

PRODUCT DATASHEET F15382\_JENNY-CY-G2

# **JENNY-CY-G2**

 ${\sim}105^\circ$  + 105° batwing light distribution for canopy and symmetrical tunnel lighting.

### **TECHNICAL SPECIFICATIONS:**

Dimensions	35.0 x 35.0 mm
Height	11.5 mm
Fastening	tape
ROHS compliant	yes 🛈



### **MATERIAL SPECIFICATIONS:**

Component JENNY-CY-G2 **Type** Single lens

Material	Colour	Finish
Silicone	clear	

### **ORDERING INFORMATION:**

### Component

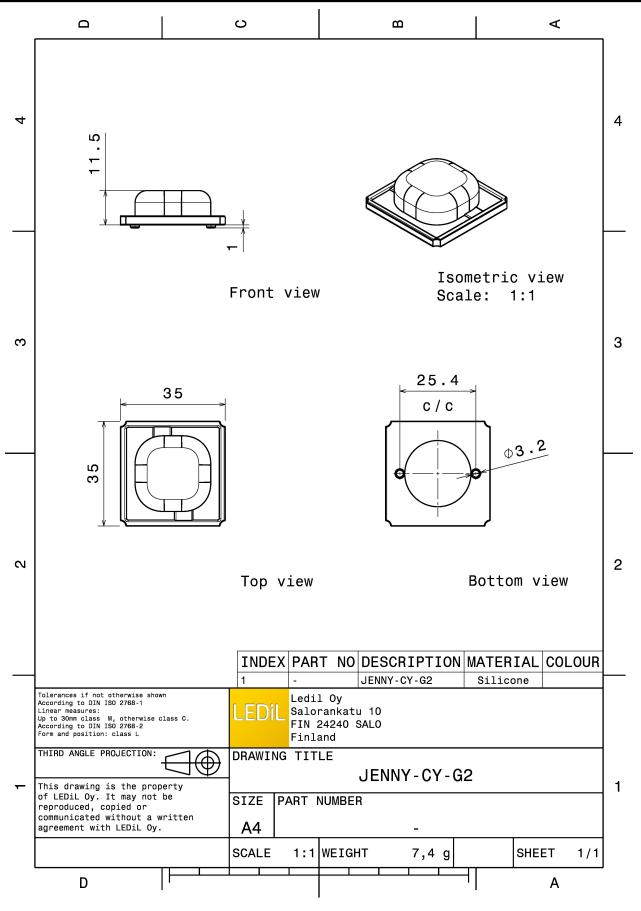
F15382\_JENNY-CY-G2

» Box size: 480 x 280 x 300 mm

Qty in box	MOQ	MPQ	Box weight (kg)
1200	120	60	9.1



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



## PHOTOMETRIC DATA (MEASURED):

LED     MK-R       FWHM / FWTM     105.0° / 120.0°       Efficiency     %       LEDs/each optic     1	90*
FWHM / FWTM 105.0° / 120.0° Efficiency %	785
Efficiency %	
	60%
	$\sim$
	6
Required components:	
40	+ \
	$\setminus$
10 <sup>-1</sup>	30*
	T-T
	90*
LED XHP50	
FWHM / FWTM 102.0° / 118.0°	
Efficiency %	60*
LEDs/each optic 1	
Light colour White	5
Required components:	
40	TV
30° 20 0°	15° 30°
	FT
9°	90*
	1
LED XHP50.2	
FWHM / FWTM 106.0° / 110.0°	604
Efficiency %	$\sim$
LEDs/each optic 1	
LEDs/each optic 1 Light colour White	45*
LEDs/each optic 1	61
LEDs/each optic 1 Light colour White	45%
LEDs/each optic 1 Light colour White	61
LEDs/each optic 1 Light colour White	67.
LEDs/each optic 1 Light colour White Required components:	H
LEDs/each optic 1 Light colour White	H
LEDs/each optic 1 Light colour White Required components:	H
LEDs/each optic 1 Light colour White Required components:	H
LEDs/each optic 1 Light colour White Required components:	
LEDs/each optic 1 Light colour White Required components: CREE CIED LED XM-L EZW FWHM / FWTM 103.0° / 119.0°	H
LEDs/each optic 1 Light colour White Required components: CREECIED LED XM-L EZW FWHM / FWTM 103.0° / 119.0° Efficiency 94 %	
LEDs/each optic 1 Light colour White Required components:	
LEDs/each optic 1 Light colour White Required components:	
LEDs/each optic 1 Light colour White Required components:	
LEDs/each optic 1 Light colour White Required components:	
LEDs/each optic 1 Light colour White Required components:	



