

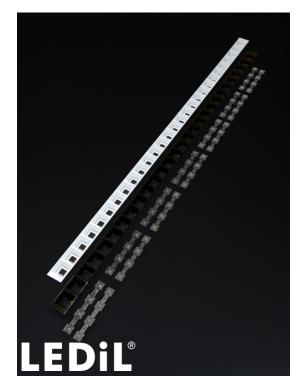
# PRODUCT DATASHEET DAISY-28X1-WW

## DAISY-28X1-WW

~80° wide beam. Variant with 4X1 lenses.

#### **TECHNICAL SPECIFICATIONS:**

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



#### MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
C16584_DAISY-4X1-WW	Linear lens	PMMA	clear	
C16585_DAISY-28X1-SHD	Shade	PC-ABS	black	gloss
C16783_DAISY-28X1-SHD-WHT	Shade	PC	white	gloss
C17481_DAISY-28X1-SHD-MATT	Shade	PC	black	matt
C17482_DAISY-28X1-SHD-WHT-MATT	Shade	PC	white	matt
C17527_DAISY-28X1-SHD-MET	Shade	PC	metal	gloss
C17537_DAISY-28X1-SHD-MET-MATT	Shade	PC	metal	matt

#### **ORDERING INFORMATION:**

#### Quantities for one set:

Linear lens	7
Shade	1

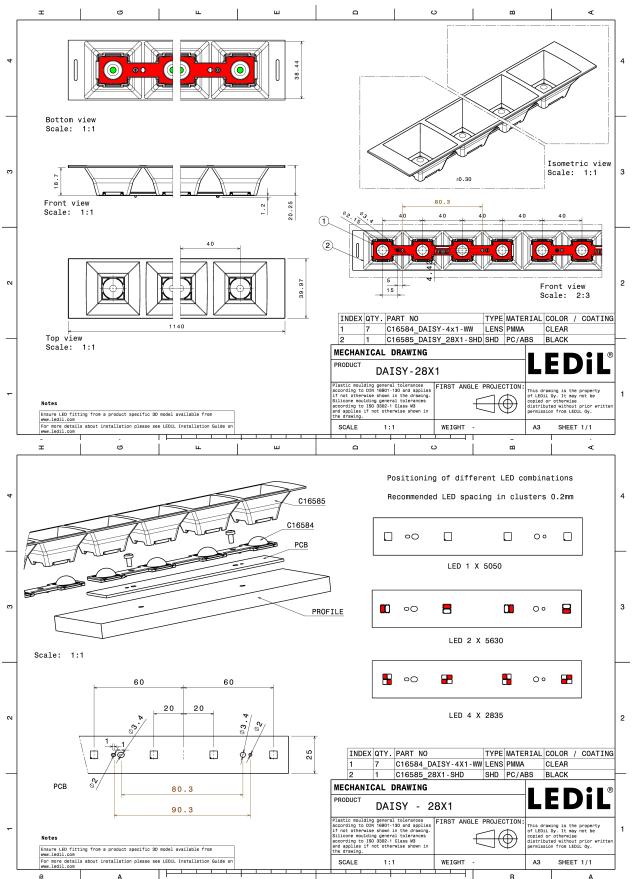


# PRODUCT DATASHEET DAISY-28X1-WW

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
C16783_DAISY-28X1-SHD-WHT » Box size: 1185 x 385 x 140 mm	Shade	48	48	48	8.0
C17537_DAISY-28X1-SHD-MET-MATT » Box size: 1185 x 385 x 140 mm	Shade	48	48	48	8.3
C17481_DAISY-28X1-SHD-MATT » Box size: 1185 x 385 x 140 mm	Shade	48	48	48	8.2
C17482_DAISY-28X1-SHD-WHT-MATT » Box size: 1185 x 385 x 140 mm	Shade	48	48	48	8.7
C16585_DAISY-28X1-SHD » Box size: 1185 x 385 x 140 mm	Shade	48	48	48	8.4
C17527_DAISY-28X1-SHD-MET » Box size: 1185 x 385 x 140 mm	Shade	48	48	48	8.6

