

HEIDI-O

~50° x 11° oval beam

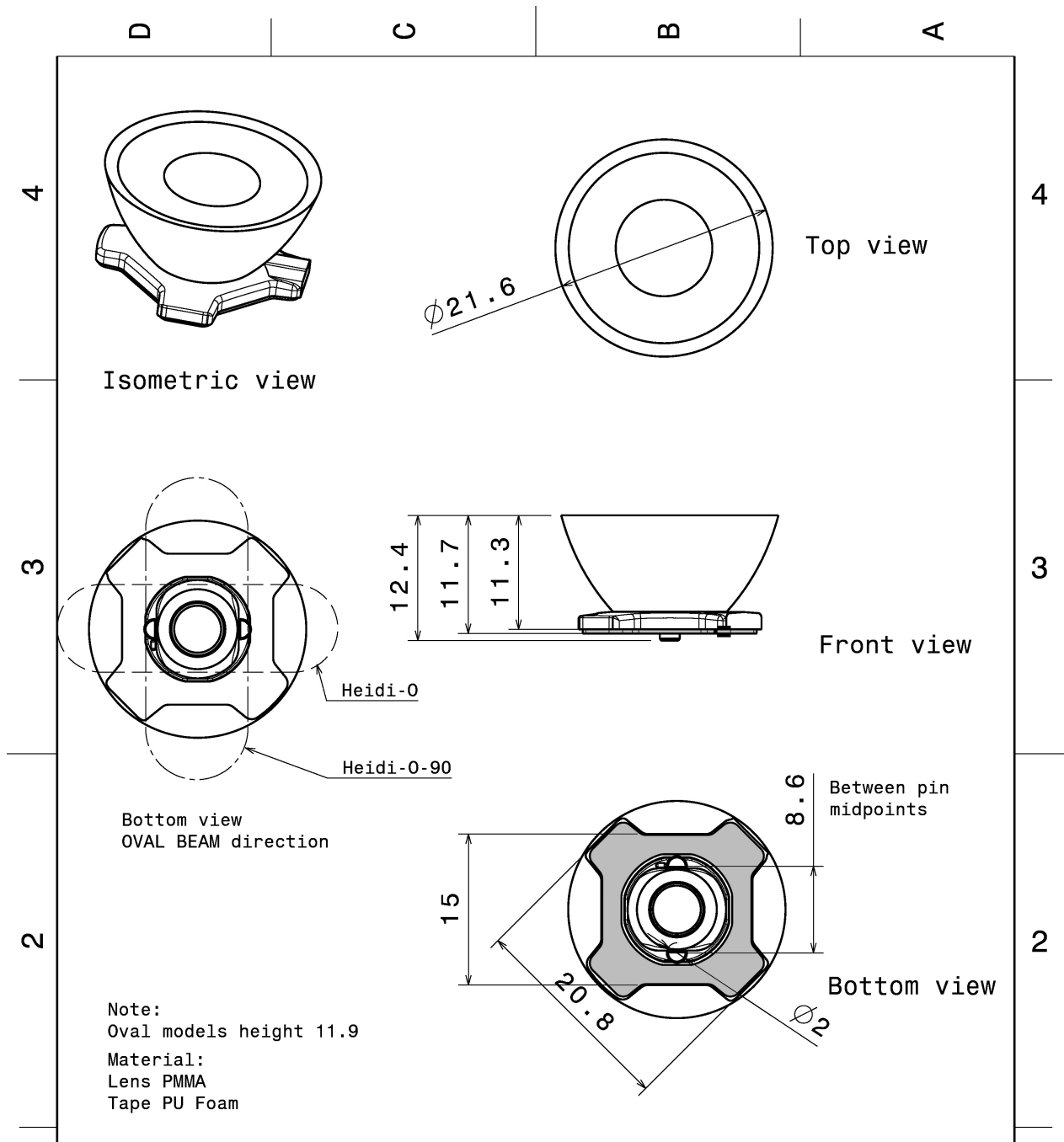
TECHNICAL SPECIFICATIONS:

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	Single lens	PMMA	clear
HEIDI-TAPE	Tape	PU tape	black



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

PHOTOMETRIC DATA (MEASURED):