## PHOTOMETRIC DATA (MEASURED):

FWHM / FWTM       102.0° / 120.0°         Efficiency       %         LEDs/each optic       1         Light colour       White         Required components:       Image: Component of the second of the s		.EDS	90°
Efficiency % LEDs/each optic 1 Light colour White Required components: LED LUXEON MMX FWHM / FWTM 102.0° / 120.0° Efficiency % LEDs/each optic 1 Light colour White Required components: LED LUXEON MMX EVHM / FWTM 102.0° / 120.0° Efficiency % LEDs/each optic 1 Light colour White Required components: LED LUXEON MMX FWHM / FWTM 102.0° / 118.0° Efficiency % LEDs/each optic 1 Light colour White HED LUXEON HARCH LEDS/each optic 1 Light colour White	LED	LUXEON 5258	70 300
LEDs/ach optic 1 Light colour White Required components: LED LUXEON MMX FWHM / FWTM 102.0° / 120.0° Efficiency % LEDs/ach optic 1 Light colour White Required components: LED Duris S8 FWHM / FWTM 102.0° / 118.0° Efficiency % LEDS/ach optic 1 Light colour White Required components: LED buris S8 FWHM / FWTM 102.0° / 118.0° Efficiency % LEDs/ach optic 1 Light colour White	FWHM / FWTM	103.0° / 118.0 + 120.0°	
Light colour White Required components: LED LUXEON MMX FWHM / FWTM 102.0° / 120.0° Efficiency % LEDs/each optic 1 Light colour White Required components: LED LUXEON MMX FWHM / FWTM 102.0° / 120.0° Efficiency % LEDs/each optic 1 Light colour White Required components: LED Duris S8 FWHM / FWTM 102.0° / 118.0° Efficiency % LEDs/each optic 1 Light colour White	Efficiency	%	50 <sup>4</sup>
Required components:	LEDs/each optic	1	
Image: Constraint of the system of the sy	Light colour	White	
LED LUXEON MMX FWHM / FWTM 102.0° / 120.0° Efficiency % LEDs/each optic 1 Light colour White Required components: LED Duris S8 FWHM / FWTM 102.0° / 118.0° Efficiency % LEDs/each optic 1 Light colour White	Required compone	ents:	
LED LUXEON MMX FWHM / FWTM 102.0° / 120.0° Efficiency % LEDs/each optic 1 Light colour White Required components: LED Duris S8 FWHM / FWTM 102.0° / 118.0° Efficiency % LEDs/each optic 1 Light colour White			
LED LUXEON MMX FWHM / FWTM 102.0° / 120.0° Efficiency % LEDs/each optic 1 Light colour White Required components: LED Duris S8 FWHM / FWTM 102.0° / 118.0° Efficiency % LEDs/each optic 1 Light colour White			
LED LUXEON M/MX FWHM / FWTM 102.0° / 120.0° Efficiency % LEDs/each optic 1 Light colour White Required components: LED Duris S8 FWHM / FWTM 102.0° / 118.0° Efficiency % LEDs/each optic 1 Light colour White			
LED LUXEON MMX FWHM / FWTM 102.0° / 120.0° Efficiency % LEDs/each optic 1 Light colour White Required components LED Duris S8 FWHM / FWTM 102.0° / 118.0° Efficiency % LEDs/each optic 1 Light colour White			25 <sup>2</sup> 200 15 <sup>3</sup>
FWHM / FWTM 102.0° / 120.0° Efficiency % LEDs/each optic 1 Light colour White Required components LED Duris S8 FWHM / FWTM 102.0° / 118.0° Efficiency % LEDs/each optic 1 Light colour White	COMIL	.EDS	80*
FWHM / FWTM 102.0° / 120.0° Efficiency % LEDs/each optic 1 Light colour White Required components: LED Duris S8 FWHM / FWTM 102.0° / 118.0° Efficiency % LEDs/each optic 1 Light colour White			
FWHM / FWTM 102.0° / 120.0° Efficiency % LEDs/each optic 1 Light colour White Required components LED Duris S8 FWHM / FWTM 102.0° / 118.0° Efficiency % LEDs/each optic 1 Light colour White	LED	LUXEON M/MX	70 200
LEDs/each optic 1 Light colour White Required components:	FWHM / FWTM		
LEDs/each optic 1 Light colour White Required components:	Efficiency	%	
Light colour White Required components:		1	
OSRAM Opto Semiconductors     Image: Constraint of the semiconductors       LED     Duris S8       FWHM / FWTM     102.0° / 118.0°       Efficiency     %       LEDs/each optic     1       Light colour     White		White	61
Opto Semiconductors     Duris S8       EWHM / FWTM     102.0° / 118.0°       Efficiency     %       LEDs/each optic     1       Light colour     White	Required compone	ents:	$\times$
Opto Semiconductors     Duris S8       FWHM / FWTM     102.0° / 118.0°       Efficiency     %       LEDs/each optic     1       Light colour     White			40
Opto Semiconductors     Duris S8       EWHM / FWTM     102.0° / 118.0°       Efficiency     %       LEDs/each optic     1       Light colour     White			
Opto Semiconductors     Duris S8       EWHM / FWTM     102.0° / 118.0°       Efficiency     %       LEDs/each optic     1       Light colour     White			20
Opto Semiconductors     Duris S8       FWHM / FWTM     102.0° / 118.0°       Efficiency     %       LEDs/each optic     1       Light colour     White			and the state
LED Duris S8 FWHM / FWTM 102.0° / 118.0° Efficiency % LEDs/each optic 1 Light colour White	OSRAM Opto Semiconductors		90°
FWHM / FWTM       102.0° / 118.0°         Efficiency       %         LEDs/each optic       1         Light colour       White			
Efficiency % LEDs/each optic 1 Light colour White	LED	Duris S8	70 10
Efficiency % LEDs/each optic 1 Light colour White	FWHM / FWTM	102.0° / 118.0°	
LEDs/each optic 1 Light colour White			50*
310		1	
Required components:	Light colour	White	4.
	Required compone	ents:	
40			
			40