# PRODUCT DATASHEET DAISY-28X1-WW





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



AUDAX		90° 90°
LED	LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm	
FWHM / FWTM	75.0° / 87.0°	75°
Efficiency	94 %	
Peak intensity	94 // 0.7 cd/lm	60°
LEDs/each optic	4	
Light colour	4 White	450 450
Required compone		
	/-28X1-SHD-MET-MATT	
		30° 123 0° 123 30°
AUDAX		
		90*
LED	LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm	73*
FWHM / FWTM	74.0° / 87.0°	
Efficiency	96 %	63° 60°
Peak intensity	0.7 cd/lm	
LEDs/each optic	4	400
Light colour	White	
Required compone		
C1/52/_DAISY	228X1-SHD-MET	
		30° 15° 0° 15° 30°
AUDAX ELECTRONICS		
		90°
LED	LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm	70. 27.
FWHM / FWTM	76.0° / 87.5°	
Efficiency	95 %	60° 60°
Peak intensity	0.7 cd/lm	
LEDs/each optic	4	
Light colour	White	<sup>φ</sup> 400
Required compone		
C17482_DAISY	2-28X1-SHD-WHT-MATT	
		600
		30° 15° 30°
AUDAX		30° 90°
LED	LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm	73.
FWHM / FWTM	76.0° / 87.0°	
Efficiency	86 %	60* <u>200</u> 60*
Peak intensity	0.6 cd/lm	
LEDs/each optic	4	
Light colour	White	40°
Required compone		
C17481_DAISY	2-28X1-SHD-MATT	
		600
		304 304 30
L		40 9 20



AUDAX ELECTRONICS			90* 90
LED	LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm		
FWHM / FWTM	76.0° / 87.5°		107
Efficiency	95 %		200
Peak intensity	0.7 cd/lm	and the second	60°
LEDs/each optic	1	and the second se	
Light colour	White		95* 400 45°
Required compone			
C16783_DAISY-			
_			600
			400 000 1500 000 1500 000 1500 000 1500 000 1500 000 1500 000 1500 000 1500 000 0
AUDAX ELECTRONICS			90*
LED	LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm		
FWHM / FWTM	76.0° / 87.0°		
Efficiency	87 %		200
Peak intensity	0.6 cd/lm		
LEDs/each optic	4		
Light colour	White		gy 400
Required compone	nts:		
C16585_DAISY-	28X1-SHD		
			600
			300 300
			15° 0° 15°
	<b></b>		
CREE <del>4</del>	n e e e e e e e e e e e e e e e e e e e		99 <sup>4</sup>
LED	J Series 2835		25 - 25'
LED FWHM / FWTM	J Series 2835 77.0° / 86.0°		99°
LED FWHM / FWTM	J Series 2835		99 <sup>4</sup> 99 73 73 75 70 70 70
LED FWHM / FWTM Efficiency Peak intensity	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm		99 <sup>4</sup> 99 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2		59 <sup>4</sup> 72 <sup>5</sup> 64 70 70 70 70 70 70 70 70 70 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2 White nts:		99° 99° 75° 75° 60° 70° 70° 70° 70° 70° 70° 70° 70°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2 White nts:		99 <sup>4</sup> 175 196 197 290 197 197 197 197 197 197 197 197 197 197
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2 White nts:		99° 99° 99° 99° 99° 99° 99° 99° 99° 99°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16585_DAISY-	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2 White nts: 28X1-SHD		59 <sup>4</sup> 59 59 50 50 50 50 50 50 50 50 50 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16585_DAISY-	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2 White nts: 28X1-SHD		99* 99* 99 90 90 90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16585_DAISY- LED FWHM / FWTM	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2 White nts: 28X1-SHD LDL-iC-562-827-2000lm 75.0° / 88.0°		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16585_DAISY- UED FWHM / FWTM Efficiency	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2 White nts: 28X1-SHD LDL-iC-562-827-2000lm 75.0° / 88.0° 92 %		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16585_DAISY- LED FWHM / FWTM Efficiency Peak intensity	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2 White nts: 28X1-SHD LDL-iC-562-827-2000lm 75.0° / 88.0° 92 % 0.6 cd/lm		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16585_DAISY- LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2 White nts: 28X1-SHD LDL-iC-562-827-2000lm 75.0° / 88.0° 92 % 0.6 cd/lm 1		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16585_DAISY- Helvar LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2 White nts: 28X1-SHD LDL-iC-562-827-2000lm 75.0° / 88.0° 92 % 0.6 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16585_DAISY- LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2 White nts: 28X1-SHD LDL-iC-562-827-2000lm 75.0° / 88.0° 92 % 0.6 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16585_DAISY- Helvar LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2 White nts: 28X1-SHD LDL-iC-562-827-2000lm 75.0° / 88.0° 92 % 0.6 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16585_DAISY- Helvar LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	J Series 2835 77.0° / 86.0° 87 % 0.6 cd/lm 2 White nts: 28X1-SHD LDL-iC-562-827-2000lm 75.0° / 88.0° 92 % 0.6 cd/lm 1 White nts:		



