

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 ⓘ

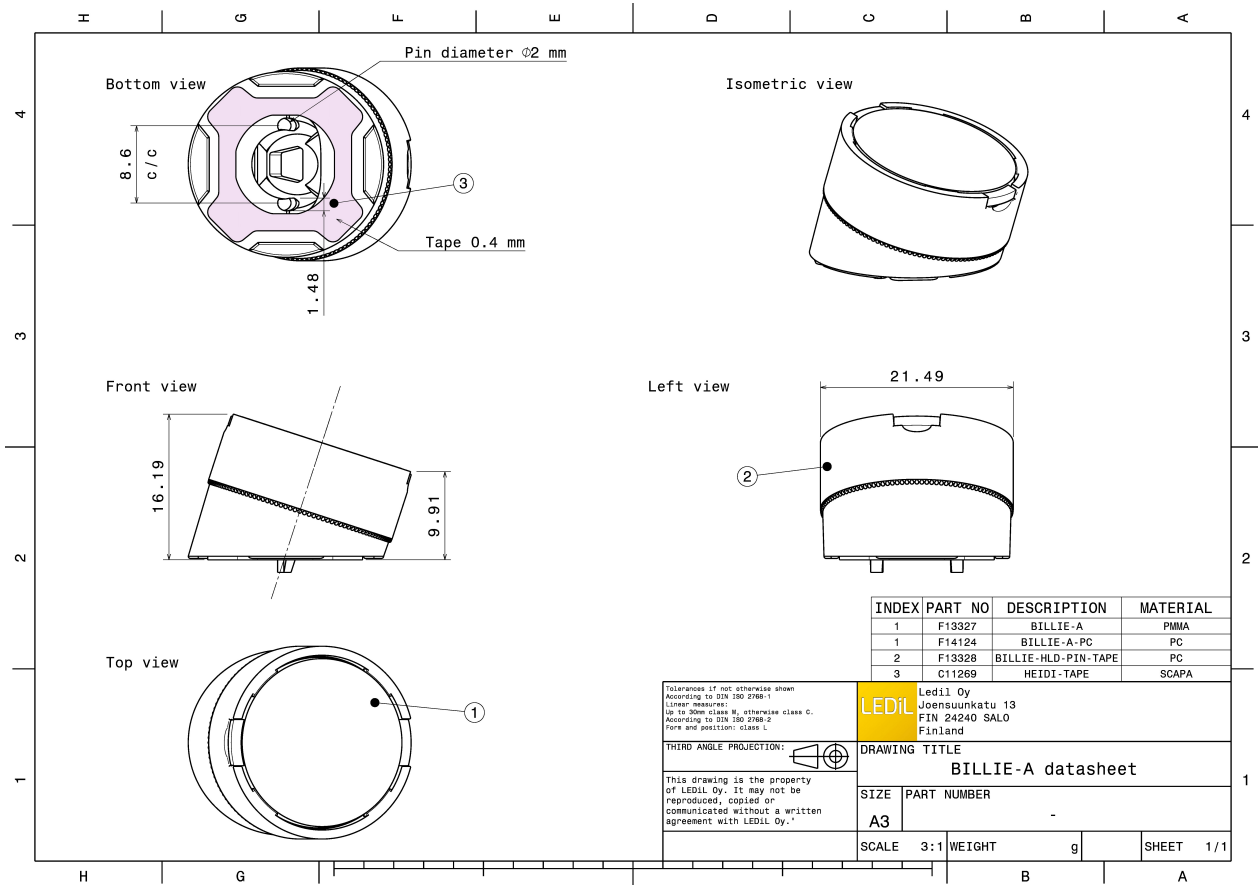
MATERIAL SPECIFICATIONS:

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

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					

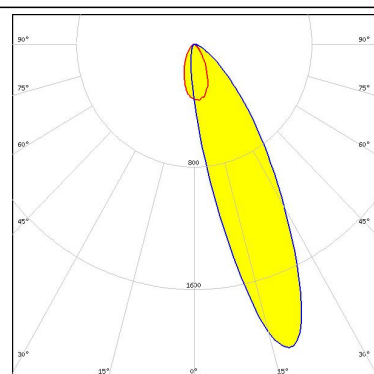
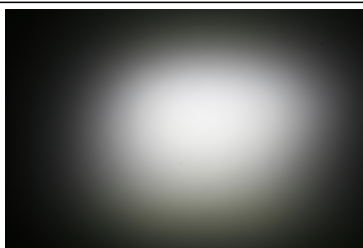




