

HEIDI-SS

~15° smooth spot beam optimized for LUXEON
Rebel ES

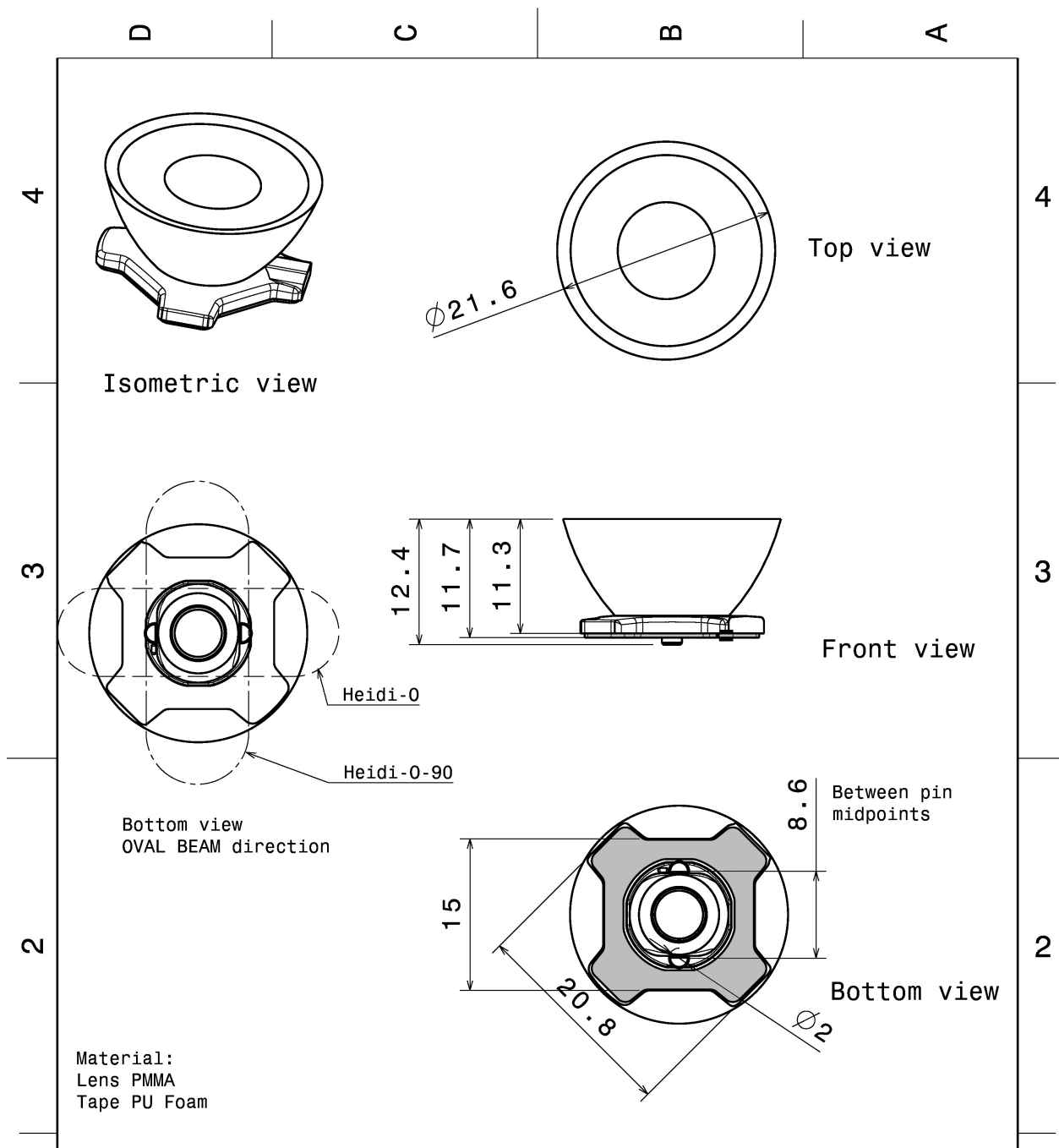
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	11.7 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	11.1 kg
Quantity in Box	3264 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
HEIDI-SS	Lens	PMMA	clear
HEIDI-TAPE	Tape	PU tape	black