Helvar			90°
LED	LDL-iC-562-827-2000lm		
FWHM / FWTM	75.0° / 86.0°		
Efficiency	83 %		601 600 60°
Peak intensity	0.6 cd/lm	and the second se	
LEDs/each optic	1	and the second	
Light colour	White		93× 43*
Required compone	ents:		400
C16585_DAISY	-28X1-SHD		
			30° 500 15° 0° 15°
	.EDS		90* 90*
LED	LUXEON 2835 Line		
FWHM / FWTM	78.0° / 86.0°		3. 3.
Efficiency	87 %		
Peak intensity	0.6 cd/lm		200
LEDs/each optic	2		
Light colour	White		93. 62.
Required compone	ents:		400
C16585_DAISY			
			30. 000 30.
MST Your solu	tions		( 15 <sup>3</sup> of 15 <sup>3</sup>
			90*
LED	LinLED 1120x28mm 2200lm 830 2C 84V Opt G1		75:
FWHM / FWTM	74.5° / 87.5° 94 %		200
Efficiency			60° 60°
Peak intensity	0.7 cd/lm		
LEDs/each optic Light colour	2 White		400
		and the second se	
Required compone	-28X1-SHD-MET-MATT		
			36° 31°
MST Your solu	tions		90*
LED	LinLED 1120x28mm 2200lm 830 2C 84V Opt G1		
FWHM / FWTM	74.5° / 87.5 + 87.0°		
Efficiency	95 %		200
Peak intensity	0.7 cd/lm		
LEDs/each optic	2		
Light colour	White	1000	45° 400 45°
Required compone	ents:		
	-28X1-SHD-MET		
			30-
			15° 0° 35°



MST Your solu	tions	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LinLED 1120x28mm 2200lm 830 2C 84V Opt G1 76.0 + 76.5° / 88.0° 94 % 0.6 cd/lm 2 White ents: -28X1-SHD-WHT-MATT	
Vour solu LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17481_DAISY	LinLED 1120x28mm 2200lm 830 2C 84V Opt G1 75.5 + 76.0° / 87.5° 85 % 0.6 cd/lm 2 White	
Vour solu LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	LinLED 1120x28mm 2200lm 830 2C 84V Opt G1 76.5° / 88.5 + 88.0° 94 % 0.6 cd/lm 2 White	
Vour solu LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16585_DAISY	LinLED 1120x28mm 2200lm 830 2C 84V Opt G1 76.0 + 75.5° / 87.5 + 87.0° 86 % 0.6 cd/lm 2 White ents:	



MST Your solut	lanz	T T
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LinLED 1120x28mm 2x2200lm 827-865 2x2C 84V Opt G1 76.5 + 77.0° / 88.5° 95 % 0.6 cd/lm 4 Tunable White	
Vour solut LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16585_DAISY-	LinLED 1120x28mm 2x2200lm 827-865 2x2C 84V Opt G1 76.0 + 76.5° / 87.5° 87 % 0.6 cd/lm 4 Tunable White nts:	
Vour solut LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17537_DAISY-	LinLED 1120x28mm 2x2200lm 827-865 2x2C 84V Opt G1 75.5° / 88.0 + 87.5° 94 % 0.7 cd/lm 4 Tunable White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17527_DAISY-	LinLED 1120x28mm 2x2200lm 827-865 2x2C 84V Opt G1 74.5 + 75.5° / 87.5° 95 % 0.7 cd/lm 4 Tunable White nts:	



MST Your solut		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LinLED 1120x28mm 2x2200lm 827-865 2x2C 84V Opt G1 76.5 + 77.0° / 88.5° 95 % 0.6 cd/lm 4 Tunable White	9° 90 97 200 6° 00 9° 00 9° 00 00 00 00
Vour solut LED FWHM / FWTM Efficiency	LinLED 1120x28mm 2x2200lm 827-865 2x2C 84V Opt G1 76.0 + 76.5° / 87.5° 86 %	25° 0° 15° 99° 99 275 20 80° 200
Peak intensity LEDs/each optic Light colour Required componen C17481_DAISY-	0.6 cd/lm 4 Tunable White nts: 28X1-SHD-MATT	¢*60
MST Vour solut LED FWHM / FWTM	LinLED 1120x28mm 4400lm 830 2C 84V Opt G1 74.5° / 87.5°	31 <sup>4</sup> 35 <sup>4</sup> 4 <sup>5</sup> 30 31 <sup>4</sup> 35 <sup>4</sup> 35 <sup>4</sup> 30 32 <sup>5</sup> 20 20
Efficiency Peak intensity LEDs/each optic Light colour Required componei C17537 DAISY-	94 % 0.7 cd/lm 4 White nts: 28X1-SHD-MET-MATT	
MST Your solut		200 200 200 200 00 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C17527_DAISY-		



