

## JENNY-8X1-20

~20° beam. 8X1 variant.

### SPECIFICATION:

Dimensions	280.0 x 35.0 mm
Height	14.5 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

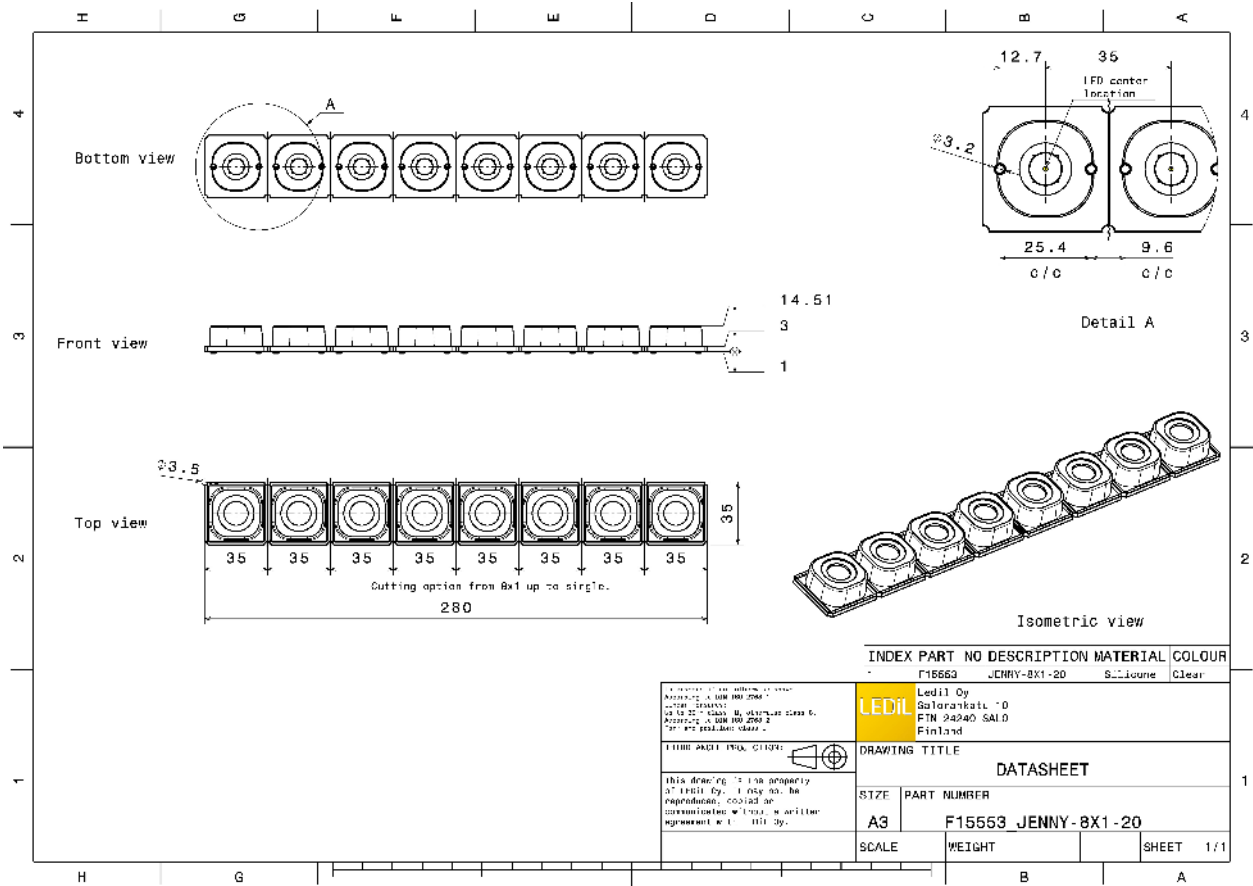
### MATERIALS:

Component	Type	Material	Colour	Finish
JENNY-8X1-20	Multi-lens	Silicone	clear	



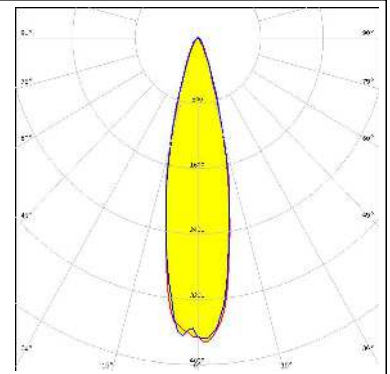
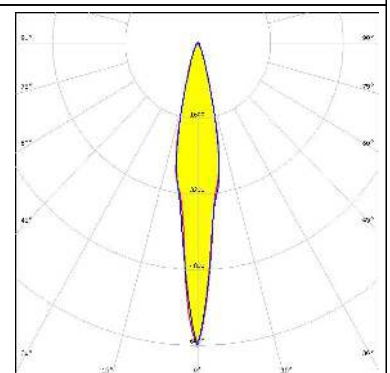
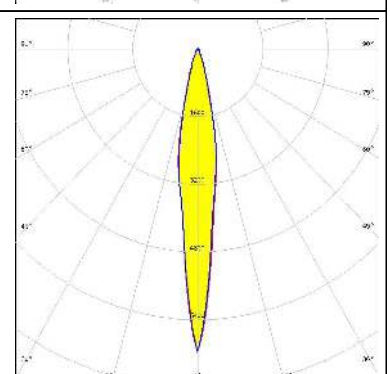
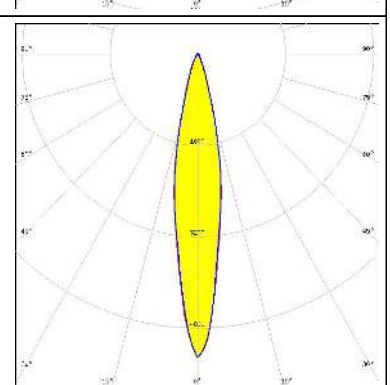
### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F15553_JENNY-8X1-20 » Box size: 398 x 298 x 265 mm	150	20	10	10.9