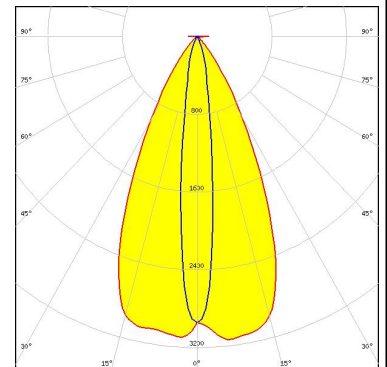
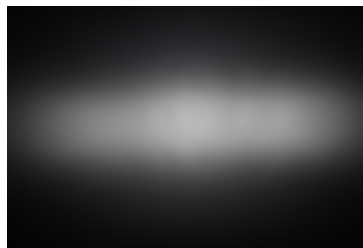
CREE

LED XHP35 HD
 FWHM 51.0 + 18.0°
 Efficiency 77 %
 Peak intensity 2.220 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



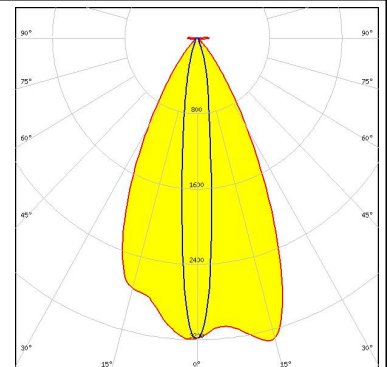
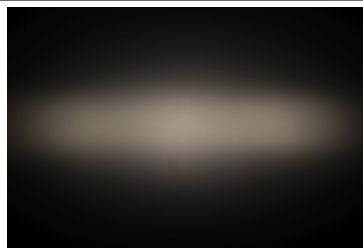
CREE

LED XHP35 HI
 FWHM 53.0 + 14.0°
 Efficiency 79 %
 Peak intensity 3.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



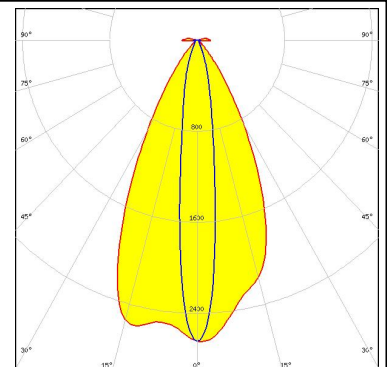
CREE

LED XP-G2
 FWHM 52.0 + 12.0°
 Efficiency 91 %
 Peak intensity 3.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

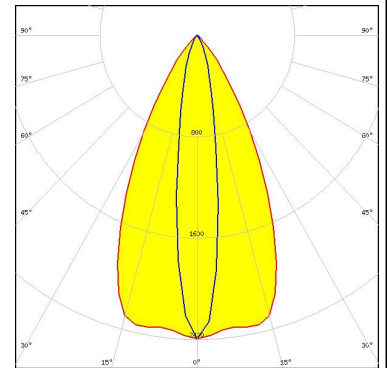
LED XP-G3
 FWHM 51.0 + 14.0°
 Efficiency 90 %
 Peak intensity 2.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



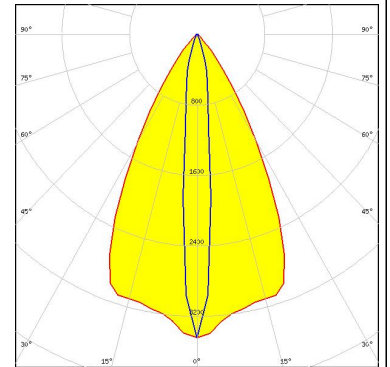
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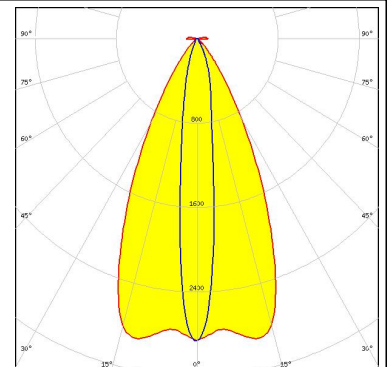
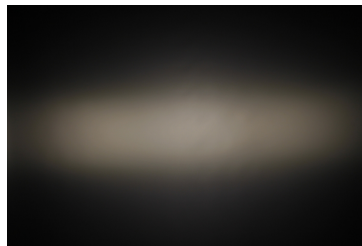
LED XP-L HD
 FWHM 52.0 + 16.0°
 Efficiency 81 %
 Peak intensity 2.460 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



