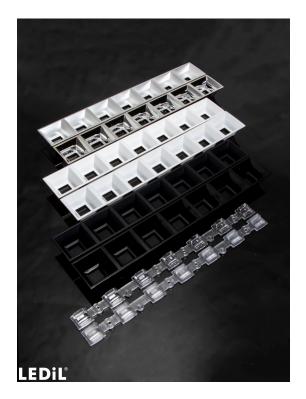


## DAISY-7X1-ZT25

Asymmetric beam for aisle lighting. Clear version for high contrast lighting.

### **SPECIFICATION:**

Dimensions	279.5 x 39.6 mm
Height	20.3 mm
Fastening	pin, screw
ROHS compliant	yes 🛈



### **MATERIALS:**

Component	Туре	Material	Colour	Finish
C17390_DAISY-7X1-ZT25	Linear lens	PMMA		
C18409_DAISY-7X1-SHD-MET-MATT	Shade	PC	metal	matt
C18167_DAISY-7X1-SHD-MET	Shade	PC	metal	gloss
C17225_DAISY-7X1-SHD-WHT-MATT	Shade	PC	white	matt
C17051_DAISY-7X1-SHD-MATT	Shade	PC	black	matt
C16876_DAISY-7X1-SHD-WHT	Shade	PC	white	gloss
C16872_DAISY-7X1-SHD	Shade	PC	black	gloss

### **ORDERING INFORMATION:**

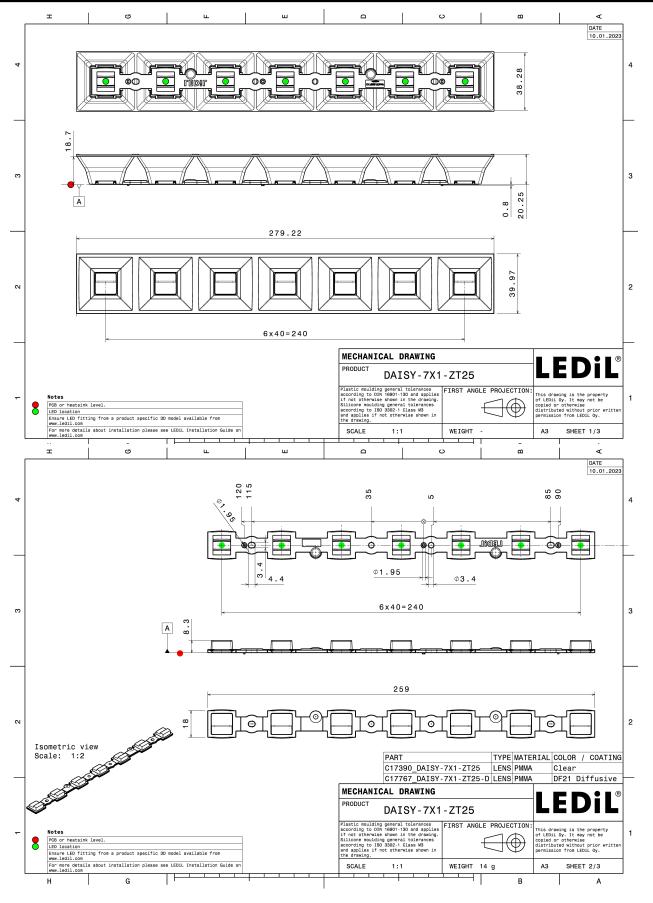
Quantities	for	one	set:

Linear lens	1
Shade	1

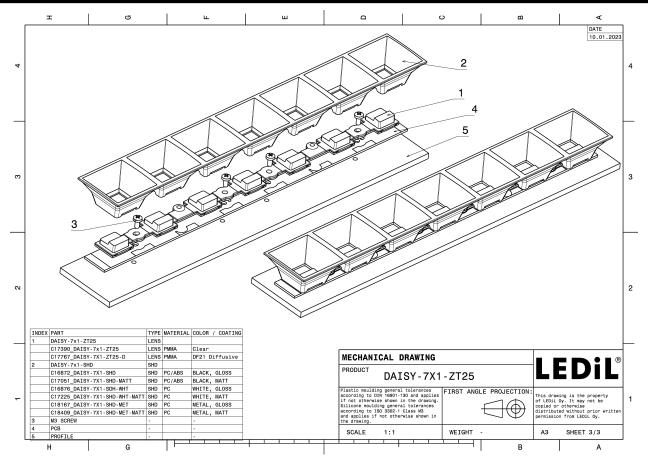


Component		Qty in box	MOQ	MPQ	Box weight (kg)
C17390_DAISY-7X1-ZT25 » Box size: 400 x 300 x 300 mm	Linear lens	312	192	24	5.9
C17225_DAISY-7X1-SHD-WHT-MATT » Box size: 595 x 360 x 230 mm	Shade	156	192	24	7.6
C16872_DAISY-7X1-SHD » Box size: 595 x 360 x 230 mm	Shade	156	192	24	7.1
C16876_DAISY-7X1-SHD-WHT » Box size: 595 x 360 x 230 mm	Shade	156	192	24	7.6
C18167_DAISY-7X1-SHD-MET » Box size: 595 x 360 x 230 mm	Shade	156	192	24	7.0
C17051_DAISY-7X1-SHD-MATT » Box size: 595 x 360 x 230 mm	Shade	156	192	24	7.3
C18409_DAISY-7X1-SHD-MET-MATT » Box size: 595 x 360 x 230 mm	Shade	156	192	24	7.0









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





LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17051_DAISY	LED Line SMD L28W2 TW Module 20mm 2800Lm Daisy 7x1 (E21A) Asymmetric 71 % 1.7 cd/lm 2 Tunable White ents: -7X1-SHD-MATT	50° 50° 7° 50° 60° 60° 5° 60° 5° 60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17051_DAISY	LED Line SMD L28W2 White Module 20mm 2800Lm Daisy 7x1 (E21A) Asymmetric 71 % 1.7 cd/lm 2 White ents: -7X1-SHD-MATT	30° 50° 50° 50° 50° 50° 50° 50° 50° 50° 5
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16872_DAISY	LUXEON 2835 Line Asymmetric 72 % 1.5 cd/lm 1 White ents:	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C17051_DAISY	LUXEON HL2Z Asymmetric 72 % 1.8 cd/lm 2 White	5° 557 57 57 50 57 60 60 60 67 67 67 67 67





MST Your solu	tions	90* 90*
LED	LinLED 280x28mm 1600lm 840 4C 21V DAISY 7x1(ZT25)	
FWHM / FWTM	Asymmetric	73, 75,
Efficiency	72 %	
Peak intensity	1.6 cd/lm	60° 400
LEDs/each optic	1	
Light colour	White	g*
Required compone		
C16872_DAISY		800
		45° 0° 15°
ØNICHI∕		90*
LED	NCSxE17A	
FWHM / FWTM	Asymmetric	
Efficiency	72 %	60° 400 60°
Peak intensity	2.3 cd/lm	
LEDs/each optic	1	
Light colour	White	45° 840 45°
Required compone	onts:	
C17051_DAISY	-7X1-SHD-MATT	1720
		36* 36*
ØNICHI/		
		30 <sup>2</sup> 30 <sup>2</sup>
	NVSxE21A	73. 75.
FWHM / FWTM	Asymmetric 72 %	
Efficiency	1.8 cd/lm	60° 60°
Peak intensity LEDs/each optic	1.o contri 1	
Light colour	White	45* 45*
Required compone		
C16872_DAISY		
0.0012_01401		
		30° 30° 30° 30° 30° 30° 30° 30° 30° 30°
SAMSI	JNG	90° 90°
LED	LH231B	
FWHM / FWTM	Asymmetric	25*
Efficiency	71 %	
Peak intensity	1.5 cd/lm	
LEDs/each optic	1	
Light colour	White	g
Required compone	ents:	200
C16872_DAISY		210
		90
		90° 100 10°



