

# PRODUCT DATASHEET FCA13329\_BILLIE-A

# **BILLIE-A**

Asymmetric beam for billboards. Assembly with holder and installation tape.

# **SPECIFICATION:**

Dimensions	Ø 21.5
Height	16.1 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



# **MATERIALS:**

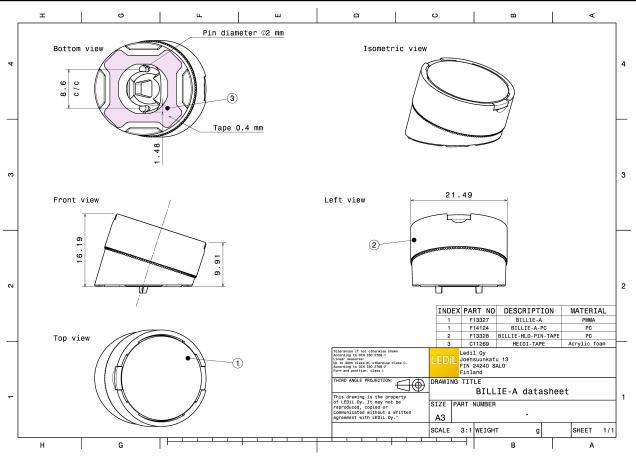
Component	Туре	Material	Colour	Finish	Length (mm)
BILLIE-A	Single lens	PMMA	clear		
BILLIE-HLD-PIN-TAPE	Holder	PC	white		
HEIDI-TAPE	Таре	Acryl tape	black		

# **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
FCA13329_BILLIE-A	1792	336	112	7.7
» Box size: 480 x 280 x 300 mm				