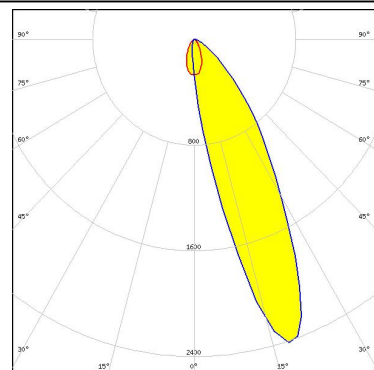
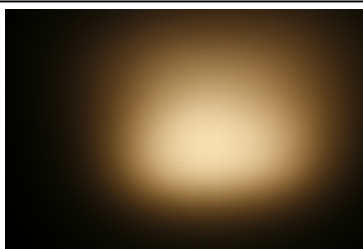
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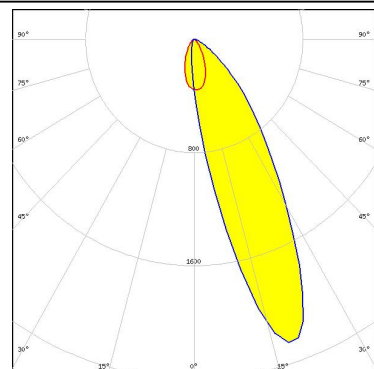
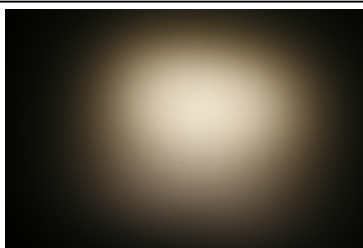
LED XB-D
FWHM Asymmetric
Efficiency 85 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



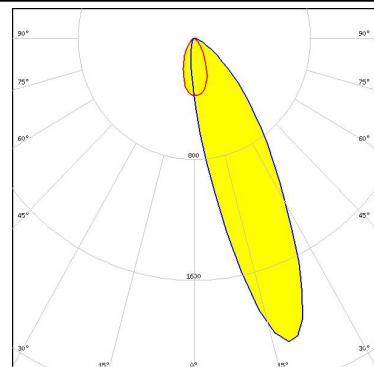
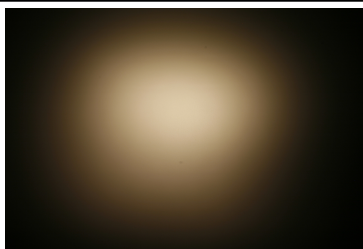
LED XP-E
FWHM Asymmetric
Efficiency 89 %
Peak intensity 2.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G
FWHM Asymmetric
Efficiency 88 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



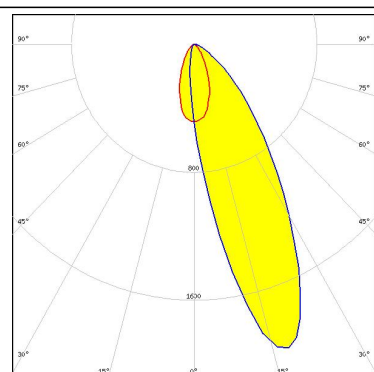
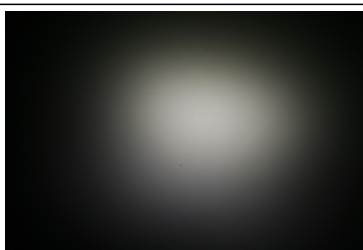
LED LUXEON A
FWHM Asymmetric
Efficiency 88 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