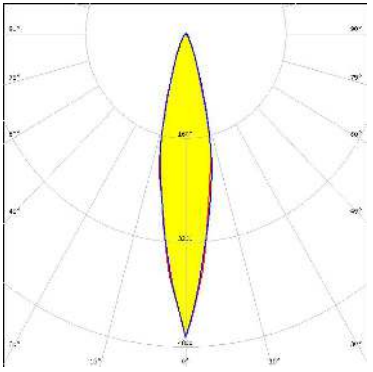

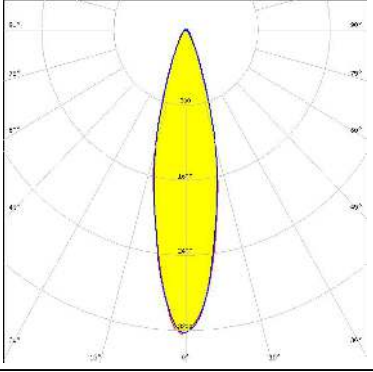

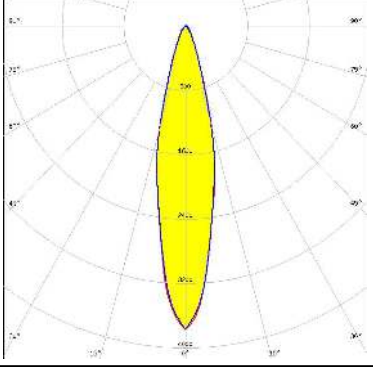

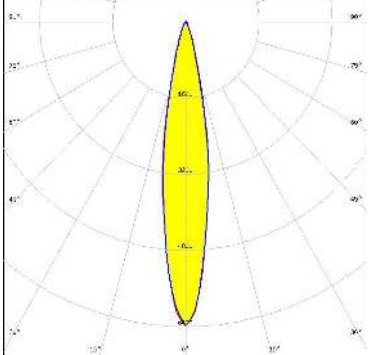


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

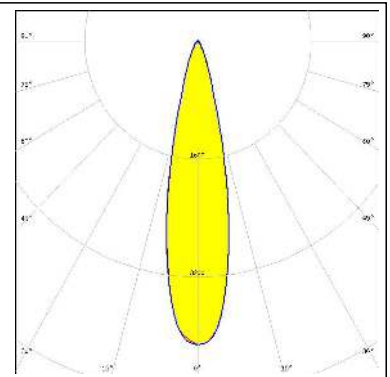
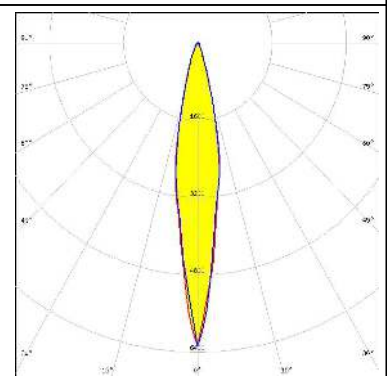
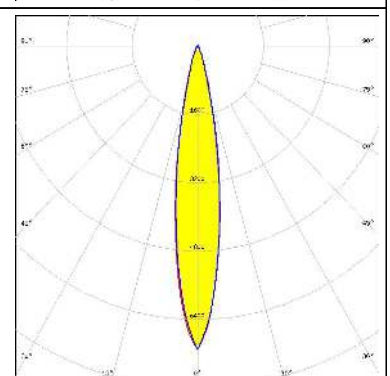
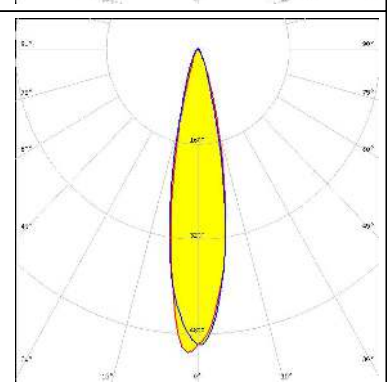
#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED: MHD-E/G            FWHM / FWTM: 24.0° / 47.0°            Efficiency: 95 %            Peak intensity: 3.7 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED: MK-R            FWHM / FWTM: 14.0° / 36.0°            Efficiency: 96 %            Peak intensity: 6.4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED: XHP50            FWHM / FWTM: 14.0° / 34.0°            Efficiency: 91 %            Peak intensity: 7.2 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED: XHP50.2            FWHM / FWTM: 18.0° / 38.0°            Efficiency: 91 %            Peak intensity: 5.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

	<p>LED XHP70            FWHM / FWTM 20.0° / 43.0°            Efficiency 96 %            Peak intensity 4.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
	<p>LED XHP70.2            FWHM / FWTM 26.0° / 50.0°            Efficiency 95 %            Peak intensity 3.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
	<p>LED XHP70.3 HD            FWHM / FWTM 23.0° / 46.0°            Efficiency 94 %            Peak intensity 3.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
	<p>LED XHP70.3 HI            FWHM / FWTM 18.0° / 36.0°            Efficiency 95 %            Peak intensity 6.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

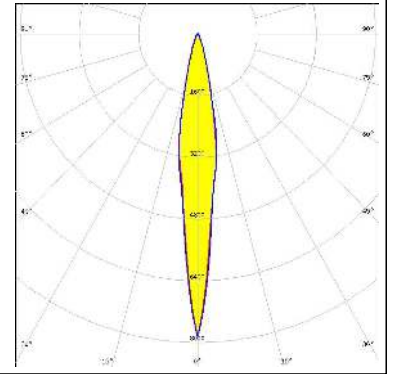
#### OPTICAL RESULTS (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED: LUXEON 7070            FWHM / FWTM: 24.0° / 44.0°            Efficiency: 91 %            Peak intensity: 4.1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON M/MX            FWHM / FWTM: 16.0° / 37.0°            Efficiency: 96 %            Peak intensity: 6.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NFMW48xA            FWHM / FWTM: 18.0° / 34.0°            Efficiency: 94 %            Peak intensity: 7.1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            C14436_JENNY-HLD-A-BLK</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED: Duris S10            FWHM / FWTM: 21.0° / 41.0°            Efficiency: 96 %            Peak intensity: 5.1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM / FWTM	13.0° / 34.0°
Efficiency	96 %
Peak intensity	7.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



### 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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#### 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

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