

HEIDI-RS

~8° spot beam

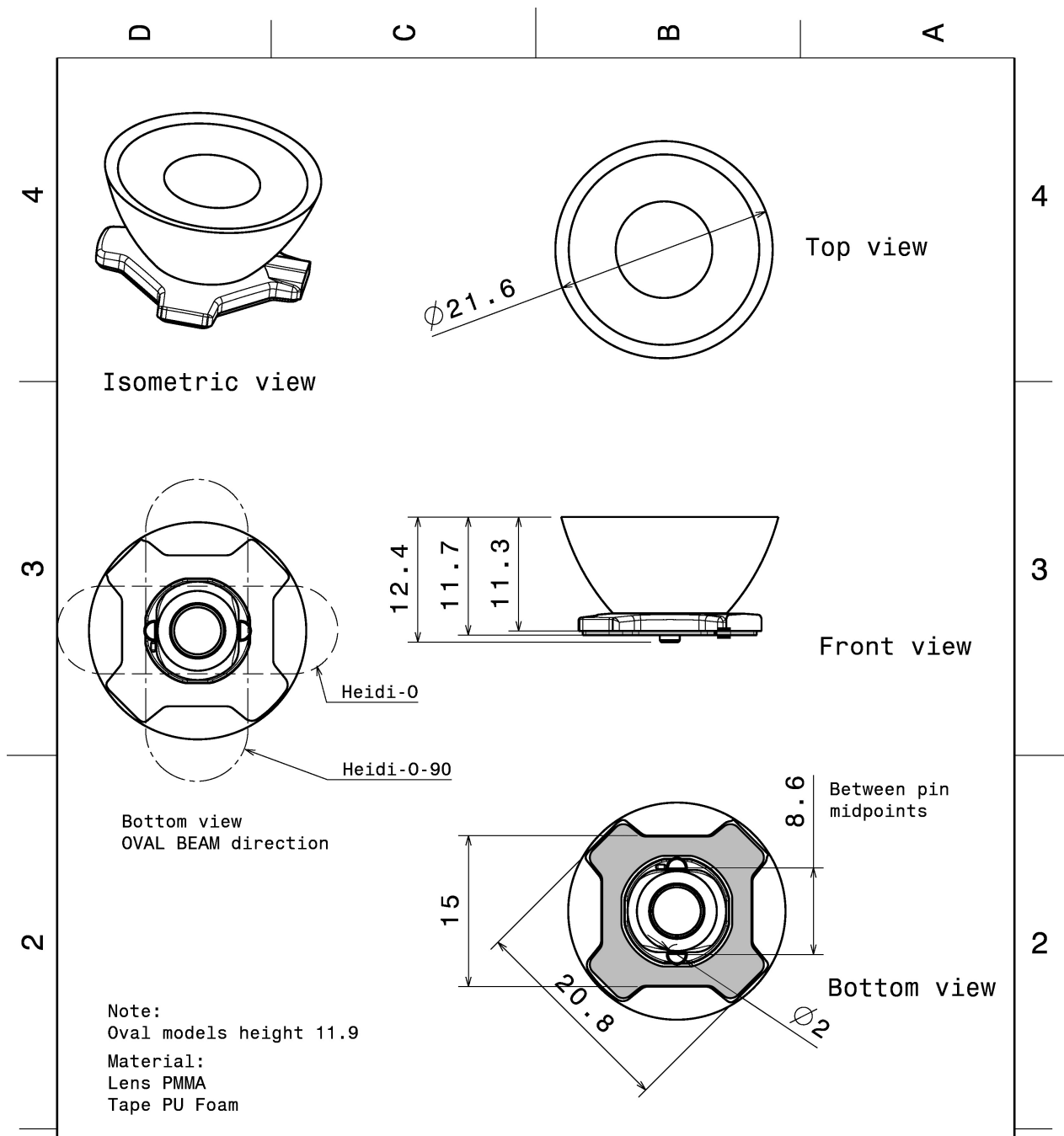
TECHNICAL SPECIFICATIONS:

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

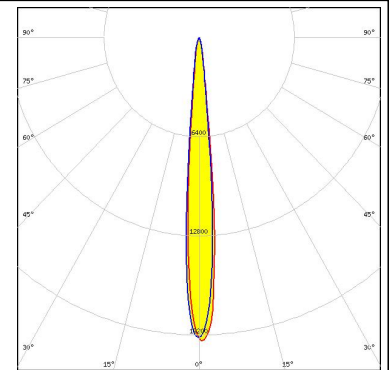


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DRAWING TITLE		Datasheet Heidi-Series Assy			
DRAWN BY ah	DATE 1.2.2012	SIZE A4		DRAWING NUMBER	
CHECKED BY	DATE	SCALE 2:1			REV 2
DESIGNED BY	DATE	WEIGHT (g)		SHEET 1/1	

PHOTOMETRIC DATA (MEASURED):