Elektronik GmbH		90*	
LED	LED-St-LxxW2c4-50 (Daisy-7x1)	70	
FWHM / FWTM	Asymmetric	1	
Efficiency	72 %	60%	
Peak intensity	1.5 cd/lm	×	
LEDs/each optic	2		
Light colour	White	g.	65*
Required compone	ents:		900
	-7X1-SHD-MATT	/	
		$\checkmark$	
		49 /	1220 30 15° 0° 15°
Elektronik GmbH		59*	90*
LED	LED-St-LxxW2c4-50 (Daisy-7x1)		
FWHM / FWTM	Asymmetric	78	
Efficiency	90 %	and the second se	400
Peak intensity	1.6 cd/lm	$\sim$	
LEDs/each optic	2		
Light colour	White	g.	
Required compone	ents:		000
C17225_DAISY	-7X1-SHD-WHT-MATT		
		X	
		20*	1200
			15° 0° 15°
Elektronik GmbH		50°	90*
Elektronik GmbH	LED-St-LxxW2c4-50 (Daisy-7x1)	99°	90 <sup>3</sup>
	LED-St-LxxW2c4-50 (Daisy-7x1) Asymmetric	90° 79	
LED		39* 75:	50°
LED FWHM / FWTM	Asymmetric	50* 73.	20* 
LED FWHM / FWTM Efficiency	Asymmetric 73 %	30* 79: 60*	50 50 50 50 50 50
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 73 % 1.5 cd/lm	99* 75 51	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 73 % 1.5 cd/lm 2 White	90* 75- 91 92	000 D2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 73 % 1.5 cd/lm 2 White ents:	90* 705 92*	20°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 73 % 1.5 cd/lm 2 White ents:	99* 755 754	9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 73 % 1.5 cd/lm 2 White ents:	99* 73: 64 67 75	29* 29* 29* 29* 29* 29* 29* 29*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16872_DAISY	Asymmetric 73 % 1.5 cd/lm 2 White ents:	99* 394 594 594 594	125 <u>0</u> 0 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16872_DAISY	Asymmetric 73 % 1.5 cd/lm 2 White ents: -7X1-SHD	99* 39* 59* 50* 30*	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16872_DAISY	Asymmetric 73 % 1.5 cd/lm 2 White ents: -7X1-SHD LED-St-LxxW2c4-50 (Daisy-7x1)	99* 731 734 754 754 754 754 754 754 754 754 754 75	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16872_DAISY	Asymmetric 73 % 1.5 cd/lm 2 White ents: -7X1-SHD LED-St-LxxW2c4-50 (Daisy-7x1) Asymmetric	90" 73 50 50 	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16872_DAISY	Asymmetric 73 % 1.5 cd/lm 2 White ents: -7X1-SHD LED-St-LxxW2c4-50 (Daisy-7x1) Asymmetric 91 %	90" 73. 69. 79. 79. 79. 79. 79. 79. 79. 79. 79. 7	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16872_DAISY	Asymmetric 73 % 1.5 cd/lm 2 White ents: -7X1-SHD LED-St-LxxW2c4-50 (Daisy-7x1) Asymmetric 91 % 1.7 cd/lm	90" 73. 69. 69. 30. 71. 72. 72. 73.	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16872_DAISY	Asymmetric 73 % 1.5 cd/lm 2 White ents: -7X1-SHD LED-St-LxxW2c4-50 (Daisy-7x1) Asymmetric 91 % 1.7 cd/lm 2	90" 73 92 94 94 94 94 94 94	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16872_DAISY	Asymmetric 73 % 1.5 cd/lm 2 White ents: -7X1-SHD LED-St-LxxW2c4-50 (Daisy-7x1) Asymmetric 91 % 1.7 cd/lm 2 White	90" 30 50" 30 30 30 30 30 30 30 30 30 30 30 30 30	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16872_DAISY	Asymmetric 73 % 1.5 cd/lm 2 White ents: -7X1-SHD LED-St-LxxW2c4-50 (Daisy-7x1) Asymmetric 91 % 1.7 cd/lm 2 White ents:	97 73 90 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 C16872_DAISY	Asymmetric 73 % 1.5 cd/lm 2 White ents: -7X1-SHD LED-St-LxxW2c4-50 (Daisy-7x1) Asymmetric 91 % 1.7 cd/lm 2 White ents:	97 39 30 30 30 30 30 30 30 30 30 30 30 30 30	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16872_DAISY	Asymmetric 73 % 1.5 cd/lm 2 White ents: -7X1-SHD LED-St-LxxW2c4-50 (Daisy-7x1) Asymmetric 91 % 1.7 cd/lm 2 White ents:	97 39 30 30 30 30 30 30 30 30 30 30 30 30 30	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C16872_DAISY	Asymmetric 73 % 1.5 cd/lm 2 White ents: -7X1-SHD LED-St-LxxW2c4-50 (Daisy-7x1) Asymmetric 91 % 1.7 cd/lm 2 White ents:	97 39 30 30 30 30 50 50 50 50 50 50 50 50 50 50 50 50 50	





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Claber.		<u> </u>	ы.