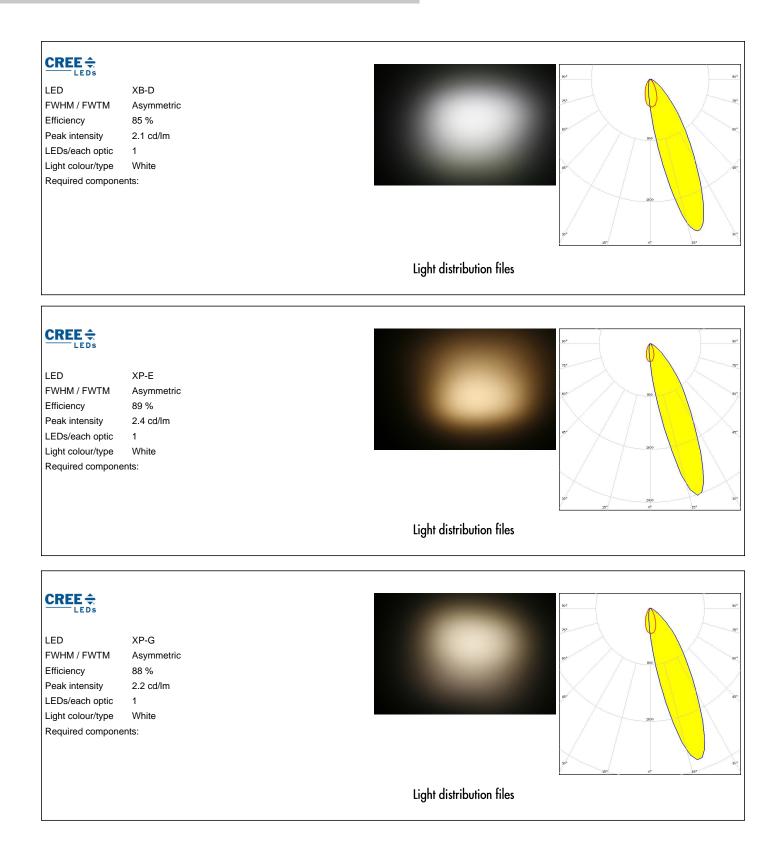


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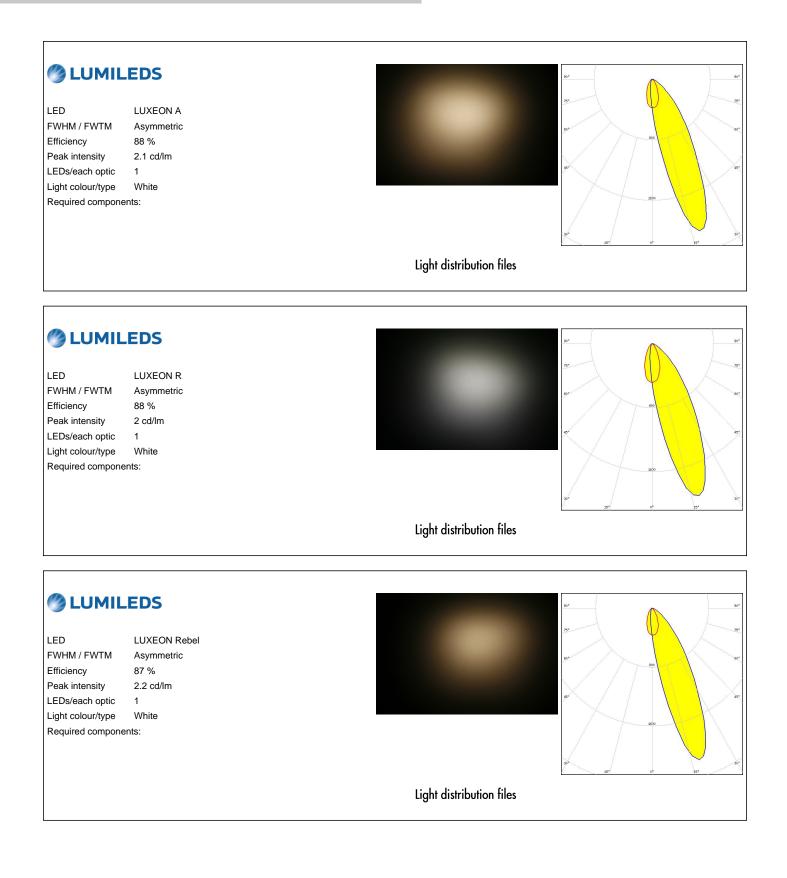