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Ledil Oy
 Salorankatu 10
 FIN-24100 SALO
 Finland

DRAWING TITLE

Datasheet Heidi-Series Assy

DRAWN BY
ah
DATE
1.2.2012

CHECKED BY
DATE

DESIGNED BY
DATE

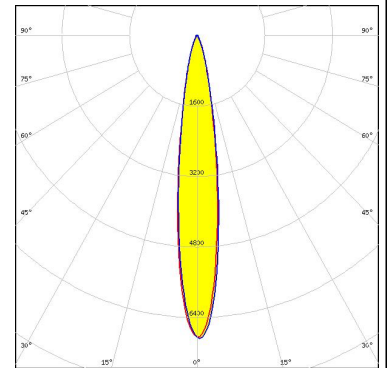
SIZE
A4
DRAWING NUMBER
REV
2

SCALE 2:1 WEIGHT (g)
SHEET 1/1

PHOTOMETRIC DATA (MEASURED):



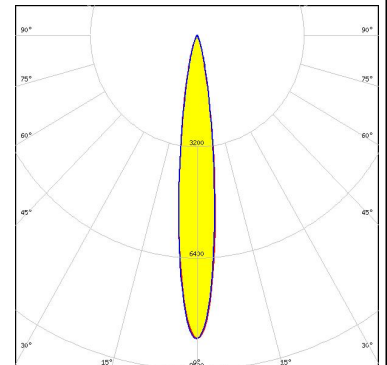
LED XP-G3
FWHM 16.0°
Efficiency 94 %
Peak intensity 6.900 cd/lm
Required components:



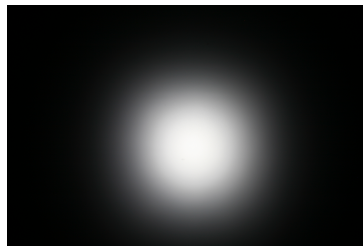
LED LUXEON R
FWHM 16.0°
Efficiency 91 %
Peak intensity 6.260 cd/lm
Required components:



LED LUXEON Rebel
FWHM 14.0°
Efficiency 89 %
Peak intensity 8.700 cd/lm
Required components:



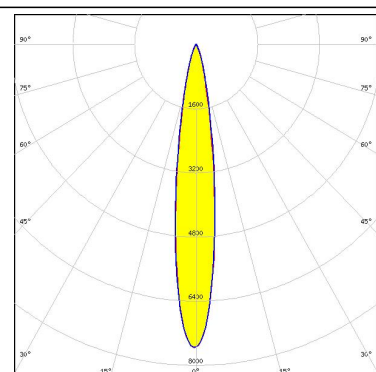
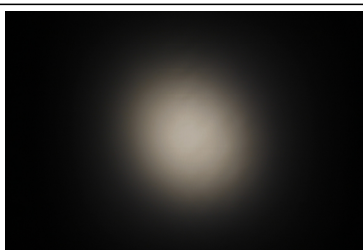
LED LUXEON Rebel ES
FWHM 14.0°
Efficiency 91 %
Peak intensity 6.300 cd/lm
Required components:



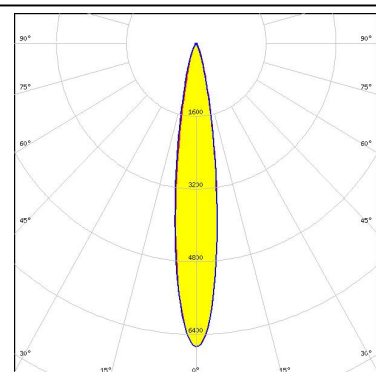
PHOTOMETRIC DATA (MEASURED):