LED	LED-St-LxxW2c4-50 (Da
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	1.6 cd/lm
LEDs/each optic	2
Light colour	White
Required componen	ts:
C16876_DAISY-7	7X1-SHD-WHT

Electronik Electronik ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component C16876_DAISY-7		22, 00 02, 04, 00 23, 25, 23, 25, 24, 25, 25, 25, 25, 25, 25, 25, 25, 25, 25,
		200 - 200 - 30°
EELED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C18409_DAISY-7	LED-St-LxxW2c4-50 (Daisy-7x1) Asymmetric 89 % 1.6 cd/lm 2 White ts: 7X1-SHD-MET-MATT	37. 954 120 62. 00 63. 00 64. 05. 65. 00 65. 00 65. 05. 65. 05. 05. 05. 65. 05. 05. 05. 05. 05. 05. 05. 05. 05. 0



bridgelux.		90* 90*
LED	CSP 2727 (BXCP)	
FWHM / FWTM	Asymmetric	75. 75.
Efficiency	85 %	
Peak intensity	1.7 cd/lm	60°
LEDs/each optic	3	
Light colour	White	45*
Required components:	Wille	
C18167_DAISY-7X1	SHD MET	12200
		1000
		30° 35° 35°
bridgelux.		50° 50°
LED	CSP 2727 (BXCP)	
FWHM / FWTM	Asymmetric	
Efficiency	86 %	
Peak intensity	1.7 cd/lm	60°
LEDs/each optic	2	
Light colour	- White	gu 010 gu
Required components:		
C18167_DAISY-7X1	-SHD-MET	
		1270
		30.0
1		15" 0" 15"
		90 <sup>+</sup> 90 <sup>+</sup>
	J Series 2835	90 <sup>3</sup>
	J Series 2835 Asymmetric	31.     32.       36.     35.       36.     35.
LED FWHM / FWTM	J Series 2835 Asymmetric 78 %	34 36 25 20 27 27 27 27 27 27 27 27 27 27 27 27 27
LED FWHM / FWTM Efficiency	Asymmetric 78 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 78 % 1.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 78 % 1.4 cd/lm 2	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 78 % 1.4 cd/lm 2 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 78 % 1.4 cd/lm 2 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 78 % 1.4 cd/lm 2 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1	Asymmetric 78 % 1.4 cd/lm 2 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 78 % 1.4 cd/lm 2 White	30° 300 30°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1	Asymmetric 78 % 1.4 cd/lm 2 White	200 1200 120 200 1200 120 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1	Asymmetric 78 % 1.4 cd/lm 2 White -SHD	200 1200 120 200 1200 120 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1	Asymmetric 78 % 1.4 cd/lm 2 White -SHD J Series 2835	200 1200 120 200 1200 120 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1	Asymmetric 78 % 1.4 cd/lm 2 White -SHD J Series 2835 Asymmetric	20 <sup>4</sup> 12 <sup>5</sup> 12 <sup>5</sup> 20 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1	Asymmetric 78 % 1.4 cd/lm 2 White -SHD J Series 2835 Asymmetric 89 %	200 1200 120 200 1200 120 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1	Asymmetric 78 % 1.4 cd/lm 2 White -SHD J Series 2835 Asymmetric 89 % 1.5 cd/lm	200 1200 120 200 1200 120 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1 CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 78 % 1.4 cd/lm 2 White -SHD J Series 2835 Asymmetric 89 % 1.5 cd/lm 2	200 1200 120 200 1200 120 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1 CREE EDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 78 % 1.4 cd/lm 2 White -SHD J Series 2835 Asymmetric 89 % 1.5 cd/lm 2 White	20 <sup>4</sup> 12 <sup>5</sup> 12 <sup>5</sup> 20 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1 CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 78 % 1.4 cd/lm 2 White -SHD J Series 2835 Asymmetric 89 % 1.5 cd/lm 2 White	20 <sup>4</sup> 12 <sup>5</sup> 12 <sup>5</sup> 20 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1 CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 78 % 1.4 cd/lm 2 White -SHD J Series 2835 Asymmetric 89 % 1.5 cd/lm 2 White	20 <sup>4</sup> 12 <sup>5</sup> 12 <sup>5</sup> 20 <sup>4</sup>



