Efficiency	87 %	and the second	60° 200
Peak intensity	0.6 cd/lm		
LEDs/each optic	4		
Light colour	White		400
Required compone	nts:		
C16866_DAISY-	2X2-SHD		
			600
			30° 36
			15° 0° 15°
almal'			90* 90
<b>___</b> _ <b>_</b>			
LED	Opticus Daisy M 2x2 4P		
	Opticus Daisy M 2x2 4P 77.0° / 88.0°		77 73
FWHM / FWTM			
FWHM / FWTM	77.0° / 88.0°		25 29 87 - 29 - 6
FWHM / FWTM Efficiency	77.0° / 88.0° 85 %		99 - 59 - 60
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	77.0° / 88.0° 85 % 0.6 cd/lm		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	77.0° / 88.0° 85 % 0.6 cd/lm 4 White		79 94 94 96 96 96 96 96 96 96 96 96 96 96 96 96
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	77.0° / 88.0° 85 % 0.6 cd/lm 4 White		23 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	77.0° / 88.0° 85 % 0.6 cd/lm 4 White nts:		25
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	77.0° / 88.0° 85 % 0.6 cd/lm 4 White nts:		27
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17483_DAISY	77.0° / 88.0° 85 % 0.6 cd/lm 4 White nts: -2X2-SHD-MATT		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17483_DAISY-	77.0° / 88.0° 85 % 0.6 cd/lm 4 White nts: 2X2-SHD-MATT		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17483_DAISY-	77.0° / 88.0° 85 % 0.6 cd/lm 4 White nts: 2X2-SHD-MATT ions RecLED 62x62mm 1600lm 827-865 36V G1		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17483_DAISY- MOUT solut LED FWHM / FWTM	77.0° / 88.0° 85 % 0.6 cd/lm 4 White nts: 2X2-SHD-MATT ions RecLED 62x62mm 1600lm 827-865 36V G1 75.0° / 87.0°		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17483_DAISY- MSST Vour solut LED FWHM / FWTM Efficiency	77.0° / 88.0° 85 % 0.6 cd/lm 4 White nts: 2X2-SHD-MATT ions RecLED 62x62mm 1600lm 827-865 36V G1 75.0° / 87.0° 91 %		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17483_DAISY- Vour solut LED FWHM / FWTM Efficiency Peak intensity	77.0° / 88.0° 85 % 0.6 cd/lm 4 White nts: 2X2-SHD-MATT NOTS RecLED 62x62mm 1600lm 827-865 36V G1 75.0° / 87.0° 91 % 0.7 cd/lm		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17483_DAISY- MSST Vour solut LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	77.0° / 88.0° 85 % 0.6 cd/lm 4 White nts: 2X2-SHD-MATT RecLED 62x62mm 1600lm 827-865 36V G1 75.0° / 87.0° 91 % 0.7 cd/lm 4		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17483_DAISY- MOUNT AND AND AND VOUR SOLUT EDS FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	77.0° / 88.0° 85 % 0.6 cd/lm 4 White nts: 2X2-SHD-MATT RecLED 62x62mm 1600lm 827-865 36V G1 75.0° / 87.0° 91 % 0.7 cd/lm 4 Tunable White		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17483_DAISY-	77.0° / 88.0° 85 % 0.6 cd/lm 4 White nts: 2X2-SHD-MATT RecLED 62x62mm 1600lm 827-865 36V G1 75.0° / 87.0° 91 % 0.7 cd/lm 4 Tunable White nts:		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17483_DAISY- Vour solut LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	77.0° / 88.0° 85 % 0.6 cd/lm 4 White nts: 2X2-SHD-MATT RecLED 62x62mm 1600lm 827-865 36V G1 75.0° / 87.0° 91 % 0.7 cd/lm 4 Tunable White		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17483_DAISY- MINT Vour solut LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	77.0° / 88.0° 85 % 0.6 cd/lm 4 White nts: 2X2-SHD-MATT RecLED 62x62mm 1600lm 827-865 36V G1 75.0° / 87.0° 91 % 0.7 cd/lm 4 Tunable White nts:		





