

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:

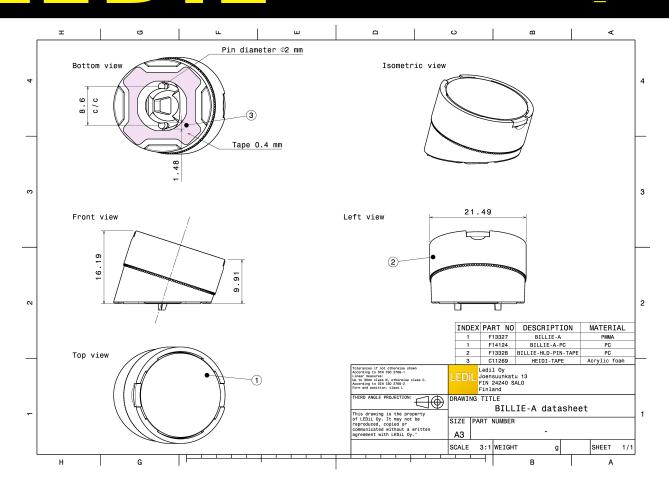
Component	Type	Material	Colour	Finish	Length (mm)
BILLIE-A	Single lens	PMMA	clear		
BILLIE-HLD-PIN-TAPE	Holder	PC	white		
HEIDI-TAPE	Tape	Acryl tape	black		

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

PRODUCT DATASHEET FCA13329_BILLIE-A

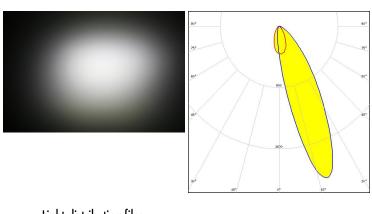


See also our general installation guide: www.ledil.com/installation_guide



CREE \$

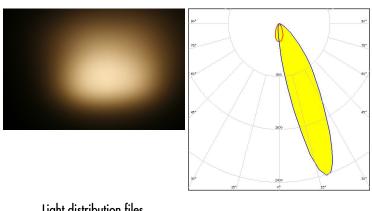
LED XB-D FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 2.1 cd/lm LEDs/each optic Light colour/type White Required components:



Light distribution files

CREE \$

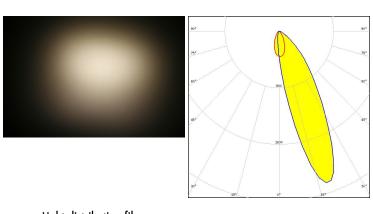
FWHM / FWTM Asymmetric Efficiency 89 % Peak intensity 2.4 cd/lm LEDs/each optic Light colour/type White Required components:



Light distribution files

CREE \$

XP-G LED FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 2.2 cd/lm LEDs/each optic Light colour/type White Required components:

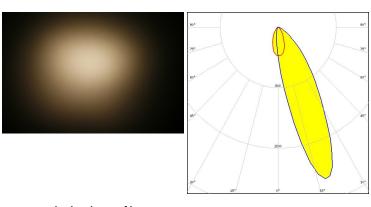


Light distribution files





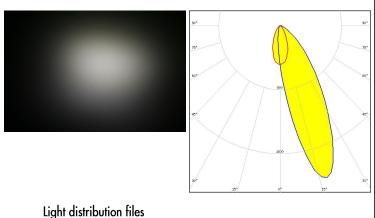
LUXEON A FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 2.1 cd/lm LEDs/each optic Light colour/type White Required components:



Light distribution files

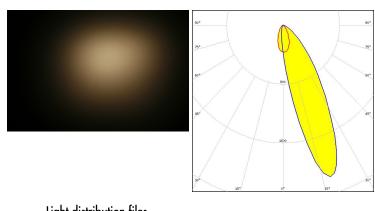
LUMILEDS

LUXEON R FWHM / FWTM Asymmetric Efficiency Peak intensity 2 cd/lm LEDs/each optic Light colour/type White Required components:



MUMILEDS

LED LUXEON Rebel FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 2.2 cd/lm LEDs/each optic Light colour/type White Required components:



Light distribution files



MILEDS

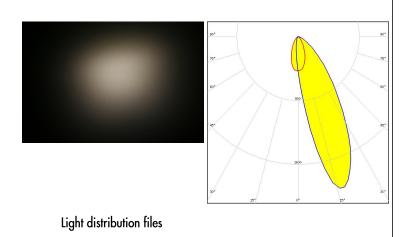
LED LUXEON Rebel ES
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White

Light distribution files

WNICHIA

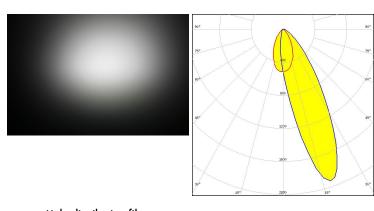
Required components:

LED NCSxx19A
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:





LED NF2x757A
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

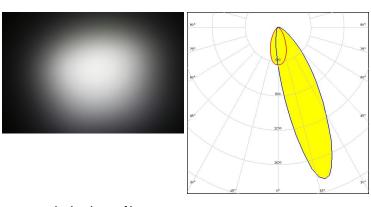


Light distribution files



WNICHIA

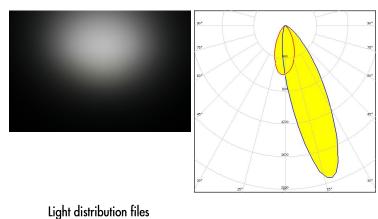
NVSxx19A FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 1.9 cd/lm LEDs/each optic White Light colour/type Required components:



Light distribution files

OSRAM Opto Semiconductors

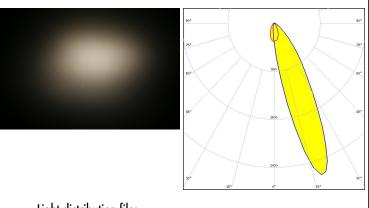
Duris S5 (2 chip) FWHM / FWTM Asymmetric Efficiency Peak intensity 2 cd/lm LEDs/each optic Light colour/type White Required components:



OSRAM Opto Semiconductors

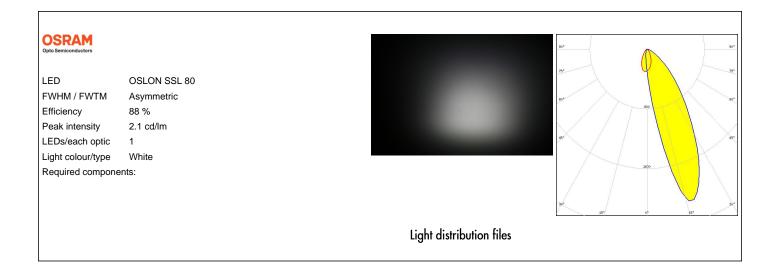
LED OSLON SSL 150 FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 2.7 cd/lm

LEDs/each optic Light colour/type White Required components:



Light distribution files





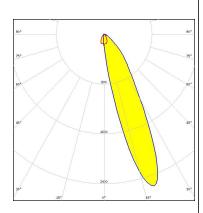


OPTICAL RESULTS (SIMULATED):



LED LUXEON C
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

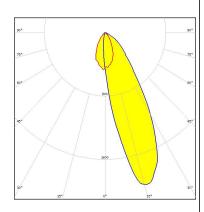


Light distribution files



LED NF2x757G
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

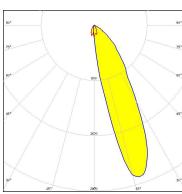


Light distribution files

OSRAM Opto Semiconductors

LED OSLON Square EC FWHM / FWTM Asymmetric Efficiency 86 %
Peak intensity 2.3 cd/lm

LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



PRODUCT DATASHEET FCA13329_BILLIE-A

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:

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LEDIL Oy

Joensuunkatu 7 FI-24100 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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