CREE ≑		
		90 <sup>4</sup>
LED	XD16	75. 25
FWHM / FWTM	Asymmetric	
Efficiency	75 %	605 607
Peak intensity	1.3 cd/lm	
LEDs/each optic	2	
Light colour	White	95°
Required components:		200
C16872_DAISY-7X1	-SHD	
		30° 35° 0° 35°
	DS	
LED	LUXEON 2835 Line	
FWHM / FWTM	Asymmetric	750 782
Efficiency	71 %	
Peak intensity	1 cd/lm	. 60° 667
LEDs/each optic	2	
Light colour	– White	57 57
Required components:		
C17051_DAISY-7X1		600
		30* 000 30* 30*
<b>ΜΝΙCΗΙΛ</b>		90 <sup>4</sup>
LED	NCSxE17A	
LED FWHM / FWTM	NCSxE17A Asymmetric	71 72
		77
FWHM / FWTM Efficiency	Asymmetric	77°
FWHM / FWTM	Asymmetric 78 %	73°
FWHM / FWTM Efficiency Peak intensity	Asymmetric 78 % 2 cd/lm	73
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 78 % 2 cd/lm 2 White	est 000
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 78 % 2 cd/lm 2 White	ex
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 78 % 2 cd/lm 2 White	ex
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 78 % 2 cd/lm 2 White	est 000
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1	Asymmetric 78 % 2 cd/lm 2 White	est 000
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1	Asymmetric 78 % 2 cd/lm 2 White -SHD	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1	Asymmetric 78 % 2 cd/lm 2 White -SHD	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1	Asymmetric 78 % 2 cd/lm 2 White -SHD NVSxE21A Asymmetric	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1	Asymmetric 78 % 2 cd/lm 2 White -SHD NVSxE21A Asymmetric 78 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1	Asymmetric 78 % 2 cd/lm 2 White -SHD NVSxE21A Asymmetric 78 % 1.8 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1	Asymmetric 78 % 2 cd/lm 2 White -SHD NVSxE21A Asymmetric 78 % 1.8 cd/lm 2	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1 C16972_DAISY-7X1 C16972_DAISY-7X1 C16972_DAISY-7X1 C16972_DAISY-7X1	Asymmetric 78 % 2 cd/lm 2 White -SHD NVSxE21A Asymmetric 78 % 1.8 cd/lm 2 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1 C16872_DAISY-7X1 ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 78 % 2 cd/lm 2 White -SHD NVSxE21A Asymmetric 78 % 1.8 cd/lm 2 White	90 90 90 90 90 90 90 90 90 90
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1 C16972_DAISY-7X1 C16972_DAISY-7X1	Asymmetric 78 % 2 cd/lm 2 White -SHD NVSxE21A Asymmetric 78 % 1.8 cd/lm 2 White	er 00 00 00 00 00 00 00 00 00 0
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1 C16872_DAISY-7X1 ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 78 % 2 cd/lm 2 White -SHD NVSxE21A Asymmetric 78 % 1.8 cd/lm 2 White	