MST Your solu	itions	90 <sup>k</sup>	30
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17530_DAISY		27 27 27	200
Vour solu LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17484_DAISY	RecLED 62x62mm 1600lm 827-865 36V G1 75.0° / 87.0° 94 % 0.7 cd/lm 4 Tunable White		
Vour solu LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17483_DAISY	RecLED 62x62mm 1600lm 827-865 36V G1 75.0° / 86.0° 85 % 0.6 cd/lm 4 Tunable White	94 97 97 97	200 - 200 - 20 - 200 - 60 - 60
Vour solu LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	RecLED 62x62mm 1600lm 827-865 36V G1 76.0° / 87.0° 95 % 0.7 cd/lm 4 Tunable White	24 24	





MCT		
Vour solut LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16866_DAISY	RecLED 62x62mm 1600lm 827-865 36V G1 75.0° / 86.0° 86 % 0.6 cd/lm 4 Tunable White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16866_DAISY	RecLED 62x62mm 1600lm 8x0 36V G1 75.0° / 87.0° 86 % 0.6 cd/lm 4 White nts:	
Vour solut LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17536_DAISY	RecLED 62x62mm 1600lm 8x0 36V G1 75.0° / 87.0 + 87.5° 91 % 0.7 cd/lm 4 White	
Vour solut LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	RecLED 62x62mm 1600lm 8x0 36V G1 74.0° / 87.0° 94 % 0.7 cd/lm 4 White	





MST Your solut		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	RecLED 62x62mm 1600lm 8x0 36V G1 76.0° / 87.0° 94 % 0.7 cd/lm 4 White	
Vour solut LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17483_DAISY	RecLED 62x62mm 1600lm 8x0 36V G1 76.0° / 87.0° 85 % 0.6 cd/lm 4 White	
Vour solut LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16875_DAISY	RecLED 62x62mm 1600lm 8x0 36V G1 76.0° / 88.0° 94 % 0.6 cd/lm 4 White Ints:	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16866_DAISY	NF2W757G-MT (Tunable White) 79.0° / 85.0° 86 % 0.6 cd/lm 1 Tunable White ints:	





ØNICHI/	<b>\</b>	90 <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 C16866_DAISY	LM28xB Series 77.0° / 85.0° 88 % 0.6 cd/lm 1 White ents: -2X2-SHD	
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	
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	





## PHOTOMETRIC DATA (SIMULATED):

		50° 50°
LED	J Series 2835	
FWHM / FWTM	78.0° / 85.0°	75* 75*
Efficiency	83 %	200
Peak intensity	0.6 cd/lm	60 <sup>5</sup>
LEDs/each optic	1	
Light colour	White	45° ( 400 45°
Required components:		
C17483_DAISY-2X2	-SHD-MATT	
		40
		300 300
		132 <sup>°</sup> 0 <sup>°</sup> 332 <sup>°</sup>
		90° 90°
LED	J Series 5050 Round LES	25*
FWHM / FWTM	78.0° / 86.0°	
Efficiency	84 %	60 <sup>4</sup> 600
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	400
Required components:		
C17483_DAISY-2X2	-SHD-MATT	
		30. 30.
		189 09 189
		15 <sup>7</sup> 0 <sup>5</sup> 15 <sup>5</sup>
	VD40	30 <sup>4</sup> 30 <sup>4</sup> 90 <sup>4</sup> 30 <sup>4</sup>
LED	XD16	33° 0° 13°   90° 30° 30°
LED FWHM / FWTM	77.0 + °	90 <sup>4</sup> 97 97 97 99 90 90 90 90 90 90
LED FWHM / FWTM Efficiency	77.0 + ° 84 %	99° 99° 99° 99° 99° 99° 99° 99° 99° 99°
LED FWHM / FWTM Efficiency Peak intensity	77.0 + ° 84 % 0.6 cd/lm	0 <sup>2</sup> 20 0 <sup>2</sup> 20 0 <sup>2</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	77.0 + ° 84 % 0.6 cd/lm 1	200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	77.0 + ° 84 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	77.0 + ° 84 % 0.6 cd/lm 1 White	200 000 00 <sup>4</sup> 200 000 00 <sup>4</sup> 200 000 00 <sup>4</sup> 200 000 00 <sup>4</sup> 00 00 <sup>4</sup> 00 <sup>4</sup> 00 00 <sup>4</sup> 00 <sup>4</sup> 00 00 <sup>4</sup> 00 <sup>4</sup> 00 00 <sup>4</sup> 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	77.0 + ° 84 % 0.6 cd/lm 1 White	9 <sup>4</sup> 9 <sup>4</sup> 9 <sup>4</sup> 9 <sup>4</sup> 9 <sup>4</sup> 9 <sup>4</sup> 9 <sup>4</sup> 9 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	77.0 + ° 84 % 0.6 cd/lm 1 White	25 <sup>4</sup> 6 <sup>3</sup> 15 <sup>5</sup> 9 <sup>3</sup> 9 <sup>3</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	77.0 + ° 84 % 0.6 cd/lm 1 White	25 <sup>4</sup> 0 <sup>4</sup> 15 <sup>7</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X2	77.0 + ° 84 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X2	77.0 + ° 84 % 0.6 cd/lm 1 White -SHD	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X2	77.0 + ° 84 % 0.6 cd/lm 1 White -SHD XD16	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X2	77.0 + ° 84 % 0.6 cd/lm 1 White -SHD XD16 78.0° / 86.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X2	77.0 + ° 84 % 0.6 cd/lm 1 White -SHD XD16 78.0° / 86.0° 83 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X2	77.0 + ° 84 % 0.6 cd/lm 1 White -SHD XD16 78.0° / 86.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X2	77.0 + ° 84 % 0.6 cd/lm 1 White -SHD XD16 78.0° / 86.0° 83 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X2	77.0 + ° 84 % 0.6 cd/lm 1 White -SHD XD16 78.0° / 86.0° 83 % 0.6 cd/lm 4	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16866_DAISY-2X2	77.0 + ° 84 % 0.6 cd/lm 1 White -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-2X2	77.0 + ° 84 % 0.6 cd/lm 1 White -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-2X2 C16866_DAISY-2X2	77.0 + ° 84 % 0.6 cd/lm 1 White -SHD XD16 78.0° / 86.0° 83 % 0.6 cd/lm 4 White	