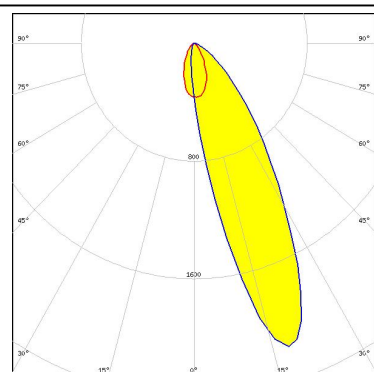
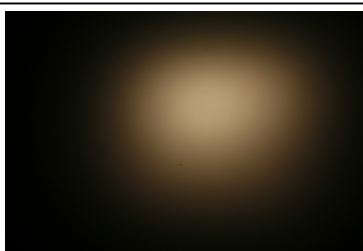
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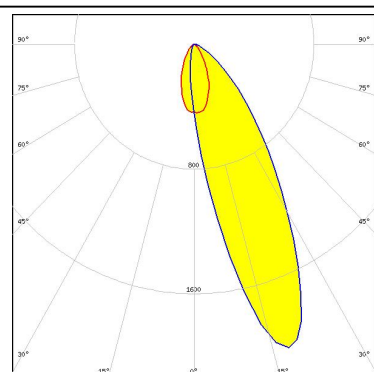
LED LUXEON R
FWHM Asymmetric
Efficiency 88 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



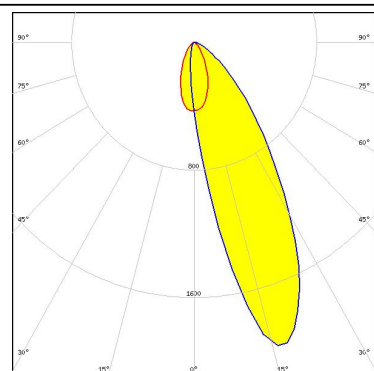
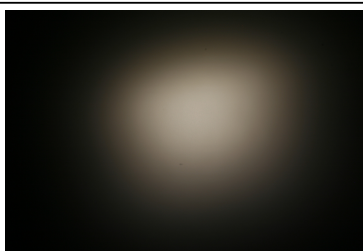
LED LUXEON Rebel
FWHM Asymmetric
Efficiency 87 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON Rebel ES
FWHM Asymmetric
Efficiency 88 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



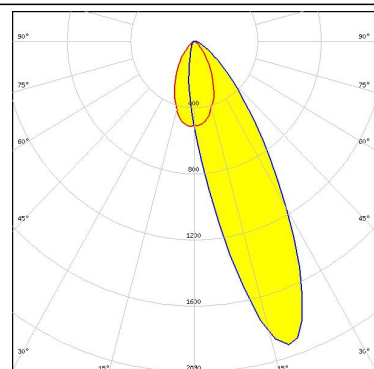
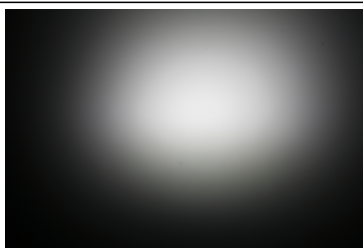
LED NCSxx19A
FWHM Asymmetric
Efficiency 86 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



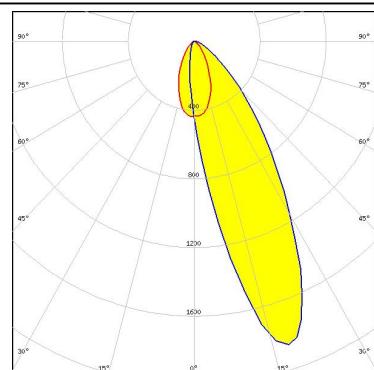
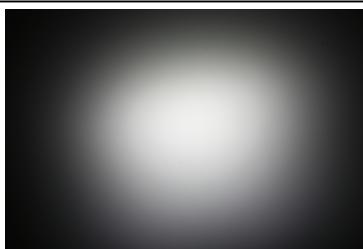
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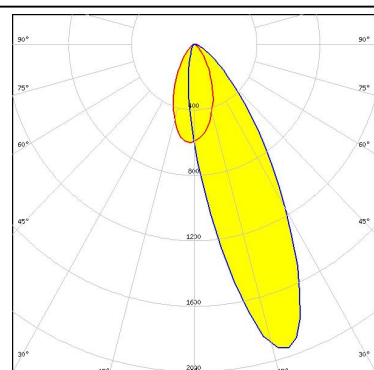
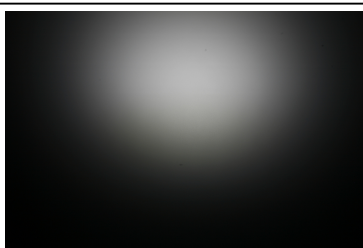
LED NF2x757A
FWHM Asymmetric
Efficiency 88 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