## PHOTOMETRIC DATA (SIMULATED):

		90*
LED	J Series 2835	
FWHM / FWTM	95.0° / 104.0°	73% 100 75%
Efficiency	96 %	60°
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	30
Light colour	White	6° 6°
Required components:		400
		$X \land X$
		30* 600 30*
		90°
LED	MX-6	73° 75°
FWHM / FWTM	102.0° / 118.0°	
Efficiency	93 %	60° 60°.
LEDs/each optic	1	
Light colour	White	-5°
Required components:		$\times$ $\land$ $\times$
		500
		30* 30*
		90* 90* 90*
	XHP50.3 HD	
LED	XHP50.3 HD 103.0 + 102.0° / 112.0°	20 V
LED FWHM / FWTM	103.0 + 102.0° / 112.0°	
LED FWHM / FWTM Efficiency	103.0 + 102.0° / 112.0° 96 %	200 50° 200 70° 200 60°
LED FWHM / FWTM Efficiency Peak intensity	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm	200 60*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm	6 <sup>34</sup> 209 6 <sup>34</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1	6 <sup>34</sup> 209 6 <sup>34</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1	6 <sup>34</sup> 209 6 <sup>34</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1	6 <sup>34</sup> 209 6 <sup>34</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1	6 <sup>34</sup> 200 60 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1 White XHP50.3 HI	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1 White XHP50.3 HI 102.0° / 110.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1 White XHP50.3 HI 102.0° / 110.0° 97 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1 White XHP50.3 HI 102.0° / 110.0° 97 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1 White XHP50.3 HI 102.0° / 110.0° 97 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1 White XHP50.3 HI 102.0° / 110.0° 97 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1 White XHP50.3 HI 102.0° / 110.0° 97 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1 White XHP50.3 HI 102.0° / 110.0° 97 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1 White XHP50.3 HI 102.0° / 110.0° 97 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	103.0 + 102.0° / 112.0° 96 % 0.5 cd/lm 1 White XHP50.3 HI 102.0° / 110.0° 97 % 0.5 cd/lm 1	



