

PRODUCT DATASHEET F14531_JENNY-CY

JENNY-CY

~105° + 105° batwing light distribution for canopy and symmetrical tunnel lighting. Variant with wire channels on the sides enabling compatibility with small COBs.

TECHNICAL SPECIFICATIONS:

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



MATERIAL SPECIFICATIONS:

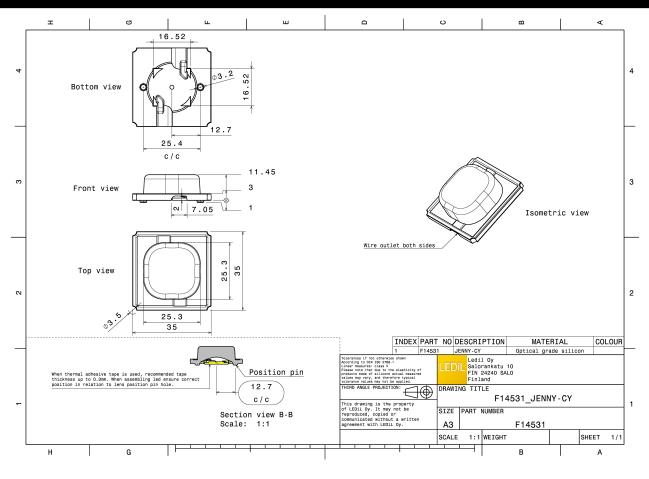
Component JENNY-CY **Type** Single lens

Material	Colour	Finish
Silicone	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F14531_JENNY-CY	1440	120	60	10.3
» Box size: 480 x 280 x 300 mm				

PRODUCT DATASHEET F14531_JENNY-CY



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 C14436_JENNY		
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	V10 Gen6 102.0° / 117.0° 94 % 0.4 cd/lm 1 White nts:	
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	V6 Gen6 110.0° / 123.0 + 124.0° 94 % 0.4 cd/lm 1	
Light colour Required compone C14436_JENNY		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	V6 Gen6 110.0° / 123.0° 94 % 0.4 cd/lm 1 White nts:	



bridgelux.			90°
LED	V8 Gen6		
FWHM / FWTM	105.0 + 106.0° / 118.0 + 119.0°		75° 70°
Efficiency	94 %		
Peak intensity	0.4 cd/lm		66* 66*
LEDs/each optic	1		
Light colour	White		
Required componer			30
C14436_JENNY			XIX
			400
			\times / \times
			30* 15 ⁵ 4 ⁶ 0 15 ⁴ 30 ⁴
bridgelux.			90° 900
LED	V8 Gen6		
FWHM / FWTM	105.0° / 121.0°		750 780
Efficiency	94 %		
Peak intensity	0.4 cd/lm		eet et e
LEDs/each optic	1		
Light colour	White		
Required componer			300
			\times
			40
			\times / \setminus \times
			30* <u>15</u> ³ 0 ⁰ 15* 30*
CITIZE	N		201 201
LED	CLL01x		
FWHM / FWTM	104.0° / 116.0 + 117.0°		75°
Efficiency	94 %		
Peak intensity	0.4 cd/lm		
LEDs/each optic	1		
Light colour	White		
Light colour			
Required componer	nts:		
Required componer C14436 JENNY			
Required componer C14436_JENNY			20
C14436_JENNY	-HLD-A-BLK		20°
	-HLD-A-BLK		20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
C14436_JENNY	-HLD-A-BLK		
C14436_JENNY	-HLD-A-BLK N CLL01x		
C14436_JENNY	-hld-a-blk N		
C14436_JENNY	-HLD-A-BLK N CLL01x 104.0° / 117.0° 94 %		
C14436_JENNY	-HLD-A-BLK N CLL01x 104.0° / 117.0°		
C14436_JENNY CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HLD-A-BLK N CLL01x 104.0° / 117.0° 94 % 0.4 cd/lm 1	•	
C14436_JENNY CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HLD-A-BLK N CLL01x 104.0° / 117.0° 94 % 0.4 cd/lm 1 White		
C14436_JENNY CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HLD-A-BLK N CLL01x 104.0° / 117.0° 94 % 0.4 cd/lm 1 White		
C14436_JENNY CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HLD-A-BLK N CLL01x 104.0° / 117.0° 94 % 0.4 cd/lm 1 White		
C14436_JENNY CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HLD-A-BLK N CLL01x 104.0° / 117.0° 94 % 0.4 cd/lm 1 White		