See also our general installation guide: www.ledil.com/installation\_guide

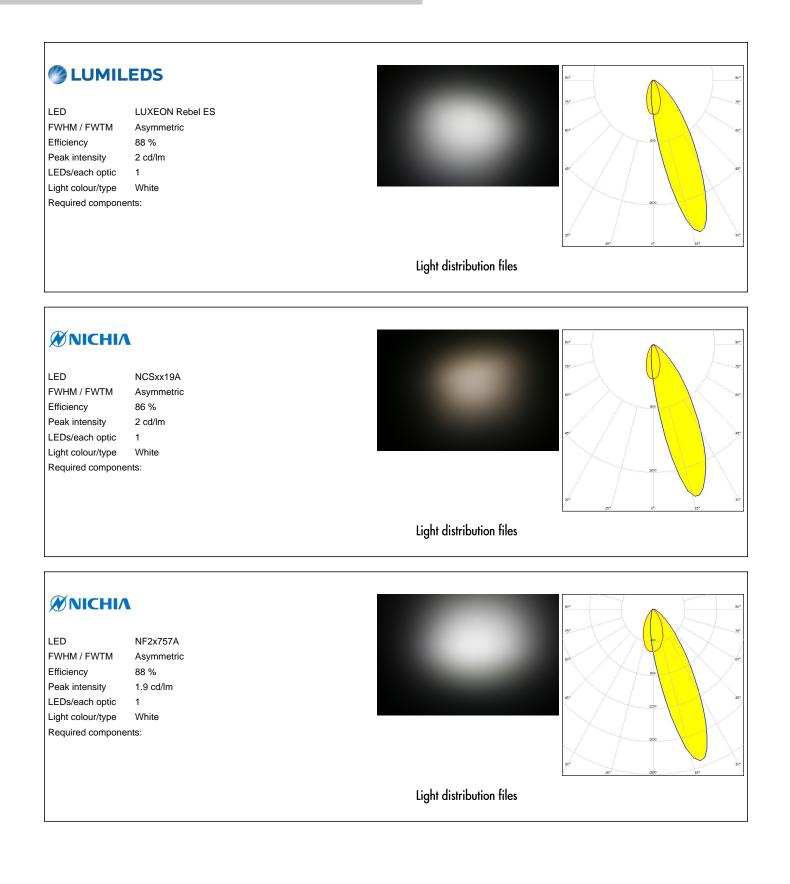




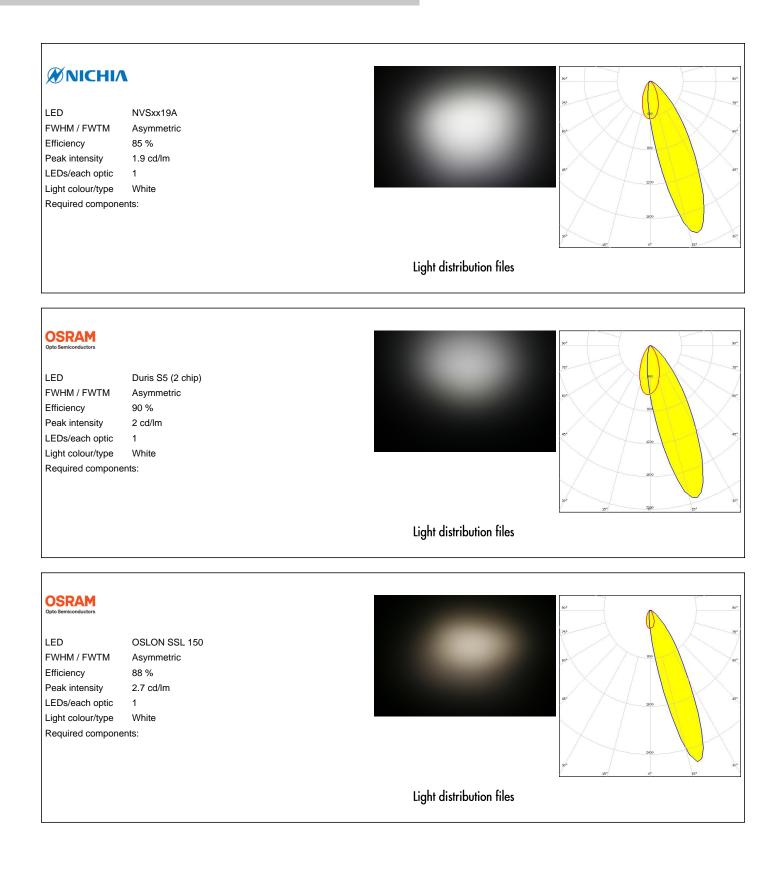














OSRAM Opto Semiconductors		20°
LED FWHM / FWTM	OSLON SSL 80 Asymmetric	
Efficiency	88 %	
Peak intensity	2.1 cd/lm	
LEDs/each optic	1	¢*
Light colour/type	White	
Required compone	ents:	30 20 20 20 20 20 20 20 20 20 20 20 20 20
		Light distribution files



# **OPTICAL RESULTS (SIMULATED):**

EUMILED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	S LUXEON C Asymmetric 90 % 2.6 cd/lm 1 White	Light distribution files	94 97 97 97 97 97 97 99 90 90 90 90 90 90 90 90 90 90 90 90
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	NF2x757G Asymmetric 93 % 2 cd/lm 1 White	Light distribution files	30 <sup>4</sup> 30 <sup>4</sup> 60 <sup>4</sup> 30
OSRAM Opto Semiconductors	OSLON Square EC Asymmetric 86 % 2.3 cd/lm 1 White	Light distribution files	30 <sup>+</sup>



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### **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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### Distribution Partners www.ledil.com/ where\_to\_buy

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