

HEIDI-O

~50° x 11° oval beam

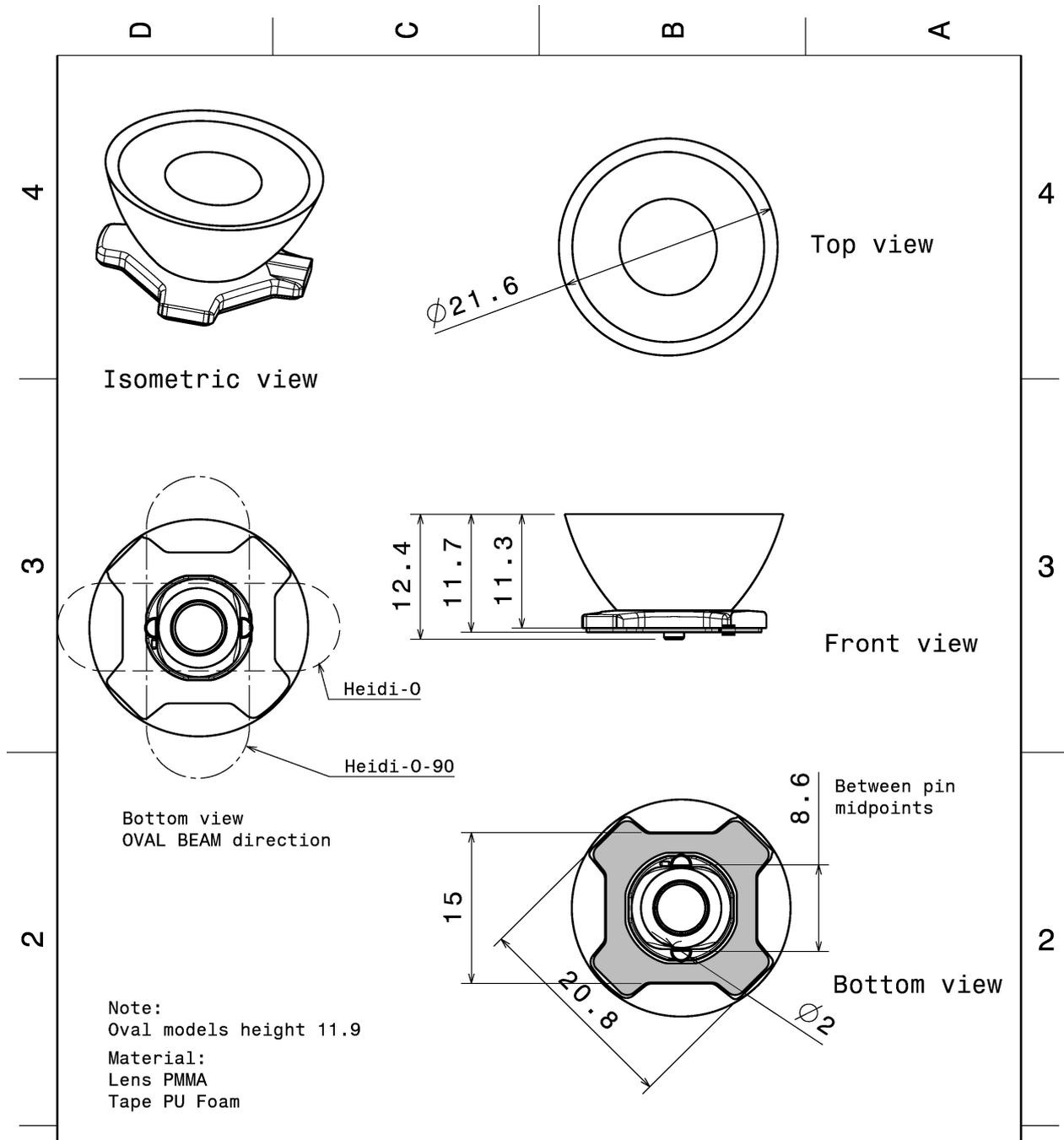
TECHNICAL SPECIFICATIONS:

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-O	Lens	PMMA	clear
HEIDI-TAPE	Tape	PU tape	black



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DRAWN BY ah		DATE 1.2.2012		DRAWING TITLE Datasheet Heidi-Series Assy	
CHECKED BY	DATE	SIZE A4	DRAWING NUMBER		REV 2
DESIGNED BY	DATE	SCALE 2:1	WEIGHT (g)	SHEET 1/1	

PHOTOMETRIC DATA (MEASURED):

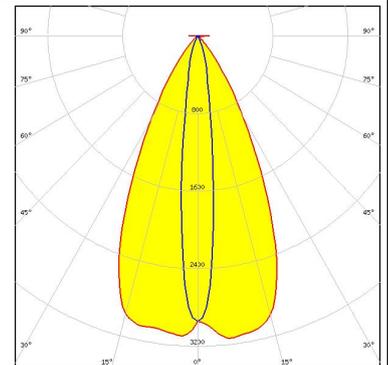
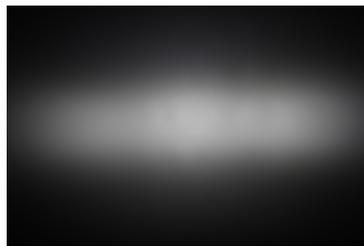
CREE 

LED XHP35 HD
FWHM 51.0 + 18.0°
Efficiency 77 %
Peak intensity 2.220 cd/lm
Required components:



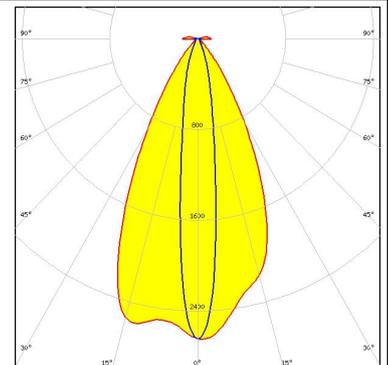
CREE 

LED XHP35 HI
FWHM 53.0 + 14.0°
Efficiency 79 %
Peak intensity 3.000 cd/lm
Required components:



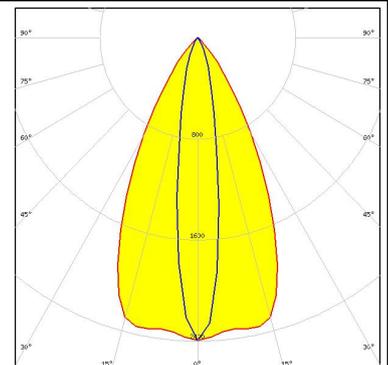
CREE 

LED XP-G3
FWHM 51.0 + 14.0°
Efficiency 90 %
Peak intensity 2.700 cd/lm
Required components:



CREE 

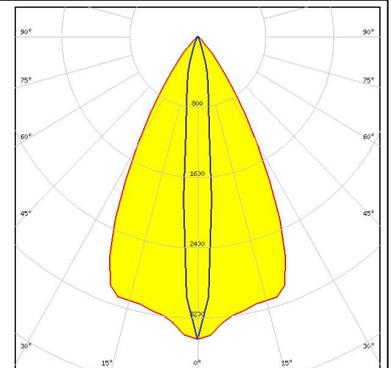
LED XP-L
FWHM 52.0 + 16.0°
Efficiency 81 %
Peak intensity 2.460 cd/lm
Required components:



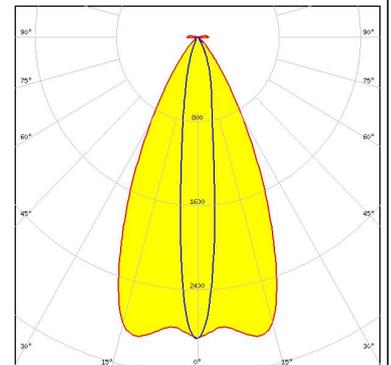
PHOTOMETRIC DATA (MEASURED):



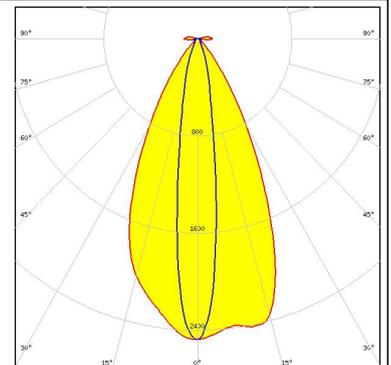
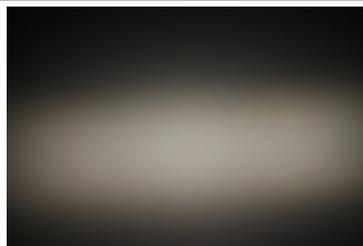
LED LUXEON Rebel ES
 FWHM 53.0 + 12.0°
 Efficiency 82 %
 Peak intensity 3.400 cd/lm
 Required components:



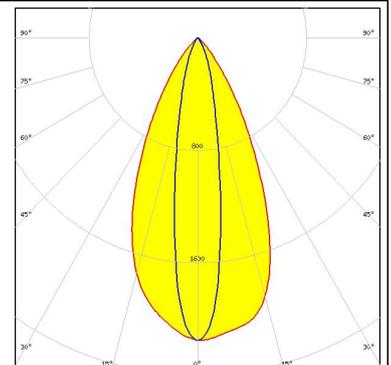
LED NVSW219D
 FWHM 51.0 + 13.0°
 Efficiency 91 %
 Peak intensity 2.900 cd/lm
 Required components:



LED NVSW3x9A
 FWHM 51.0 + 15.0°
 Efficiency 89 %
 Peak intensity 2.500 cd/lm
 Required components:



LED NWSx229A
 FWHM 50.0 + 18.0°
 Efficiency 76 %
 Peak intensity 2.150 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):



PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

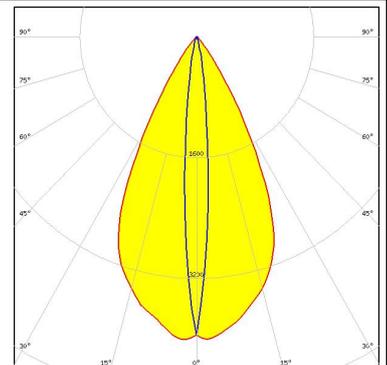
LED LUXEON A
FWHM 51.0 + 12.0°
Efficiency 84 %
Peak intensity 3.350 cd/lm
Required components:

LUMILEDS

LED LUXEON R
FWHM 53.0 + 12.0°
Efficiency %
Peak intensity cd/lm
Required components:

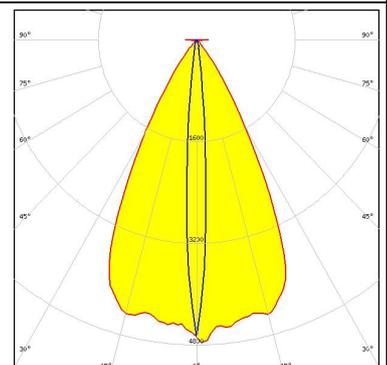
OSRAM Opto Semiconductors

LED Oslon Black
FWHM 53.0 + 9.0°
Efficiency 88 %
Peak intensity 4.000 cd/lm
Required components:



OSRAM Opto Semiconductors

LED Oslon Black Flat
FWHM 54.0 + 8.0°
Efficiency 89 %
Peak intensity 4.800 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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