## PHOTOMETRIC DATA (SIMULATED):

		90 <sup>4</sup>
LED	XQ-E HD	
FWHM / FWTM	76.0° / 84.0°	75
Efficiency	90 %	
Peak intensity	0.7 cd/lm	60
LEDs/each optic	4	
Light colour	White	5° 40
Required components		
C16866_DAISY-2X		
		30°
<b>Μ</b> ΝΙCΗΙΛ		50*
LED	NF2W757G-MT (Tunable White)	
FWHM / FWTM	76.0 + 78.0° / 86.0°	
Efficiency	90 %	200
Peak intensity	0.7 cd/lm	
LEDs/each optic	2	
Light colour	Tunable White	9° () es
Required components		
C16866_DAISY-2>	2-SHD	
		310
		23 <sup>30</sup> 0 <sup>0</sup> 35 <sup>30</sup>
<b>Μ</b> ΝΙCΗΙΛ		90 <sup>4</sup> 90
LED	NF2W757G-MT (Tunable White)	
FWHM / FWTM	76.0° / 88.0°	78
Efficiency	90 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	4	
Light colour	Tunable White	g*6
Required components		
C16866_DAISY-2>	2-SHD	
		30*
OSRAM		22 <sup>5</sup> 6 <sup>4</sup> 12 <sup>5</sup>
Opto Semiconductors		90 <sup>4</sup> 90
LED	Duris E 2835	25
FWHM / FWTM	74.0° / 86.0°	
Efficiency		
Linclency	89 %	eye
Peak intensity		60 <sup>4</sup> 60
	89 %	6) <sup>5</sup> 6(
Peak intensity	89 % 0.7 cd/lm	
Peak intensity LEDs/each optic	89 % 0.7 cd/lm 2 White	91 20 91 60 97 60 97 60
Peak intensity LEDs/each optic Light colour	89 % 0.7 cd/lm 2 White	
Peak intensity LEDs/each optic Light colour Required components	89 % 0.7 cd/lm 2 White	
Peak intensity LEDs/each optic Light colour Required components	89 % 0.7 cd/lm 2 White	





## PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors		50 <sup>1</sup>
LED	Duris E 2835	77
FWHM / FWTM	74.0° / 86.0°	
Efficiency	94 %	60 <sup>-</sup>
Peak intensity	0.8 cd/lm	
LEDs/each optic	2	
Light colour	White	
Required components:		
C16875_DAISY-2X2-SHD-WHT		
		10 <sup>-</sup> 40 <sup>-</sup> 10 <sup>-</sup>



#### **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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### 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

Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/ where\_to\_buy