

BILLIE-A

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

TECHNICAL SPECIFICATIONS:

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

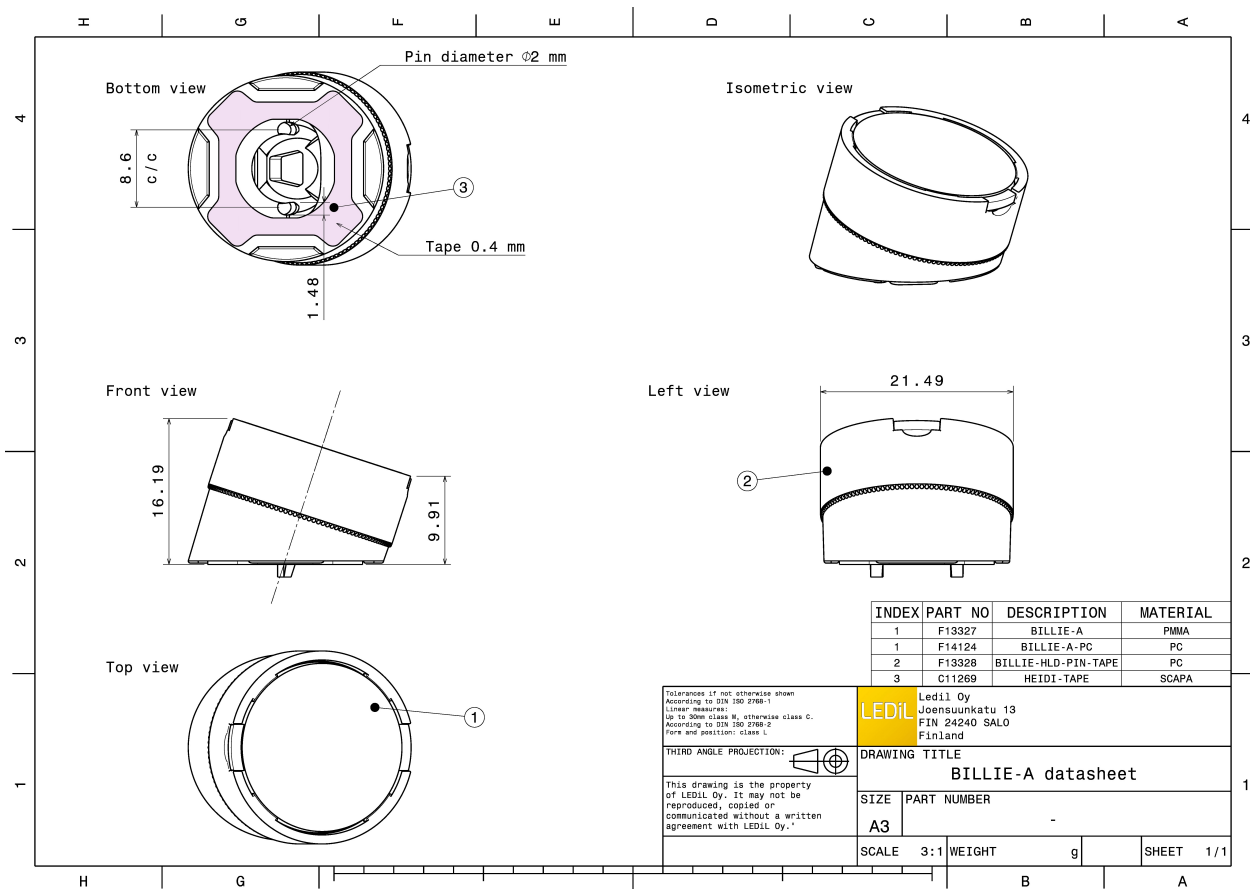
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
BILLIE-A	Single lens	PMMA	clear	
BILLIE-HLD-PIN-TAPE	Holder	PC	white	
HEIDI-TAPE	Tape	PU tape	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCA13329_BILLIE-A	Single lens	1792	336	112	7.9
» Box size: 480 x 280 x 300 mm					



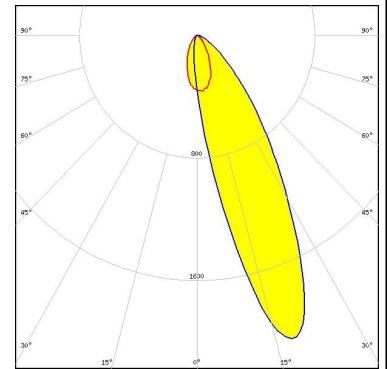
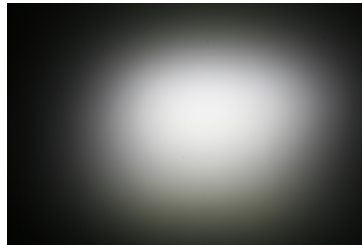