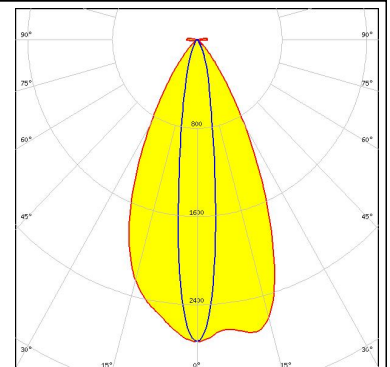
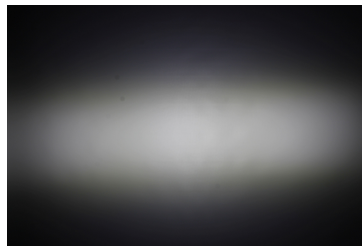
LED LUXEON Rebel ES
 FWHM 53.0 + 12.0°
 Efficiency 82 %
 Peak intensity 3.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSW219D
 FWHM 51.0 + 13.0°
 Efficiency 91 %
 Peak intensity 2.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



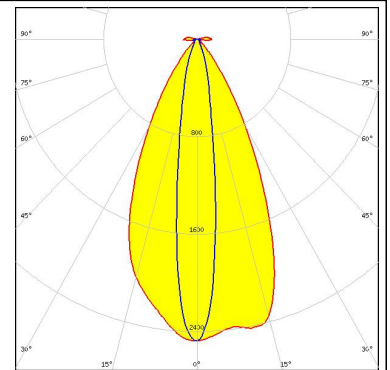
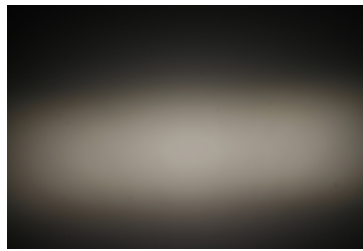
LED NVSW319B
 FWHM 51.0 + 15.0°
 Efficiency 91 %
 Peak intensity 2.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



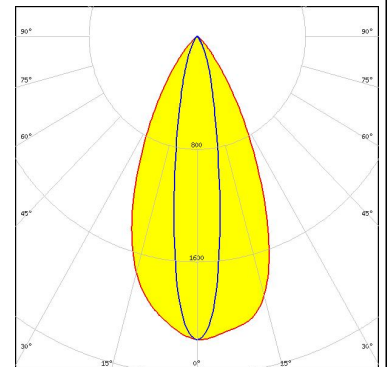
PHOTOMETRIC DATA (MEASURED):



LED NVSW3x9A
 FWHM 51.0 + 15.0°
 Efficiency 89 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

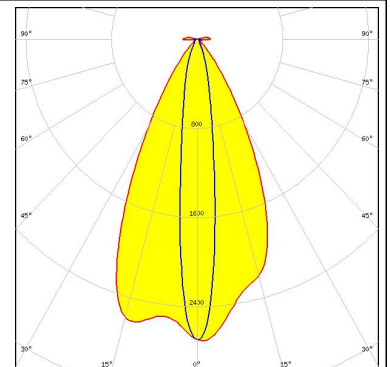


LED NWSx229A
 FWHM 50.0 + 18.0°
 Efficiency 76 %
 Peak intensity 2.150 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



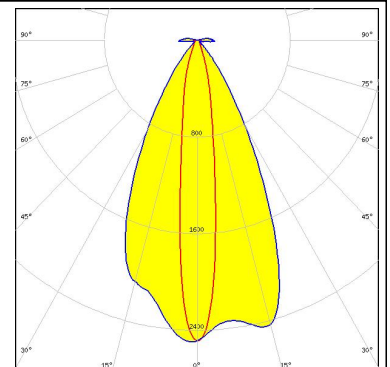
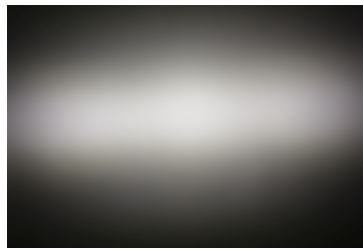
SEOUL SEMICONDUCTOR

