

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

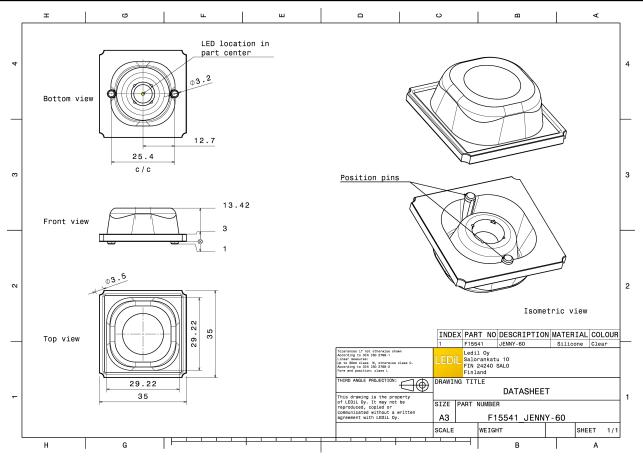
Qty in box	MOQ	MPQ	Box weight (kg)
1200	120	60	9.9

PRODUCT DATASHEET F15541_JENNY-60

Last update: 20/12/2023Subject to change without prior noticePublished: 21/01/2019LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.1/10



PRODUCT DATASHEET F15541_JENNY-60



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

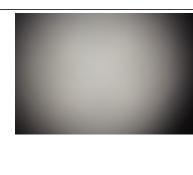


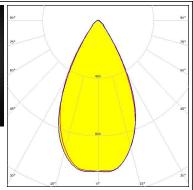
OPTICAL RESULTS (MEASURED):

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	75.
FWHM / FWTM	57.0° / 84.0°	
Efficiency	94 %	60 ⁴ 60 ⁴
Peak intensity	1 cd/lm	400
LEDs/each optic	1	
Light colour	White	6°
Required components:		
		36° 30°
		90° 90°
LED	MK-R	75'
FWHM / FWTM	57.0° / 82.0°	
Efficiency	95 %	60°
Peak intensity	1 cd/lm	400
LEDs/each optic	1	
Light colour	White	43°
Required components:		
		30° 36°
		90 ⁴ 90 ⁴
CREE ÷	XHP50.3 HD	50 ⁴
	XHP50.3 HD 62.0° / 86.0°	39 ⁴ 39 20
LED		79.
LED FWHM / FWTM	62.0° / 86.0°	79.
LED FWHM / FWTM Efficiency	62.0° / 86.0° 96 %	79.
LED FWHM / FWTM Efficiency Peak intensity	62.0° / 86.0° 96 % 0.9 cd/lm	79.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	62.0° / 86.0° 96 % 0.9 cd/lm 1	20 - 27 - 27 - 27 - 27 - 27 - 27 - 27 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	62.0° / 86.0° 96 % 0.9 cd/lm 1	20 - 27 - 27 - 27 - 27 - 27 - 27 - 27 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	62.0° / 86.0° 96 % 0.9 cd/lm 1	20 - 27 - 27 - 27 - 27 - 27 - 27 - 27 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	62.0° / 86.0° 96 % 0.9 cd/lm 1	20 - 27 - 27 - 27 - 27 - 27 - 27 - 27 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	62.0° / 86.0° 96 % 0.9 cd/lm 1	20 - 27 - 27 - 27 - 27 - 27 - 27 - 27 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	62.0° / 86.0° 96 % 0.9 cd/lm 1 White	20 - 27 - 27 - 27 - 27 - 27 - 27 - 27 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	62.0° / 86.0° 96 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	62.0° / 86.0° 96 % 0.9 cd/lm 1 White XHP50.3 HI 58.0° / 77.0°	20 - 27 - 27 - 27 - 27 - 27 - 27 - 27 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Required components: LED FWHM / FWTM Efficiency	62.0° / 86.0° 96 % 0.9 cd/lm 1 White XHP50.3 HI 58.0° / 77.0° 97 %	20 20 60 60 60 60 60 60 77 60 60 60 60 77 60 77 60 77 60 77 77 77 77 77 77 77
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Required components: LED FWHM / FWTM Efficiency Peak intensity	62.0° / 86.0° 96 % 0.9 cd/lm 1 White XHP50.3 HI 58.0° / 77.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Required components: LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	62.0° / 86.0° 96 % 0.9 cd/lm 1 White XHP50.3 HI 58.0° / 77.0° 97 %	20 20 60 60 60 60 60 60 77 60 60 60 60 77 60 77 60 77 60 77 77 77 77 77 77 77
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	62.0° / 86.0° 96 % 0.9 cd/lm 1 White XHP50.3 HI 58.0° / 77.0° 97 % 1.1 cd/lm	20 20 60 60 60 60 60 60 77 60 60 60 60 77 60 77 60 77 60 77 60 77 77 77 77 77 77
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Required components: LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	62.0° / 86.0° 96 % 0.9 cd/lm 1 White XHP50.3 HI 58.0° / 77.0° 97 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	62.0° / 86.0° 96 % 0.9 cd/lm 1 White XHP50.3 HI 58.0° / 77.0° 97 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	62.0° / 86.0° 96 % 0.9 cd/lm 1 White XHP50.3 HI 58.0° / 77.0° 97 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	62.0° / 86.0° 96 % 0.9 cd/lm 1 White XHP50.3 HI 58.0° / 77.0° 97 % 1.1 cd/lm 1	