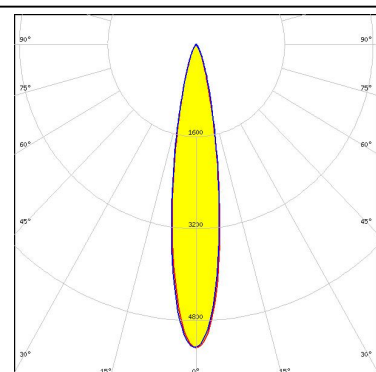
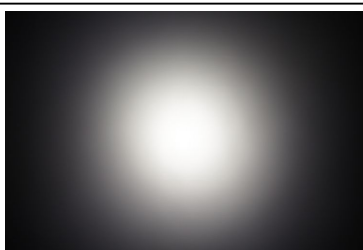
LED NVSW219D
FWHM 15.0°
Efficiency 94 %
Peak intensity 7.600 cd/lm
Required components:



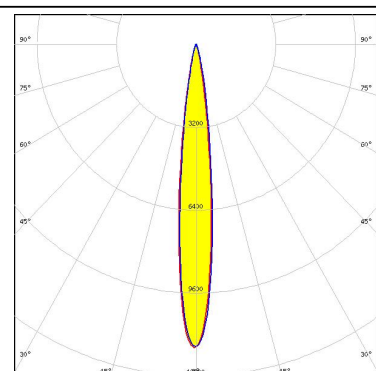
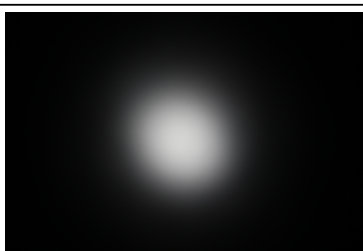
LED NVSW3x9A
FWHM 16.0°
Efficiency 92 %
Peak intensity 6.700 cd/lm
Required components:



LED NWSx229A
FWHM 18.0°
Efficiency 86 %
Peak intensity 5.300 cd/lm
Required components:



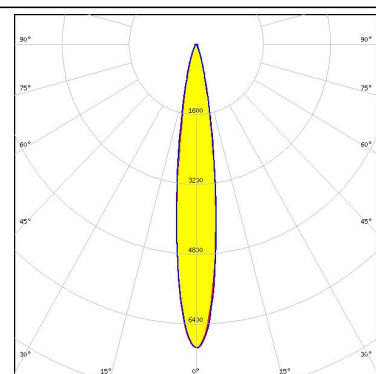
LED Oslon SSL 150
FWHM 12.0°
Efficiency 91 %
Peak intensity 11.700 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):



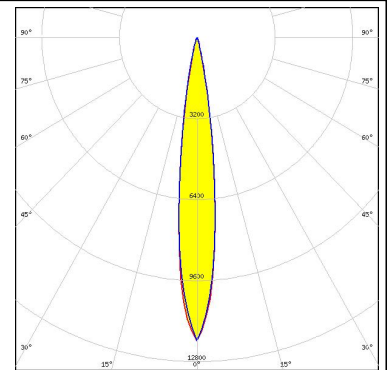
LED Z8Y22P
FWHM 15.0°
Efficiency 94 %
Peak intensity 6.900 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

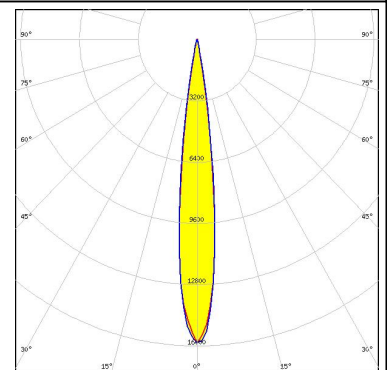
OSRAM
Opto Semiconductors

LED Oslon Black
FWHM 14.0°
Efficiency 94 %
Peak intensity 12.000 cd/lm
Required components:



OSRAM
Opto Semiconductors

LED Oslon Black Flat
FWHM 13.0°
Efficiency 94 %
Peak intensity 15.800 cd/lm
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

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salu, Finland
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