

# **JENNY-60**

~60° beam

#### **SPECIFICATION:**

Dimensions	35.0 x 35.0 mm
Height	13.4 mm
Fastening	pin
ROHS compliant	yes 🛈



#### **MATERIALS:**

Component JENNY-60

### **Type** Single lens

Material	Colour	Finish
Silicone	clear	

### **ORDERING INFORMATION:**

**Component** F15541\_JENNY-60 » Box size: 480 x 280 x 300 mm

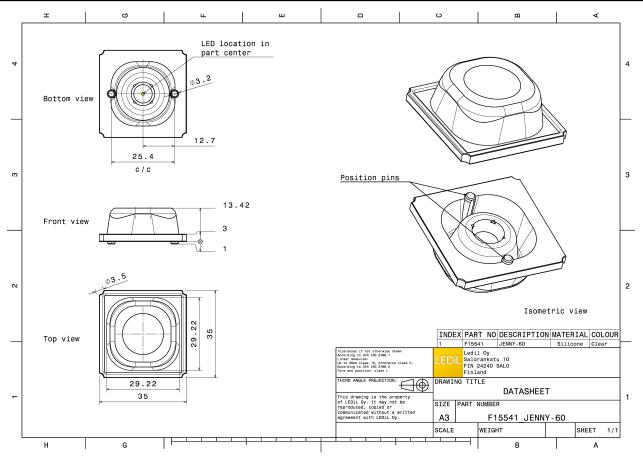
Qty in box	MOQ	MPQ	Box weight (kg)
1200	120	60	9.9

# PRODUCT DATASHEET F15541\_JENNY-60

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# PRODUCT DATASHEET F15541\_JENNY-60



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

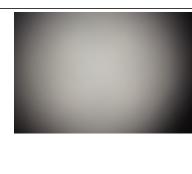


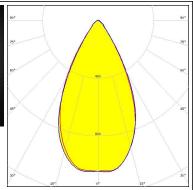
### **OPTICAL RESULTS (MEASURED):**

# UMILEDS

LED	LU
FWHM / FWTM	55
Efficiency	93
Peak intensity	1.1
LEDs/each optic	1
Light colour	W
Required componer	nts:









		90° 90°
LED	MHD-E/G	
FWHM / FWTM	57.0° / 84.0°	75*
Efficiency	94 %	
Peak intensity	94 % 1 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	' White	67° (57°
Required components:	White	
Required components.		800
		30° 30° 30°
		90° 90°
	MK-R	73.
FWHM / FWTM	57.0° / 82.0° 95 %	
Efficiency Peak intensity	95 % 1 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	' White	45*
Required components:	White	
Required components:		
		36° 30° 30°
		90°
LED	XHP50.3 HD	75°
FWHM / FWTM	62.0° / 86.0°	200
Efficiency	96 %	60° 60°
Peak intensity	0.9 cd/lm	400
LEDs/each optic	1	
Light colour	White	
Required components:		
1		
		<b>5</b>
		34° 0° 55° 56°
CREE 🔶		30° 30°
LED	XHP50.3 HI	29 20 20 20 20 20 20 20 20 20 20
LEDs LED FWHM / FWTM	58.0° / 77.0°	22 20 20 20 00 20 00 20 00 20 00 0
LEDs LED FWHM / FWTM Efficiency	58.0° / 77.0° 97 %	800 000 900 000 900 9
LEDs LED FWHM / FWTM Efficiency Peak intensity	58.0° / 77.0° 97 % 1.1 cd/lm	
LEDs EHMM / FWTM Efficiency Peak intensity LEDs/each optic	58.0° / 77.0° 97 % 1.1 cd/lm 1	605 607
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	58.0° / 77.0° 97 % 1.1 cd/lm	
LEDs EHMM / FWTM Efficiency Peak intensity LEDs/each optic	58.0° / 77.0° 97 % 1.1 cd/lm 1	605 607
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	58.0° / 77.0° 97 % 1.1 cd/lm 1	60 <sup>4</sup>
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	58.0° / 77.0° 97 % 1.1 cd/lm 1	60 <sup>4</sup>
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	58.0° / 77.0° 97 % 1.1 cd/lm 1	60 <sup>4</sup>