MST Your solu		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LinLED 1120x28mm 4400lm 830 2C 84V Opt G1 76.0 + 76.5° / 88.0° 94 % 0.6 cd/lm 4 White	5°
Vour solu LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17481_DAISY	LinLED 1120x28mm 4400lm 830 2C 84V Opt G1 75.5 + 76.0° / 87.5° 85 % 0.6 cd/lm 4 White	54° 500 60 60° 60 60° 60 60° 60 60° 72° 72°
Vour solu LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	LinLED 1120x28mm 4400lm 830 2C 84V Opt G1 76.5° / 88.5 + 88.0° 94 % 0.6 cd/lm 4 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16585_DAISY	LinLED 1120x28mm 4400lm 830 2C 84V Opt G1 76.0 + 75.5° / 87.5 + 87.0° 86 % 0.6 cd/lm 4 White ents:	



ØNICHI/	<b>\</b>	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16585_DAISY	NF2W757G-MT (Tunable White) 79.0° / 85.0° 86 % 0.6 cd/lm 1 Tunable White ents:	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16783_DAISY	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 C16783_DAISY	LM28xB Series 77.0° / 87.0° 94 % 0.6 cd/lm 2 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16585_DAISY	LM28xB Series 78.0° / 86.0° 84 % 0.6 cd/lm 2 White ents:	



SEOUL SEMICONDUCTOR		90* 90*
LED	SEOUL DC 3528	75* 75*
FWHM / FWTM	78.0° / 86.0°	
Efficiency	87 %	60° 500 60°
Peak intensity	0.6 cd/lm	
LEDs/each optic	2	
Light colour	White	a
Required compone	nts:	460
C16585_DAISY	28X1-SHD	
		30° 000 30°
		15° 0° 15°
SEOUL SEOUL SEMICONDUCTOR		90*
LED	SEOUL DC 3528	
FWHM / FWTM	77.0° / 86.0°	
Efficiency	87 %	200
Peak intensity	0.6 cd/lm	
LEDs/each optic	2	
Light colour	White	43°
Required compone	nts:	440
C16585_DAISY		
_		
		30° 30° 30° 30°
	2	90*
LED	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC	
FWHM / FWTM	81.0° / 90.0°	78'
Efficiency	86 %	200 200
Peak intensity	0.6 cd/lm	
LEDs/each optic	4	
Light colour	White	9° 9°
Required compone	nts:	400
C16585_DAISY		
		200 Dec 200 De
		 15° 0° 15°
	2	90*
LED	PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC	
FWHM / FWTM		
	82.0° / 90.0°	
Efficiency	82.0° / 90.0° 94 %	200
		gr
Efficiency	94 %	50 - 50 - 60
Efficiency Peak intensity LEDs/each optic	94 % 0.6 cd/lm	50
Efficiency Peak intensity LEDs/each optic Light colour	94 % 0.6 cd/lm 4 White	50
Efficiency Peak intensity LEDs/each optic Light colour Required compone	94 % 0.6 cd/lm 4 White nts:	at6t
Efficiency Peak intensity LEDs/each optic Light colour Required compone	94 % 0.6 cd/lm 4 White	ar 200 60°
Efficiency Peak intensity LEDs/each optic Light colour Required compone	94 % 0.6 cd/lm 4 White nts:	57 - 440



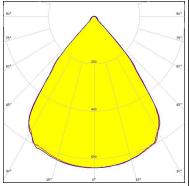
## **TRIDONIC**

LED

FWHM / FWTM Efficiency Peak intensity LEDs/each optic 1 Light colour Required components:

LLE 24x280mm 750lm 8x0 LVD ADV1 77.0° / 88.0° 94 % 0.6 cd/lm White C16783\_DAISY-28X1-SHD-WHT