<b>Μ</b> ΝΙCΗΙΛ		90* 90*
LED	NVSxE21A	4
FWHM / FWTM	Asymmetric	32.
Efficiency	79 %	400 400 40°
Peak intensity	1.7 cd/lm	
LEDs/each optic	2	
Light colour	White	45° 000 45°
Required components:		
C16872_DAISY-7X1	-SHD	1220
		30* 150 0* 155
SAMSU	l G	90°
LED	LH181B	
FWHM / FWTM	Asymmetric	73
Efficiency	87 %	400
Peak intensity	1.7 cd/lm	60*
LEDs/each optic	2	
Light colour	White	5° 800 65°
Required components:		
C18167_DAISY-7X1	-SHD-MET	
		1230
		15° 0° 15°
SAMSU	IG	50° 50° 50°
	LH231B	90° 90° 90°
		25
LED	LH231B	90 90 90 90 90 90 90 90 90
LED FWHM / FWTM	LH231B Asymmetric	60 90 90 90 90 90 90 90 90 90 9
LED FWHM / FWTM Efficiency	LH231B Asymmetric 86 %	64 64 153 164 164 164 164 164 164 164 164
LED FWHM / FWTM Efficiency Peak intensity	LH231B Asymmetric 86 % 1.6 cd/lm	a. <u>900</u> a. 01 02 02 02 02 02 02 02 02 02 02
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH231B Asymmetric 86 % 1.6 cd/lm 2 White	2. <u>900</u> <u>90</u> , <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH231B Asymmetric 86 % 1.6 cd/lm 2 White	31     900     902       33     900     902       30     900     902
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH231B Asymmetric 86 % 1.6 cd/lm 2 White	133     90     92       24     90     92       35     90     92
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH231B Asymmetric 86 % 1.6 cd/lm 2 White	30,     12,     6,     12,     34,     35,     36,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18167_DAISY-7X1	LH231B Asymmetric 86 % 1.6 cd/lm 2 White -SHD-MET	30,     30,     30,     30,       30,     10,     10,     30,       30,     10,     10,     30,       30,     10,     10,     10,       30,     10,     10,     10,       30,     10,     10,     10,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18167_DAISY-7X1	LH231B Asymmetric 86 % 1.6 cd/lm 2 White -SHD-MET	30 <sup>4</sup> 15 <sup>7</sup> 0 <sup>4</sup> 15 <sup>5</sup> 36 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18167_DAISY-7X1	LH231B Asymmetric 86 % 1.6 cd/lm 2 White -SHD-MET	30 <sup>4</sup> 157 0 <sup>4</sup> 15 <sup>5</sup> 3 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18167_DAISY-7X1 <b>SAMSUN</b> LED FWHM / FWTM	LH231B Asymmetric 86 % 1.6 cd/lm 2 White -SHD-MET	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18167_DAISY-7X1 <b>SAMSUN</b> LED FWHM / FWTM Efficiency	LH231B Asymmetric 86 % 1.6 cd/lm 2 White -SHD-MET SIG LH231B Asymmetric 70 %	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18167_DAISY-7X1 <b>SAMSUN</b> LED FWHM / FWTM Efficiency Peak intensity	LH231B Asymmetric 86 % 1.6 cd/lm 2 White -SHD-MET	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18167_DAISY-7X1 <b>SALMSUL</b> ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH231B Asymmetric 86 % 1.6 cd/lm 2 White -SHD-MET VG LH231B Asymmetric 70 % 1 cd/lm 2	50° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18167_DAISY-7X1 <b>SAMSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH231B Asymmetric 86 % 1.6 cd/lm 2 White -SHD-MET	50° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18167_DAISY-7X1 <b>SAMSUM</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH231B Asymmetric 86 % 1.6 cd/lm 2 White -SHD-MET UH231B Asymmetric 70 % 1 cd/lm 2 White	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18167_DAISY-7X1 <b>SAMSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH231B Asymmetric 86 % 1.6 cd/lm 2 White -SHD-MET UH231B Asymmetric 70 % 1 cd/lm 2 White	50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C18167_DAISY-7X1 <b>SAMSUM</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH231B Asymmetric 86 % 1.6 cd/lm 2 White -SHD-MET UH231B Asymmetric 70 % 1 cd/lm 2 White	50° 50° 50° 50° 50° 50° 50° 50°