r		
		90° 90°
	VILIDE0	
LED	XHP70	75
FWHM / FWTM	59.0° / 86.0°	
Efficiency	93 %	60°
Peak intensity	1 cd/lm	400
LEDs/each optic	1	
Light colour	White	er /
Required components:		
		36° 1000 36° 35°
		90* 90*
LED	XHP70.3 HD	75"
FWHM / FWTM	62.0° / 92.0°	-200
Efficiency	96 %	60°
Peak intensity	0.9 cd/lm	400
LEDs/each optic	1	
Light colour	White	8°
Required components:		
		~~~~~
		36°
CREE ≑		90° 90°
		»·
LED	XHP70.3 HI	39 <sup>3</sup>
LED FWHM / FWTM	56.0° / 77.0 + 78.0°	20 <sup>1</sup> 20 <sup>1</sup>
LED FWHM / FWTM Efficiency	56.0° / 77.0 + 78.0° 97 %	99 <sup>1</sup> 79 10 <sup>1</sup> 600
LED FWHM / FWTM Efficiency Peak intensity	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm	59°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1	59° - 400 - 50° 59° - 400 - 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm	55°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1	59°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1	59°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1	59' 39 60' 60' 60' 60' 60' 60' 60' 60' 60'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1	55° 55° 55° 55° 55° 55° 55° 55°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1 White	- 00 - 00 - 00 - 00 - 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1 White	200 - 00 200 - 00 200 200 - 00 200 - 00 200 200 - 00 200 200 - 00 200 - 000 200 200 - 000 200 - 000 200 - 000 200 - 000 200 200 - 000 200 - 000 200 - 000 200 - 000 200 - 000 200 200 - 000 200 - 000 200 - 000 200 - 000 200 200 - 000 200 200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1 White	200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 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 Required components:	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1 White	200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 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 Required components:	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1 White	200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 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 Required components:	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1 White S LUXEON 7070 54.0° / 80.0° 91 % 1.1 cd/lm	200 - 00 200 - 00 200 200 - 00 200 - 00 200 200 - 00 200 200 - 00 200 - 000 200 200 - 000 200 - 000 200 - 000 200 - 000 200 200 - 000 200 - 000 200 - 000 200 - 000 200 - 000 200 200 - 000 200 - 000 200 - 000 200 - 000 200 200 - 000 200 200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: UDMILED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1 White	90 <sup>4</sup> 92 <sup>5</sup> 90 <sup>4</sup> 90 <sup>4</sup> 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1 White S LUXEON 7070 54.0° / 80.0° 91 % 1.1 cd/lm	200 - 00 200 - 00 200 200 - 00 200 - 00 200 200 - 00 200 200 - 00 200 - 000 200 200 - 000 200 - 000 200 - 000 200 - 000 200 200 - 000 200 - 000 200 - 000 200 - 000 200 - 000 200 200 - 000 200 - 000 200 - 000 200 - 000 200 200 - 000 200 200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: UDMILED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1 White	00 - 00 00 - 00 00 - 00 00 - 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1 White	00 - 00 00 - 00 00 - 00 00 - 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1 White	00 - 00 00 - 00 00 - 00 00 - 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	56.0° / 77.0 + 78.0° 97 % 1.2 cd/lm 1 White	00 - 00 00 - 00 00 - 00 00 - 00 00 00 00 00 00 00 00 00 00



	US	90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SFT-40-WCS 60.0° / 74.0° 98 % 1.2 cd/lm 1 White	
	JS	90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SFT-70X-WCS 60.0° / 76.0° 98 % 1.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SST-70X-WCS 60.0° / 79.0° 97 % 1.1 cd/lm 1 White	
<b>WICHIA</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NFMW48xA 54.0° / 78.0° 97 % 1.2 cd/lm 1 White	20° 00 12° 20°



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<b>ΜΝΙCΗΙΛ</b>		90° 90°
LED	NV4WB35AM	
FWHM / FWTM	58.0° / 76.0°	
Efficiency	93 %	60 <sup>4</sup> 60 <sup>4</sup>
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	
Light colour	White	5° 6°
Required components:		000
		30° 30°
ØΝΙCΗΙΛ		125 1280 135
		90° 90°
LED	NVSxE21A	75*
FWHM / FWTM	51.0° / 77.0°	
Efficiency	94 %	60° 60°
Peak intensity	1.3 cd/lm	
LEDs/each optic	4	g*
Light colour	White	
Required components:		
		1230
		300 300
		15 0 15
OSRAM		90 <sup>+</sup> 90 <sup>+</sup>
Opto Semiconductors	Duris S10	59° 59°
Opto Semiconductors LED	Duris S10 49.0° / 77.0°	
Opto Semiconductors LED FWHM / FWTM	49.0° / 77.0°	
opto Semiconductors LED FWHM / FWTM Efficiency	49.0° / 77.0° 94 %	100 100 100 100 100 100 100 100 100 100
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	49.0° / 77.0°	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	49.0° / 77.0° 94 % 1.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	49.0° / 77.0° 94 % 1.3 cd/lm	B0         B2           B1         B0           B2         B0