CITIZE	זאי	
CITIZE	'IN	10°
LED	CLL02x/CLU02x (LES10)	
FWHM / FWTM	103.0° / 117.0 + 116.0°	734-
Efficiency	93 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
C14436_JENN	Y-HLD-A-BLK	
		30* 55 66 55 30'
CITIZE	N	
LED	CLL02x/CLU02x (LES10)	
FWHM / FWTM	103.0° / 116.0°	751
Efficiency	93 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		\times
		40
		30° 30° 30°
CITIZE	N	90* 99
LED	CLU700/701/702	
FWHM / FWTM	102.0° / 116.0 + 118.0°	73 79
Efficiency	93 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		30* 50 30*
CITIZE	'N	
		90°
LED	CLU700/701/702	
FWHM / FWTM	102.0° / 116.0 + 118.0°	200 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100
Efficiency	93 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
C14436_JENN	Y-HLD-A-BLK	40
		\times / \setminus \times
		30° (r) 200 (r) 30°



ADEE 4				
CREE 4				
LED	CXA/B 13xx			
FWHM / FWTM	105.0° / 119.0°		759	T
Efficiency	94 %		100	
Peak intensity	0.4 cd/lm		50*	
	1			
LEDs/each optic				
Light colour	White		45*	
Required compone				
C14436_JENNY	-HLD-A-BLK			
			30* 15 09	15* 30
CREE 4			80 ⁴	1.
LED	CXA/B 13xx			
FWHM / FWTM	105.0° / 119.0°		75	
Efficiency	94 %			
Peak intensity	0.4 cd/lm		50 ⁴	
LEDs/each optic	1			\sim
Light colour	' White			
Required compone			30	
required compone				
			400	
			30* 155 00	30
CREE 4	25		90°	90
LED	CXA/B 15xx			
FWHM / FWTM	106.0° / 119.0°		731	1
Efficiency	94 %		- 100	\mathcal{N}
Peak intensity	0.4 cd/lm			· / ·
LEDs/each optic	1			$\langle \rangle$
Light colour	White		45*	
				// `
Required compone	nts:		310	
Required compone	nts:			
Required compone	nts:			X
Required compone	nts:			
			200 000 200 00	19- 3
				19. 3
CREE (s.			13
	MK-R			10°
	MK-R 105.0° / 121.0°			13°
CREE 4 LED FWHM / FWTM Efficiency	MK-R 105.0° / 121.0° 92 %			13° 2
CREE 4 LED FWHM / FWTM Efficiency Peak intensity	MK-R 105.0° / 121.0° 92 % 0.4 cd/lm			
CREE 4 LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	MK-R 105.0° / 121.0° 92 % 0.4 cd/lm 1			
CREE C LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	MK-R 105.0° / 121.0° 92 % 0.4 cd/lm 1 White			
CREE C LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	MK-R 105.0° / 121.0° 92 % 0.4 cd/lm 1 White nts:			
CREE C LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	MK-R 105.0° / 121.0° 92 % 0.4 cd/lm 1 White nts:			
CREE C LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	MK-R 105.0° / 121.0° 92 % 0.4 cd/lm 1 White nts:			



CREE 4 LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	MK-R 105.0° / 120.0° 92 % 0.4 cd/lm 1 White	
CREE C LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XHP50 105.0° / 126.0° 94 % 0.4 cd/lm 1 White	
CREE C LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XHP50 105.0° / 126.0° 94 % 0.4 cd/lm 1	
Light colour Required compone C14436_JENNY	White nts: -HLD-A-BLK	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	103.0° / 119.0° 94 % 0.5 cd/lm 1 White	