SEOUL		50° 90°
SEOUL SEMICONDUCTOR	SEOUL DC 3030	4
FWHM / FWTM	Asymmetric	75°
Efficiency	68 %	
Peak intensity	1 cd/lm	60°
LEDs/each optic	1	
Light colour	White	42*
Required components:	Wine	
C16872_DAISY-7X1	SHD	
		300
		30° 30° 30°
SEOUL		
SEOUL SEMICONDUCTOR		90° 90°
LED	SEOUL DC 3030	73. 25.
FWHM / FWTM	Asymmetric	
Efficiency	69 %	60 <sup>4</sup> 60 <sup>4</sup>
Peak intensity	1.2 cd/lm	400
LEDs/each optic	2	
Light colour	White	da, da,
Required components:		
C16872_DAISY-7X1-	SHD	800
		300 300
1		
		159 0 <sup>0</sup> 15°
SEOUL SEMICONDUCTOR		95 <sup>4</sup> 97 125 <sup>4</sup> 97 125
	SEOUL DC 3030C	994 997 994 997
SEOUL SEMICONDUCTOR	SEOUL DC 3030C Asymmetric	32. 36. 36. 27. 96. 26. 26. 26. 26. 26. 26. 26. 26. 26. 2
SEOUL SEMICONDUCTOR		22 24 26 25 26 25 27 27 27
seoul semiconductor LED FWHM / FWTM	Asymmetric	60 <sup>4</sup> 400 55 <sup>4</sup> 55 <sup>4</sup> 55 <sup>4</sup> 55 <sup>4</sup> 55 <sup>4</sup>
scoul semiconductor LED FWHM / FWTM Efficiency	Asymmetric 69 %	64 - 10 94 - 25 94 - 25 10 10 10 10 10 10 10 10 10 10
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 69 % 1.2 cd/lm	400 604 604 904 904 904 904 904 904 904 9
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 69 % 1.2 cd/lm 1	60. 60. 60. 60. 60. 60. 60. 60.
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 69 % 1.2 cd/lm 1 White	00 00 00 00 00 00 00 00 00 00 00 00 00
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 69 % 1.2 cd/lm 1 White	60 60 60 60 60 60 60 60 60 60
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 69 % 1.2 cd/lm 1 White	80 00 00 00 00 00 00 00 00 00
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1:	Asymmetric 69 % 1.2 cd/lm 1 White	
seoul searconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1	Asymmetric 69 % 1.2 cd/lm 1 White	30. 30. 30. 30. 30. 30.   60. 400 60. 60.   60. 400 60.   60. 50. 50.
SEOUL SEARCONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1: SECOUL SEMICONDUCTOR	Asymmetric 69 % 1.2 cd/lm 1 White SHD	20- 20- 20- 20- 20- 20- 20- 20-
SEOUL SEALCONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1: SEOUL SEMICONDUCTOR LED	Asymmetric 69 % 1.2 cd/lm 1 White SHD SEOUL DC 3030C	22 23 24 25 25 25 25 25 25 25 25 25 25
seoul searconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1: SEOUL SEMICONDUCTOR LED FWHM / FWTM	Asymmetric 69 % 1.2 cd/lm 1 White SHD SEOUL DC 3030C Asymmetric	22. 23. 20. 20. 24. 26. 900 900 900 900 900 900 900 90
seoul searconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency	Asymmetric 69 % 1.2 cd/lm 1 White SHD SEOUL DC 3030C Asymmetric 70 %	
seoul searconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 69 % 1.2 cd/lm 1 White SHD SEOUL DC 3030C Asymmetric 70 % 1.3 cd/lm	
SECOUL SEARCONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1 SECOUL SEARCONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 69 % 1.2 cd/lm 1 White SHD SEOUL DC 3030C Asymmetric 70 % 1.3 cd/lm 2	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1 SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 69 % 1.2 cd/lm 1 White SHD SEOUL DC 3030C Asymmetric 70 % 1.3 cd/lm	
SEOUL SEARCONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1 SEOUL SEARCONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 69 % 1.2 cd/lm 1 White SHD SEOUL DC 3030C Asymmetric 70 % 1.3 cd/lm 2 White	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1 SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 69 % 1.2 cd/lm 1 White SHD SEOUL DC 3030C Asymmetric 70 % 1.3 cd/lm 2 White	
SEOUL SEARCONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16872_DAISY-7X1 SEOUL SEARCONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 69 % 1.2 cd/lm 1 White SHD SEOUL DC 3030C Asymmetric 70 % 1.3 cd/lm 2 White	



SEOUL SEMICONDUCTOR		95 <sup>4</sup> 95 <sup>4</sup>
LED	SEOUL DC 3528	75 75
FWHM / FWTM	Asymmetric	
Efficiency	66 %	ap 400
Peak intensity	1.4 cd/lm	
LEDs/each optic	3	
Light colour	White	47° 40°
Required components	3:	
C16872_DAISY-7X1-SHD		
		30°
		100 00 100



#### **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:

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