See also our general installation guide: www.ledil.com/installation_guide

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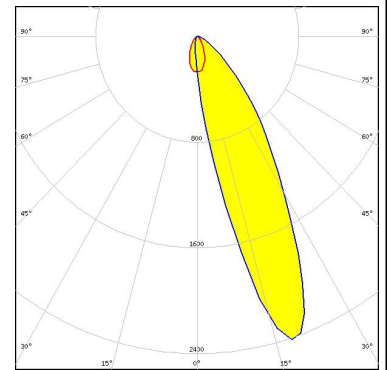
CREE

LED XB-D
FWHM Asymmetric
Efficiency 85 %
Peak intensity 2.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



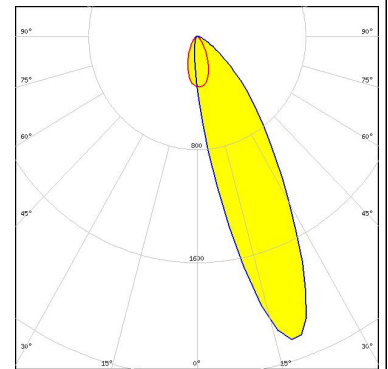
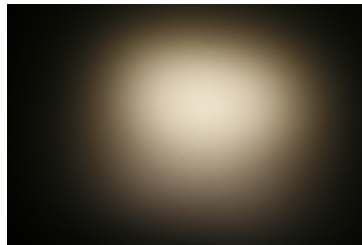
CREE

LED XP-E
FWHM Asymmetric
Efficiency 89 %
Peak intensity 2.4 cd/Im
LEDs/each optic 1
Light colour White
Required components:



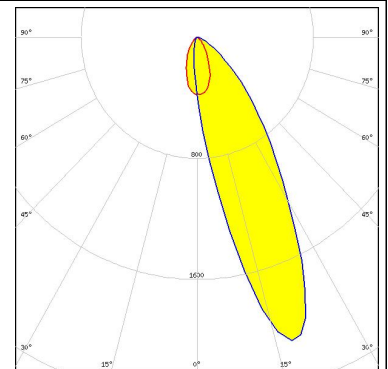
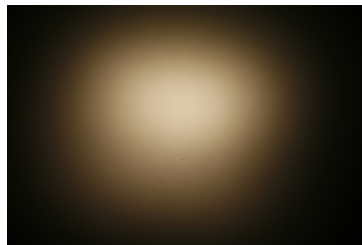
CREE

LED XP-G
FWHM Asymmetric
Efficiency 88 %
Peak intensity 2.2 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

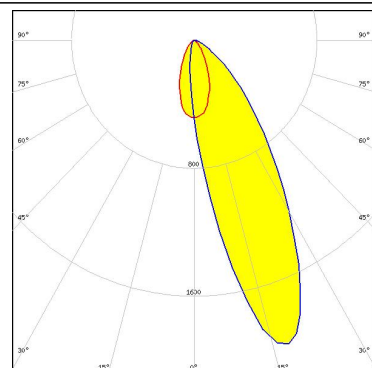
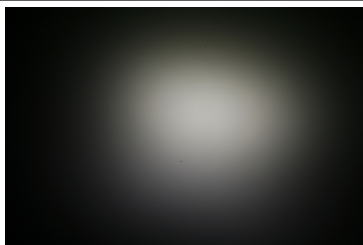
LED LUXEON A
FWHM Asymmetric
Efficiency 88 %
Peak intensity 2.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

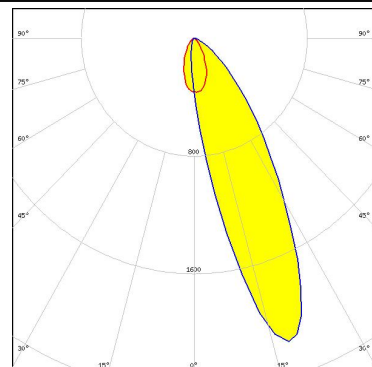
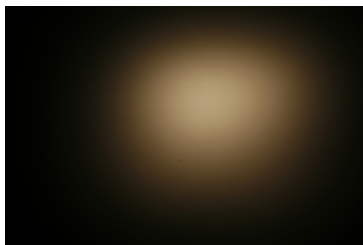
LUMILEDS