### PHOTOMETRIC DATA (SIMULATED):

CREE ≑		30* 30*
LED	XD16	
FWHM / FWTM	76.0° / 93.0°	75.
Efficiency	88 %	
Peak intensity	0.6 cd/lm	605
LEDs/each optic	1	
Light colour	White	gzi are
Required components:		400
C16585_DAISY-28X	1-SHD	A = A
		30° 300
~		125' 0° 125'
<b>ΜΝΙCΗΙΛ</b>		50° 30°
LED	NF2W757G-MT (Tunable White)	
FWHM / FWTM	76.0 + 78.0° / 86.0°	
Efficiency	90 %	60° 60°
Peak intensity	0.7 cd/lm	
LEDs/each optic	2	/ / / /   / / / / / / / / / / / / / /
Light colour	Tunable White	45° 460 450
Required components:		
C16585_DAISY-28X	1-SHD	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		20° 00° 30°
<b>Μ</b> ΝΙCΗΙΛ		500 24 <sup>4</sup> 50 <sup>4</sup> 50 <sup>4</sup>
LED	NF2W757G-MT (Tunable White)	60 34 <sup>2</sup> 25 <sup>3</sup> 25 <sup>4</sup> 35 <sup>4</sup>
LED FWHM / FWTM	76.0° / 88.0°	60 20 <sup>4</sup> 15 <sup>4</sup> 50 20 <sup>4</sup> 90 20 <sup>4</sup> 90 20 <sup>4</sup> 90
LED FWHM / FWTM Efficiency		60 20 50 60 50 50 60 50 60 50 60 50 60 50 60 50 60 60 60 60 60 60 60 60 60 6
LED FWHM / FWTM Efficiency Peak intensity	76.0° / 88.0° 90 % 0.7 cd/lm	60 54 10 10 10 10 10 10 10 10 10 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	76.0° / 88.0° 90 % 0.7 cd/lm 4	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	76.0° / 88.0° 90 % 0.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	76.0° / 88.0° 90 % 0.7 cd/lm 4 Tunable White	5° 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	76.0° / 88.0° 90 % 0.7 cd/lm 4 Tunable White	60 34 10 <sup>4</sup> 94 94 94 94 94 96 96 96 97 96 97 96 97 96 97 97 97 97 97 97 97 97 97 97
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	76.0° / 88.0° 90 % 0.7 cd/lm 4 Tunable White	60 54 55 55 55 55 55 55 55 55 55
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	76.0° / 88.0° 90 % 0.7 cd/lm 4 Tunable White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16585_DAISY-28X	76.0° / 88.0° 90 % 0.7 cd/lm 4 Tunable White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16585_DAISY-28X	76.0° / 88.0° 90 % 0.7 cd/lm 4 Tunable White 1-SHD	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16585_DAISY-28X	76.0° / 88.0° 90 % 0.7 cd/lm 4 Tunable White 1-SHD NVSxx19B/NVSxx19C	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16585_DAISY-28X	76.0° / 88.0° 90 % 0.7 cd/lm 4 Tunable White 1-SHD NVSxx19B/NVSxx19C 79.2° / 94.2°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16585_DAISY-28X	76.0° / 88.0° 90 % 0.7 cd/lm 4 Tunable White 1-SHD NVSxx19B/NVSxx19C 79.2° / 94.2° 87 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16585_DAISY-28X	76.0° / 88.0° 90 % 0.7 cd/lm 4 Tunable White 1-SHD NVSxx19B/NVSxx19C 79.2° / 94.2° 87 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16585_DAISY-28X	76.0° / 88.0° 90 % 0.7 cd/lm 4 Tunable White 1-SHD NVSxx19B/NVSxx19C 79.2° / 94.2° 87 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16585_DAISY-28X	76.0° / 88.0° 90 % 0.7 cd/lm 4 Tunable White 1-SHD NVSxx19B/NVSxx19C 79.2° / 94.2° 87 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16585_DAISY-28X	76.0° / 88.0° 90 % 0.7 cd/lm 4 Tunable White 1-SHD NVSxx19B/NVSxx19C 79.2° / 94.2° 87 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16585_DAISY-28X	76.0° / 88.0° 90 % 0.7 cd/lm 4 Tunable White 1-SHD NVSxx19B/NVSxx19C 79.2° / 94.2° 87 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16585_DAISY-28X	76.0° / 88.0° 90 % 0.7 cd/lm 4 Tunable White 1-SHD NVSxx19B/NVSxx19C 79.2° / 94.2° 87 % 0.6 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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