CREE -		
LED	XM-L EZW	90*
FWHM / FWTM	102.0 + 103.0° / 117.0 + 120.0°	750
Efficiency	94 %	
Peak intensity	0.5 cd/lm	604
LEDs/each optic	1	200
Light colour	White	45'
Required compone		
C14436_JENNY		
011100_0211111		400
		30° 500 30° 30° 30°
🥙 LUMIL	.EDS	30 ⁴
LED	LUXEON 5258	
FWHM / FWTM	103.0° / 118.0 + 120.0°	736 100 77
Efficiency	94 %	
Peak intensity	0.5 cd/lm	60° 60
LEDs/each optic	1	
Light colour	White	45* 42
Required compone	ents:	
		400
		30*
	EDC	13 ⁵ 0 ⁶ 15*
	.EDS	90*
LED	LUXEON 5258	
FWHM / FWTM	103.0 + 104.0° / 118.0 + 120.0°	75 - 100 - 77
Efficiency	94 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	45°
Required compone		
C14436_JENNY	-HLD-A-BLK	400
C14436_JENNY	-HLD-A-BLK	
G14436_JENNY	-HLU-A-BLK	240 34° 22 ⁵ 200 12 ⁵ X
		20 20 ⁴ 23 ³ 0 ⁶⁰ 33 ⁴ X
🔗 LUMIL	.EDS	20 20 ⁴ 20 20 ⁴ 10 ⁴ X
C LUMIL	.EDS	20 30 ¹ 22 ¹ 20 30 ² 13 ² X 30 ² 13 ² X
LUMIL LED FWHM / FWTM	EDS LUXEON M/MX 105.0° / 120.0°	20 20 20 20 20 20 20 20 20
ED FWHM / FWTM Efficiency	EDS LUXEON M/MX 105.0° / 120.0° 94 %	5
FWHM / FWTM Efficiency Peak intensity	EDS LUXEON M/MX 105.0° / 120.0° 94 % 0.5 cd/lm	20 ¹ 20 ¹ 20 ¹ 20 ¹ 20 ¹ 20 ¹ 20 ¹
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	EDS LUXEON M/MX 105.0° / 120.0° 94 % 0.5 cd/lm 1	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	EDS LUXEON M/MX 105.0° / 120.0° 94 % 0.5 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	EDS LUXEON M/MX 105.0° / 120.0° 94 % 0.5 cd/lm 1 White ents:	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	EDS LUXEON M/MX 105.0° / 120.0° 94 % 0.5 cd/lm 1 White ents:	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	EDS LUXEON M/MX 105.0° / 120.0° 94 % 0.5 cd/lm 1 White ents:	



3.0 + 119.0°				9 20 20 20 20 20 20 20 20 20 20 20 20 20			20 20 20 20 20 20 20 20 20 20
3.0 + 119.0°				90 730 80 81		200	9
3.0 + 119.0°				73 64 45*		100	
				30°		400 0° 11	50 X
					1	F	1
				92 732 84 67 10 10		200 200 200 00 00 00 00	
				90*	\square	F	
3.0°				8 8 67		310 250	a d
	8.0°	8.0°	8.0°	8.0°			