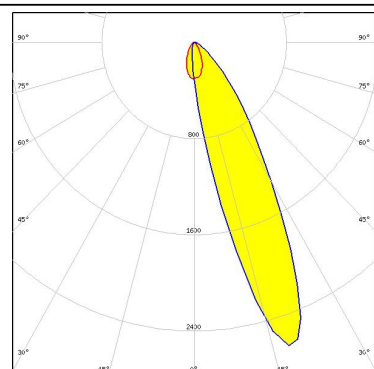
LED NVSxx19A
FWHM Asymmetric
Efficiency 85 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Duris S5 (2 chip)
FWHM Asymmetric
Efficiency 90 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



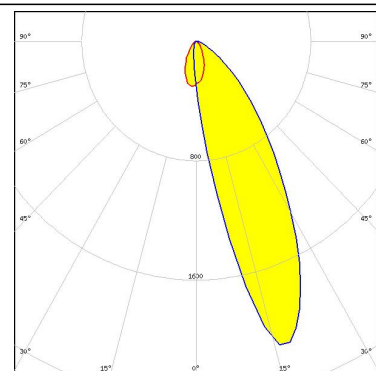
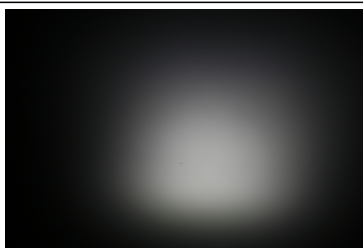
LED OSLOM SSL 150
FWHM Asymmetric
Efficiency 88 %
Peak intensity 2.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

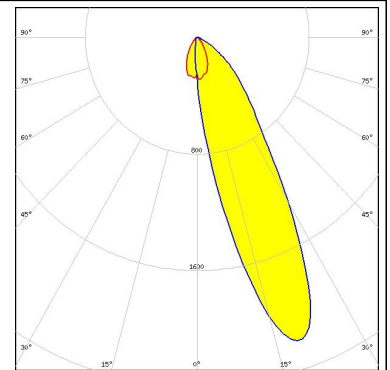
LED	OSLON SSL 80
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	2.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



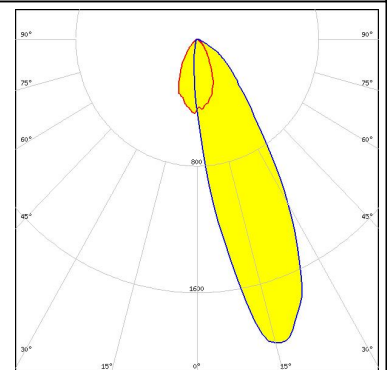
PHOTOMETRIC DATA (SIMULATED):



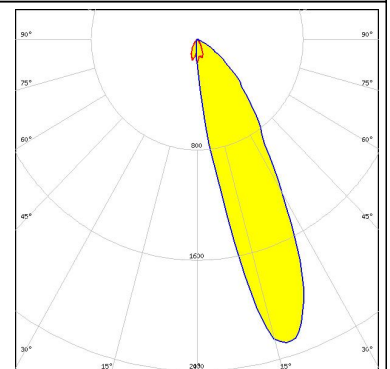
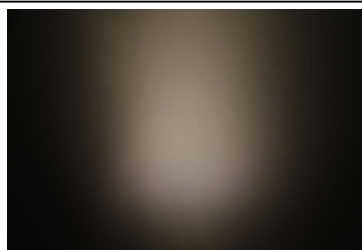
LED LUXEON TX
FWHM Asymmetric
Efficiency 91 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NF2x757G
FWHM Asymmetric
Efficiency 93 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSOLON Square EC
FWHM Asymmetric
Efficiency 86 %
Peak intensity 2.290 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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