LED Z5M3
 FWHM 52.0 + 13.0°
 Efficiency 92 %
 Peak intensity 2.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

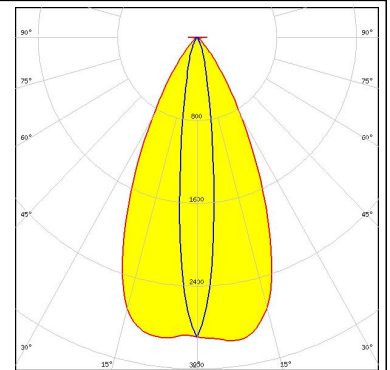
LED Z8Y22P
 FWHM 52.0 + 14.0°
 Efficiency 90 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):



LED XP-G2 HE
FWHM 50.0 + 14.0°
Efficiency 88 %
Peak intensity 2.954 cd/lm
LEDs/each optic 1
Light colour White
Required components:



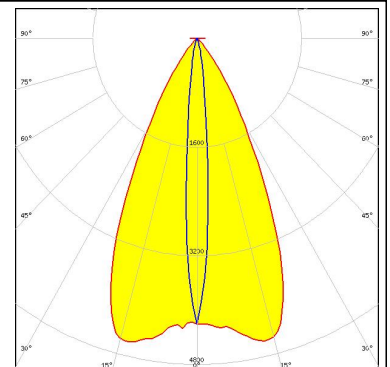
LED LUXEON A
FWHM 51.0 + 12.0°
Efficiency 84 %
Peak intensity 3.350 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON R
FWHM 53.0 + 12.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



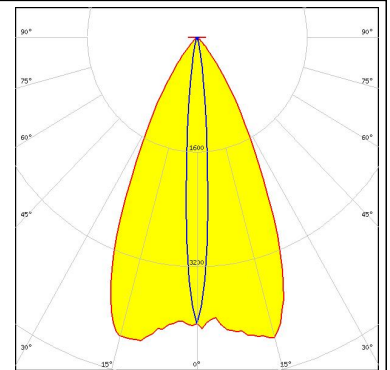
LED LUXEON SunPlus 20 Line (120 deg)
FWHM 52.0 + 9.0°
Efficiency 91 %
Peak intensity 4.597 cd/lm
LEDs/each optic 1
Light colour White
Required components:



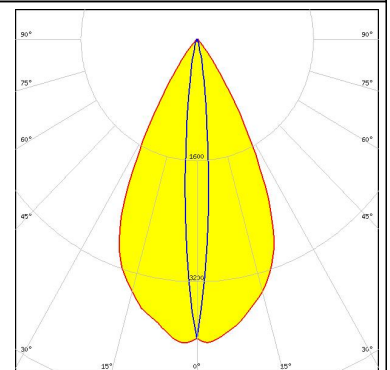
PHOTOMETRIC DATA (SIMULATED):



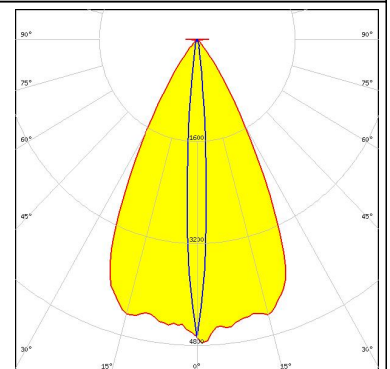
LED LUXEON SunPlus 20 Line (150 deg)
FWHM 52.0 + 10.0°
Efficiency 87 %
Peak intensity 4.341 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM
Opto Semiconductors
LED OSOLON Black
FWHM 53.0 + 9.0°
Efficiency 88 %
Peak intensity 4.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM
Opto Semiconductors
LED OSOLON Black Flat
FWHM 54.0 + 8.0°
Efficiency 89 %
Peak intensity 4.800 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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