OCDAM					
OSRAM Opto Semiconductors					
LED	Duris S10				
FWHM / FWTM	108.0° / 124.0°				
Efficiency	94 %				
Peak intensity	0.4 cd/lm				
LEDs/each optic	1				
Light colour	White				
Required compone	ents:				
OSRAM Opto Semiconductors				90*	90*
LED	Duris S10		0		
FWHM / FWTM	108.0° / 124.0°			750 100	70
Efficiency	94 %			\times	
Peak intensity	0.4 cd/lm			.60*200	68%
LEDs/each optic	1				
Light colour	White			45*	45*
Required compone	ents:				
C14436_JENN				400	
					1
				30° 15 ³ 0°	15° 30°
OSRAM Opto Semiconductors				90*	90*
LED	Duris S8				
FWHM / FWTM	102.0° / 118.0°			780	782
Efficiency	94 %				
Peak intensity	0.5 cd/lm			504	60*
LEDs/each optic	1				\mathcal{N}
Light colour	White			45+	
Required compone				300	
				400	
OSRAM				135	15* 30*
Opto Semiconductors				90*	90*
LED	Duris S8				
FWHM / FWTM	102.0° / 117.0 + 120.0°			- 100	
Efficiency	94 %			50+	
Peak intensity	0.5 cd/lm			200	
LEDs/each optic	1				
Light colour	White			45+	
Required compone		And the same of th		VII	
C14436_JENN	Y-HLD-A-BLK			400	+
				K / T	
				30*	30*
				15	15*



SAMSI	UNG	94°
LED	LC003D / LC006D / LC009D / LC013D	
FWHM / FWTM	106.0° / 121.0°	72
Efficiency	94 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
C14436_JENN		
		30* 20 ⁴ 10 ⁴
SAMSI	UNG	81
LED	LC003D / LC006D / LC009D / LC013D	
FWHM / FWTM	106.0° / 121.0°	70
Efficiency	94 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	6
Required compone	ents:	
		400
		30° 12 ⁰ 0° 12 ⁰
SEOUL SEMICONDUCTOR		80*
LED	MJT COB LES 6	
FWHM / FWTM	111.0° / 130.0°	B ¹
Efficiency	91 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	5
Required compone	ents:	
C14436_JENNY	Y-HLD-A-BLK	\times / \times
		40
SEOUL		
SEOUL SEMICONDUCTOR	MJT COB LES 6	
FWHM / FWTM	111.0° / 130.0°	71
Efficiency	91 %	
Peak intensity	0.4 cd/lm	er and a second s
LEDs/each optic	1	
Light colour	White	
Required compone		
		40
		304



SEOUL SEOUL SEMICONDUCTOR		90'
LED	MJT COB LES 9.8	
FWHM / FWTM	105.0° / 128.0°	70 72
Efficiency	93 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	er er
Required compone	nts:	
C14436_JENNY	′-HLD-A-BLK	
		40
		15 ⁵ 0 ⁶ 15 ^o
SEOUL SEMICONDUCTOR	MJT COB LES 9.8	92
seoul semiconductor	MJT COB LES 9.8 105.0° / 128.0°	
seoul semiconductor LED FWHM / FWTM	MJT COB LES 9.8 105.0° / 128.0° 93 %	21 ⁴
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency	105.0° / 128.0°	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	105.0° / 128.0° 93 %	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency	105.0° / 128.0° 93 % 0.4 cd/lm	
seour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	105.0° / 128.0° 93 % 0.4 cd/lm 1 White	
seour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	105.0° / 128.0° 93 % 0.4 cd/lm 1 White	
seour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	105.0° / 128.0° 93 % 0.4 cd/lm 1 White	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	105.0° / 128.0° 93 % 0.4 cd/lm 1 White	



PHOTOMETRIC DATA (SIMULATED):