## PHOTOMETRIC DATA (SIMULATED):

LED     XHP70.3 HD	
LED XHP70.3 HD	Y FFL
	100 75°
FWHM / FWTM 105.0° / 112.0°	
Efficiency 96 %	200 601
Peak intensity 0.5 cd/lm	
LEDs/each optic 1	
Light colour White	65*
Required components:	460
	600 30°
LUMILEDS	X EFT
	90*
LED LUXEON 5050 Round LES	
FWHM / FWTM 100.0° / 110.0°	-100
Efficiency 94 %	604
Peak intensity 0.6 cd/lm	200
LEDs/each optic 1	
Light colour White	64
Required components:	400
	200
	30*
	x Et
LUMILEDS	99*
LED LUXEON 7070	9°
LED LUXEON 7070 FWHM / FWTM 102.0° / 112.0°	99 100
LED LUXEON 7070 FWHM / FWTM 102.0° / 112.0° Efficiency 93 %	94 72 64
LED     LUXEON 7070       FWHM / FWTM     102.0° / 112.0°       Efficiency     93 %       Peak intensity     0.5 cd/lm	97 509 200
LED     LUXEON 7070       FWHM / FWTM     102.0° / 112.0°       Efficiency     93 %       Peak intensity     0.5 cd/m       LEDs/each optic     1	100 200
LED     LUXEON 7070       FWHM / FWTM     102.0° / 112.0°       Efficiency     93 %       Peak intensity     0.5 cd/lm       LEDs/each optic     1       Light colour     White	100 200 200 67
LED     LUXEON 7070       FWHM / FWTM     102.0° / 112.0°       Efficiency     93 %       Peak intensity     0.5 cd/lm       LEDs/each optic     1	100 P2 200 EX
LED     LUXEON 7070       FWHM / FWTM     102.0° / 112.0°       Efficiency     93 %       Peak intensity     0.5 cd/lm       LEDs/each optic     1       Light colour     White	200 200 00 00
LED     LUXEON 7070       FWHM / FWTM     102.0° / 112.0°       Efficiency     93 %       Peak intensity     0.5 cd/lm       LEDs/each optic     1       Light colour     White	200 200 400
LED     LUXEON 7070       FWHM / FWTM     102.0° / 112.0°       Efficiency     93 %       Peak intensity     0.5 cd/lm       LEDs/each optic     1       Light colour     White	500 500 600 600 600 600 600 600 600 600
LED LUXEON 7070 FWHM / FWTM 102.0° / 112.0° Efficiency 93 % Peak intensity 0.5 cd/m LEDs/each optic 1 Light colour White Required components:	100 200 200 600 600 600 600 600 6
LED     LUXEON 7070       FWHM / FWTM     102.0° / 112.0°       Efficiency     93 %       Peak intensity     0.5 cd/m       LEDs/each optic     1       Light colour     White	500 500 500 500 60 60 60 60 67 50 67 50 67 50 67 50 67 50 67 50 67 50 67 50 67 50 67 50 67 50 67 50 67 50 50 50 50 50 50 50 50 50 50 50 50 50
LED LUXEON 7070 FWHM / FWTM 102.0° / 112.0° Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:	500 500 600 600 600 600 600 600 600 600
LED LUXEON 7070   FWHM / FWTM 102.0° / 112.0°   Efficiency 93 %   Peak intensity 0.5 cd/lm   LEDs/each optic 1   Light colour White   Required components: ************************************	90 100 100 100 100 100 100 100 1
LED LUXEON 7070 FWHM / FWTM 102.0° / 112.0° Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: LED NCSU334A FWHM / FWTM 96.0° / 106.0°	
LED       LUXEON 7070         FWHM / FWTM       102.0° / 112.0°         Efficiency       93 %         Peak intensity       0.5 cd/lm         LEDs/each optic       1         Light colour       White         Required components:       Image: Component State Stat	
LED       LUXEON 7070         FWHM / FWTM       102.0° / 112.0°         Efficiency       93 %         Peak intensity       0.5 cd/lm         LEDs/each optic       1         Light colour       White         Required components:       Vinite         IED       NCSU334A         FWHM / FWTM       96.0° / 106.0°         Efficiency       71 %         LEDs/each optic       1	
LED       LUXEON 7070         FWHM / FWTM       102.0° / 112.0°         Efficiency       93 %         Peak intensity       0.5 cd/m         LEDs/each optic       1         Light colour       White         Required components:       Vite         FWHM / FWTM       96.0° / 106.0°         Efficiency       71 %         LEDs/each optic       1         Light colour       VNC	
LED       LUXEON 7070         FWHM / FWTM       102.0° / 112.0°         Efficiency       93 %         Peak intensity       0.5 cd/lm         LEDs/each optic       1         Light colour       White         Required components:       Image: Component State Stat	
LED LUXEON 7070 FWHM / FWTM 102.0° / 112.0° Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: LED NCSU334A FWHM / FWTM 96.0° / 106.0° Efficiency 71 % LEDs/each optic 1 Light colour UV-C Required components:	
LED       LUXEON 7070         FWHM / FWTM       102.0° / 112.0°         Efficiency       93 %         Peak intensity       0.5 cd/lm         LEDs/each optic       1         Light colour       White         Required components:       Image: Component State Stat	



### PHOTOMETRIC DATA (SIMULATED):

<b>Μ</b> ΝΙCΗΙΛ		90° 90°
LED	NVSxE21A	
FWHM / FWTM	96.0° / 108.0°	75* 100 75*
Efficiency	94 %	
Peak intensity	0.6 cd/lm	50° 50°
LEDs/each optic	4	
Light colour	White	45°
Required components:		
		400
		$\times$
		500
		(30° 15 <sup>5</sup> 0° 15° 30°
OSRAM Opto Semiconductors		
LED	OSCONIQ P 7070	
FWHM / FWTM	100.0° / 106.0°	75° 100 75°
Efficiency	93 %	
Peak intensity	0.5 cd/lm	50*
LEDs/each optic	1	1 marting
Light colour	White	45° 45°
Required components:		
		400
		500
		30° 152 0° 10° 30°
SEOUL SEMICONDUCTOR		90°
	Z8Y22	
FWHM / FWTM	102.0° / 130.0 + 110.0°	752 752
Efficiency	93 %	
Peak intensity	0.6 cd/lm	604 604
LEDs/each optic	1	
Light colour	White	45*
Required components:		20
		30* 15 <sup>5</sup> 30* 30*



### **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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