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 ³
LED FWHM / FWTM	56.0° / 77.0 + 78.0°	20 ¹ 20 ¹
LED FWHM / FWTM Efficiency	56.0° / 77.0 + 78.0° 97 %	99 ¹ 79 10 ¹ 600
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 - 000 200 200 - 000 200 - 000 200 - 000 200 - 000 200 - 000 200 200 - 000 200 - 000 200 - 000 200 200 - 000 200 200 - 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 - 000 200 200 - 000 200 - 000 200 - 000 200 - 000 200 - 000 200 200 - 000 200 - 000 200 - 000 200 200 - 000 200 200 - 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 ⁴ 92 ⁵ 90 ⁴ 90 ⁴ 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 - 000 200 200 - 000 200 - 000 200 - 000 200 - 000 200 - 000 200 200 - 000 200 - 000 200 - 000 200 200 - 000 200 200 - 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 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 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 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 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°



<b>ΜΝΙCΗΙΛ</b>		90* 90*
LED	NV4WB35AM	
FWHM / FWTM	58.0° / 76.0°	73.
Efficiency	93 %	
Peak intensity	1.2 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	42. 42.
Required components:		
		300 300
		15* 12% 25*
<b>Μ</b> ΝΙCΗΙΛ		90° 90°
LED	NVSxE21A	73*
FWHM / FWTM	51.0° / 77.0°	
Efficiency	94 %	60° 60°
Peak intensity	1.3 cd/lm	
LEDs/each optic	4	
Light colour	White	95° (50
Required components:		
		1270
		304 179 00 179 304
OSRAM		
OSRAM Opto Semiconductors		90 ⁴
Opto Semiconductors	Duris S10	39°
Opto Semiconductors LED FWHM / FWTM	49.0° / 77.0°	30° 50°
opto Semiconductors LED FWHM / FWTM Efficiency	49.0° / 77.0° 94 %	60. 10. 10. 10. 10. 10.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	49.0° / 77.0° 94 % 1.3 cd/lm	60°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	49.0° / 77.0° 94 % 1.3 cd/lm 1	99 ⁴ 99 ⁴ 99 ⁴ 80 ⁶ 80 ⁶
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	49.0° / 77.0° 94 % 1.3 cd/lm	22. 23. 24. 25. 26. 26. 26. 26. 26. 26. 26. 26
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	49.0° / 77.0° 94 % 1.3 cd/lm 1	6. 6. 9. 3. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	49.0° / 77.0° 94 % 1.3 cd/lm 1	5°. 10° 10° 10° 10° 10° 10° 10° 10°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	49.0° / 77.0° 94 % 1.3 cd/lm 1	90 ⁴ 90 ⁴ 9
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	22° 6° 72° 3° 30° 6° 6° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5
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	Dot         Dot         Dot         Dot           20,         0,         20,         9,           20,         0,         20,         9,           20,         0,         20,         9,           20,         0,         20,         9,           20,         0,         20,         9,           20,         0,         20,         9,           20,         0,         20,         9,
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	Bit         Bit           Bit
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	32.         30.         30.           30.         52.0.         60.         60.           30.         50.         60.         60.           30.         50.         60.         60.           30.         50.         60.         60.
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°	99 ⁵ 99 ⁵ 9
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 %	80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         80           80         <
opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Posseas Coppo 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	00 00 00 00 00 00 00 00 00 00
opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:  COSRAM 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	00 00 00 00 00 00 00 00 00 00
opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:  COSRAM 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	60° 60° 90° 90° 90° 90° 90° 90° 90° 9
opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:  COSRAM 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	50° 50° 50° 50° 50° 50° 50° 50°



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. 66. 400
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	55.0° / 79.0° 95 % 1.1 cd/lm 1	73. 66. 400
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	55.0° / 79.0° 95 % 1.1 cd/lm 1	73. 66. 400
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. 66. 400
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. 66. 400
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. 66. 400
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. 66. 400
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 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	
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	



SEOUL SEMICONDUCTOR		<u>91</u> * 91*
LED	CUN66B1G	25
FWHM / FWTM	41.0° / 65.0°	60 ¹
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.

### 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

#### LEDiL Inc. 228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

### Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations Salo, Finland Hong Kong, China

#### Distribution Partners www.ledil.com/ where_to_buy