LED LUXEON R
FWHM Asymmetric
Efficiency 88 %
Peak intensity 2 cd/Im
LEDs/each optic 1
Light colour White
Required components:



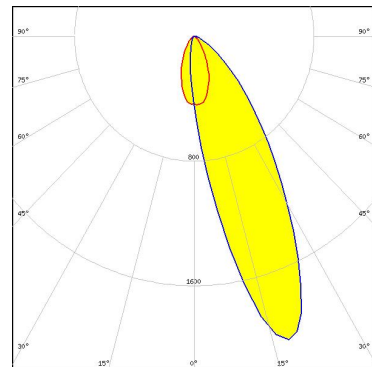
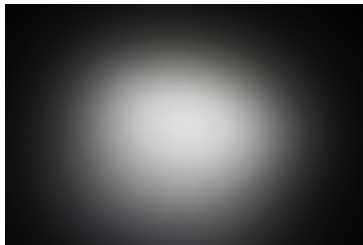
LUMILEDS

LED LUXEON Rebel
FWHM Asymmetric
Efficiency 87 %
Peak intensity 2.2 cd/Im
LEDs/each optic 1
Light colour White
Required components:



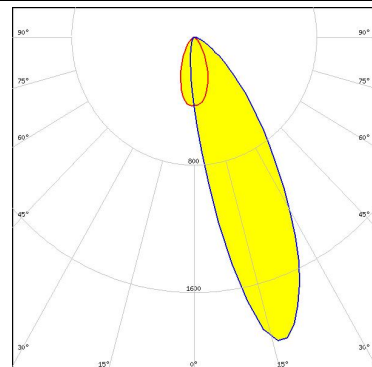
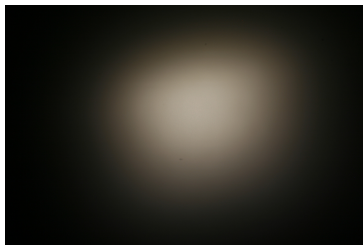
LUMILEDS

LED LUXEON Rebel ES
FWHM Asymmetric
Efficiency 88 %
Peak intensity 2 cd/Im
LEDs/each optic 1
Light colour White
Required components:



NICHIA

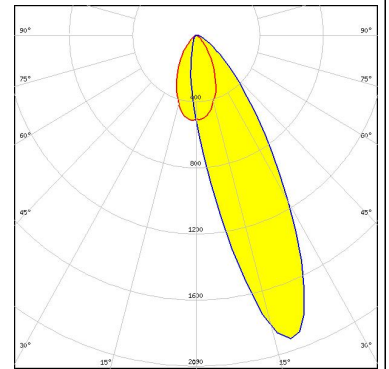
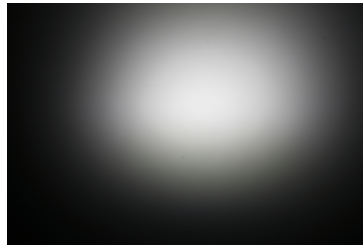
LED NCSxx19A
FWHM Asymmetric
Efficiency 86 %
Peak intensity 2 cd/Im
LEDs/each optic 1
Light colour White
Required components:



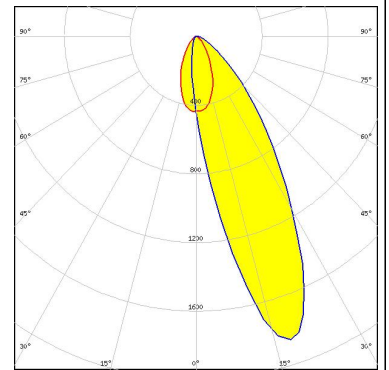
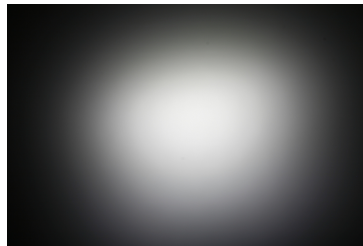
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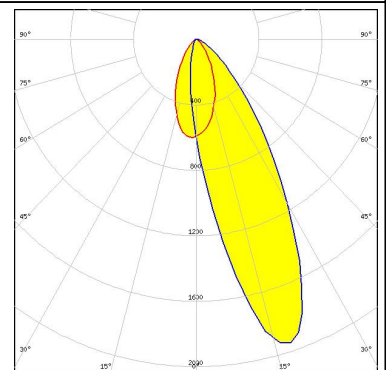
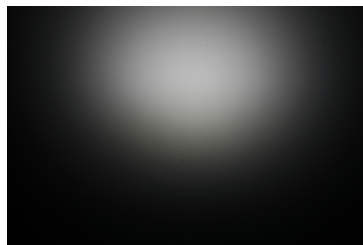
LED NF2x757A
FWHM Asymmetric
Efficiency 88 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