bridgelux.		<u>80*</u>
LED	V10 Gen7	
FWHM / FWTM	95.0 + 102.0° / 105.0 + 112.0°	100
Efficiency	94 %	
Peak intensity	0.4 cd/lm	200
LEDs/each optic	1	
Light colour	White	47
Required components:		
C14436_JENNY-HLD	D-A-BLK	
		(30° 30° 30° 30°
bridgelux.		90* 90*
LED	V10 Gen7	
FWHM / FWTM	95.0 + 102.0° / 105.0 + 112.0°	75°
Efficiency	94 %	
Peak intensity	0.4 cd/lm	60*
LEDs/each optic	1	
Light colour	White	
Required components:	WIIG	
Required components.		A Part
		400
		30° 500 30° 30°
CREE ≑		
		90* 90*
LED	XHP35 HD	70
FWHM / FWTM	102.0° / 112.0°	
Efficiency	94 %	50*
Peak intensity	0.4 cd/lm	200
LEDs/each optic	1	
Light colour	White	43*
Required components:		XIX
		400
		30° 30°
		15 ³ 0 ⁶ 19 ⁵
CREE ≑		90 ⁺ 90 ⁺
LED	XHP50.2	
FWHM / FWTM	104.0° / 114.0°	130 732
Efficiency	94 %	
Peak intensity	0.5 cd/lm	60 ⁴ 60 ⁴
LEDs/each optic	1	
Light colour	' White	45° 300 45°.
Required components:	TTRUE	
		40
		200
		30° 10° 30°

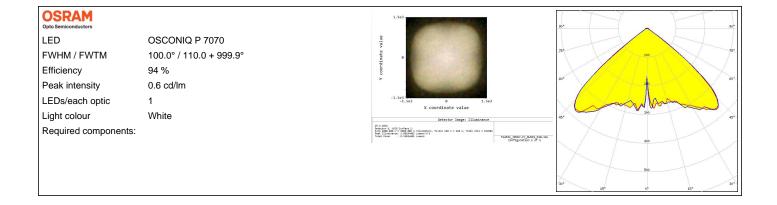


PHOTOMETRIC DATA (SIMULATED):

	US	· · · · · · · · · · · · · · · · · · ·	
LED	XFM-5050 4 Die		736
FWHM / FWTM	98.0° / 103.0°		100
Efficiency	66 %		60* 60*
LEDs/each optic	1		
Light colour	UV-C		45° 200 45°
Required components:			
The UVC LED result tolerance is ± 10 %			30
			30* 12 ⁵ 0* 15* 30*
MICHIΛ			97° - 98°
LED	NCSU334A		75° 200 78°
FWHM / FWTM	96.0° / 105.0°		
Efficiency	71 %		60 ⁴
LEDs/each optic	1		
Light colour	UV-C		45'
Required components:			40
The UVC LED re	sult tolerance is ±10 %		
			30 ⁴ 13 ⁵ 0 ⁴ 13 ⁵ 30 ⁴
MICHIΛ			90° - 90°
LED	NVSxE21A		
LED FWHM / FWTM	NVSxE21A 100.0° / 110.0 + 108.0°		751 150 77
FWHM / FWTM	100.0° / 110.0 + 108.0°		20
FWHM / FWTM Efficiency	100.0° / 110.0 + 108.0° 94 %		27 Jun 72
FWHM / FWTM Efficiency Peak intensity	100.0° / 110.0 + 108.0°		291
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm 4		289
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm		59 500 72 60 50 60 67 67 67
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm 4		- 89
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm 4		- 89
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm 4		- 89
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm 4		289
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm 4		289
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm 4		289
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm 4 White		- 89
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm 4 White		289
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm 4 White OSCONIQ P 7070 100.0° / 107.0°		289
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm 4 White OSCONIQ P 7070 100.0° / 107.0° 93 %		284
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Corb Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm 4 White OSCONIQ P 7070 100.0° / 107.0° 93 % 0.5 cd/lm		289
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm 4 White OSCONIQ P 7070 100.0° / 107.0° 93 % 0.5 cd/lm 1		284
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm 4 White OSCONIQ P 7070 100.0° / 107.0° 93 % 0.5 cd/lm 1 White		289
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Over Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm 4 White OSCONIQ P 7070 100.0° / 107.0° 93 % 0.5 cd/lm 1 White		284
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OPERATION Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	100.0° / 110.0 + 108.0° 94 % 0.6 cd/lm 4 White OSCONIQ P 7070 100.0° / 107.0° 93 % 0.5 cd/lm 1 White		284



PHOTOMETRIC DATA (SIMULATED):





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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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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