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	49.0° / 77.0° 94 % 1.3 cd/lm 1	5° (° 19' 6° (° 19' 13' 6° (° 19' 13' 13' 13' 13' 13' 13' 13' 13' 13' 13
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	49.0° / 77.0° 94 % 1.3 cd/lm 1	25 07 15 09 00 00 00 00 00 00 00 00 00
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	49.0° / 77.0° 94 % 1.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	49.0° / 77.0° 94 % 1.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	49.0° / 77.0° 94 % 1.3 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	49.0° / 77.0° 94 % 1.3 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	49.0° / 77.0° 94 % 1.3 cd/lm 1 White Duris S8 50.0° / 77.0°	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	49.0° / 77.0° 94 % 1.3 cd/lm 1 White Duris S8 50.0° / 77.0° 94 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	49.0° / 77.0° 94 % 1.3 cd/lm 1 White Duris S8 50.0° / 77.0° 94 % 1.2 cd/lm	
opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:  OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	49.0° / 77.0° 94 % 1.3 cd/lm 1 White Duris S8 50.0° / 77.0° 94 % 1.2 cd/lm 1	
opto Semiconductors LED 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	49.0° / 77.0° 94 % 1.3 cd/lm 1 White Duris S8 50.0° / 77.0° 94 % 1.2 cd/lm	
opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:  OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	49.0° / 77.0° 94 % 1.3 cd/lm 1 White Duris S8 50.0° / 77.0° 94 % 1.2 cd/lm 1	
opto Semiconductors LED 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	49.0° / 77.0° 94 % 1.3 cd/lm 1 White Duris S8 50.0° / 77.0° 94 % 1.2 cd/lm 1	
opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:  Opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	49.0° / 77.0° 94 % 1.3 cd/lm 1 White Duris S8 50.0° / 77.0° 94 % 1.2 cd/lm 1	



OSRAM		50° 50°
Opto Semiconductors		
FWHM / FWTM	OSCONIQ P 3737 (2W version) 56.0° / 75.0°	75°
	94 %	
Efficiency Peak intensity	94 % 1.2 cd/lm	60°
LEDs/each optic	1	$\times$ / / $\times$
Light colour	u White	45*
Required components:	White	- 800
Required components.		
		1220
		30° 36° 36° 36°
OSRAM		90° 90°
Opto Semiconductors	OSCONIQ P 3737 (2W version)	
FWHM / FWTM	56.0° / 75.0°	75*
Efficiency	97 %	
Peak intensity	1.2 cd/lm	60* 60*
LEDs/each optic	1	$\times$ / / $\times$
Light colour	White	5°
Required components:		
		1200
		30
		15° 0° 15°
OSRAM Oto Semiconductors		90°
OSRAM Opto Semiconductors	OSCONIO P 7070	994 997 994
LED	OSCONIQ P 7070 55.0° / 79.0°	23- 29- 29- 29- 29- 29- 29- 29- 29- 29- 29
LED FWHM / FWTM	55.0° / 79.0°	
LED FWHM / FWTM Efficiency	55.0° / 79.0° 95 %	
LED FWHM / FWTM Efficiency Peak intensity	55.0° / 79.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	55.0° / 79.0° 95 % 1.1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity	55.0° / 79.0° 95 % 1.1 cd/lm 1	73°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	55.0° / 79.0° 95 % 1.1 cd/lm 1	73°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	55.0° / 79.0° 95 % 1.1 cd/lm 1	73°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	55.0° / 79.0° 95 % 1.1 cd/lm 1	73°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	55.0° / 79.0° 95 % 1.1 cd/lm 1	73°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	55.0° / 79.0° 95 % 1.1 cd/lm 1	73°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	55.0° / 79.0° 95 % 1.1 cd/lm 1 White	73°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: second semiconductor LED	55.0° / 79.0° 95 % 1.1 cd/lm 1 White Z8Y22	73°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SECOUL SEMICONDUCTOR LED FWHM / FWTM	55.0° / 79.0° 95 % 1.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: stolul SEMICONDUCTOR LED FWHM / FWTM Efficiency	55.0° / 79.0° 95 % 1.1 cd/lm 1 White Z8Y22 48.0° / 72.0°	73°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM	55.0° / 79.0° 95 % 1.1 cd/lm 1 White Z8Y22 48.0° / 72.0° 91 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: stoou semconouctor LED FWHM / FWTM Efficiency Peak intensity	55.0° / 79.0° 95 % 1.1 cd/lm 1 White Z8Y22 48.0° / 72.0° 91 % 1.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	55.0° / 79.0° 95 % 1.1 cd/lm 1 White Z8Y22 48.0° / 72.0° 91 % 1.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	55.0° / 79.0° 95 % 1.1 cd/lm 1 White Z8Y22 48.0° / 72.0° 91 % 1.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	55.0° / 79.0° 95 % 1.1 cd/lm 1 White Z8Y22 48.0° / 72.0° 91 % 1.4 cd/lm 1	
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SEOUL SEMICONDUCTOR		<u>91</u> * 91*
LED	CUN66B1G	25
FWHM / FWTM	41.0° / 65.0°	60 <sup>1</sup>
Efficiency	88 %	
LEDs/each optic	1	
Light colour	UV-A	5°
Required componen	ts:	200 200 200 200 200 200 200 200 200 200



#### **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.

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