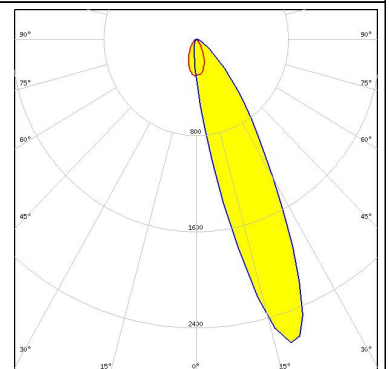
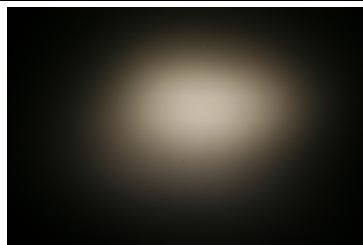
LED NVSxx19A
FWHM Asymmetric
Efficiency 85 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Duris S5 (2 chip)
FWHM Asymmetric
Efficiency 90 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



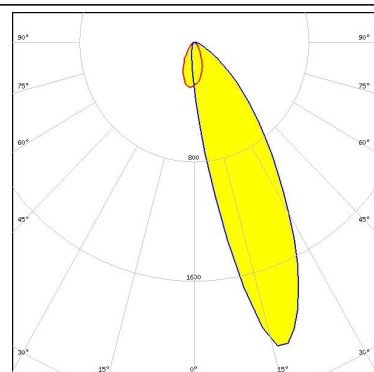
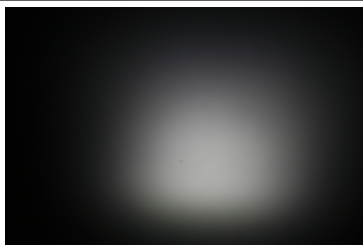
LED OSLOM SSL 150
FWHM Asymmetric
Efficiency 88 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

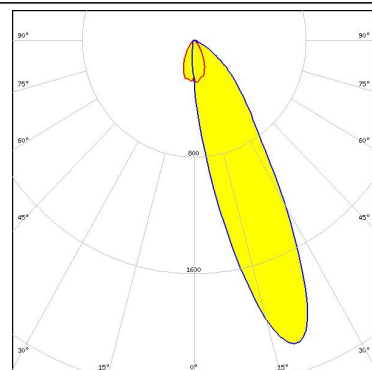
LED OSLOM SSL 80
FWHM Asymmetric
Efficiency 88 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



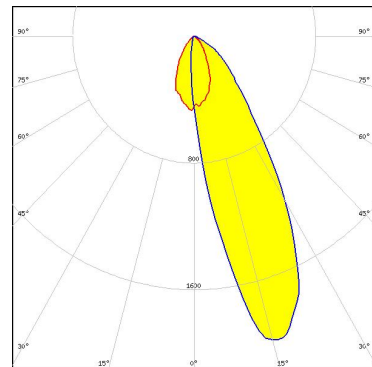
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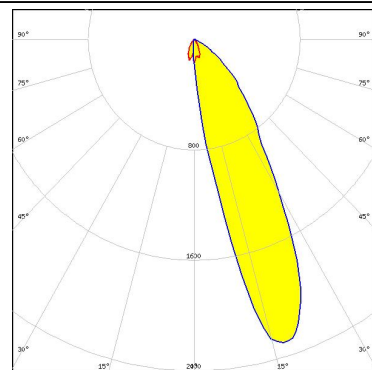
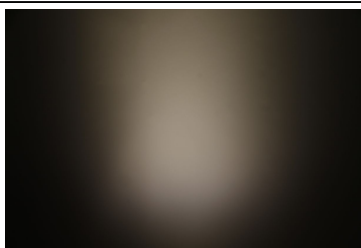
LED LUXEON TX
FWHM Asymmetric
Efficiency 91 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



LED OSLOM Square EC
FWHM Asymmetric
Efficiency 86 %
Peak intensity 2.3 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:

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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