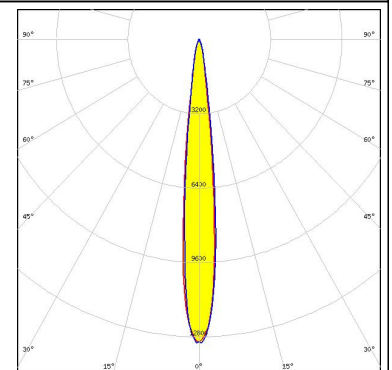
CREE 

LED XP-G2
 FWHM 10.0°
 Efficiency 94 %
 Peak intensity 20.000 cd/lm
 Required components:



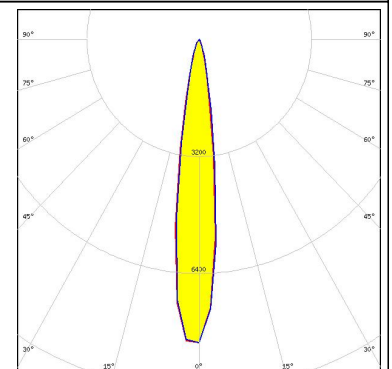
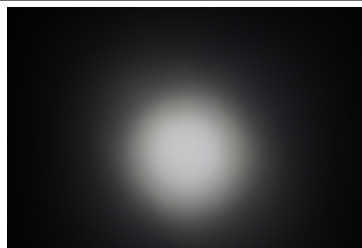
CREE 

LED XP-G3
 FWHM 12.0°
 Efficiency 94 %
 Peak intensity 13.000 cd/lm
 Required components:



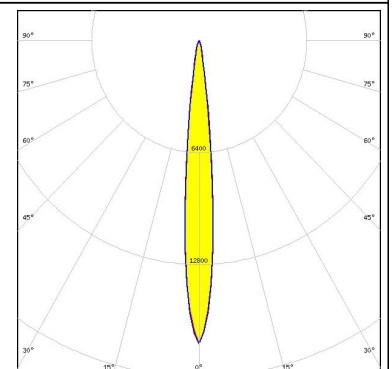
CREE 

LED XP-L
 FWHM 15.0°
 Efficiency 89 %
 Peak intensity 8.300 cd/lm
 Required components:



 **LUMILEDS**

LED LUXEON A
 FWHM 11.0°
 Efficiency 87 %
 Peak intensity 15.600 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel
FWHM 8.0°
Efficiency 88 %
Peak intensity 26.000 cd/lm
Required components:



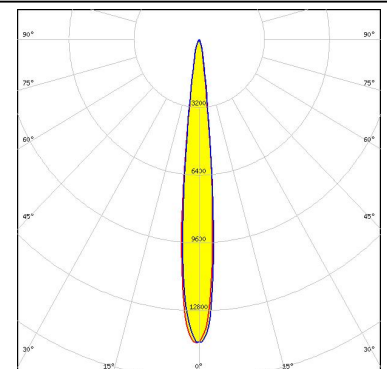
LUMILEDS

LED LUXEON Rebel ES
FWHM 11.0°
Efficiency 86 %
Peak intensity 15.100 cd/lm
Required components:



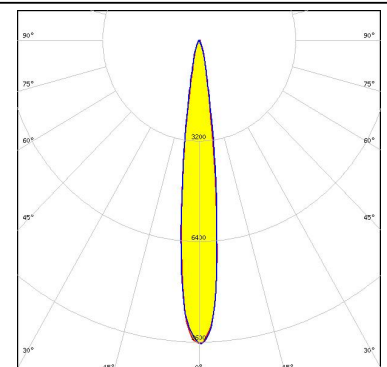
NICHIA

LED NVSW219D
FWHM 11.0°
Efficiency 94 %
Peak intensity 14.300 cd/lm
Required components:



NICHIA

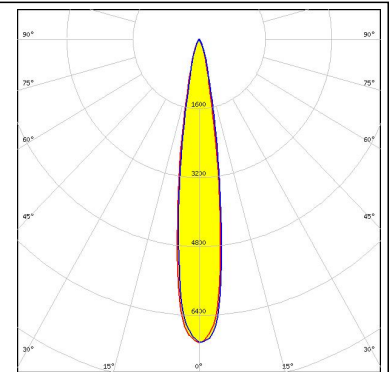
LED NVSW3x9A
FWHM 13.0°
Efficiency 92 %
Peak intensity 9.700 cd/lm
Required components:



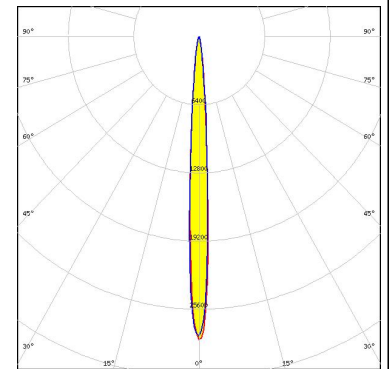
PHOTOMETRIC DATA (MEASURED):



LED NWSx229A
 FWHM 16.0°
 Efficiency 87 %
 Peak intensity 7.000 cd/lm
 Required components:

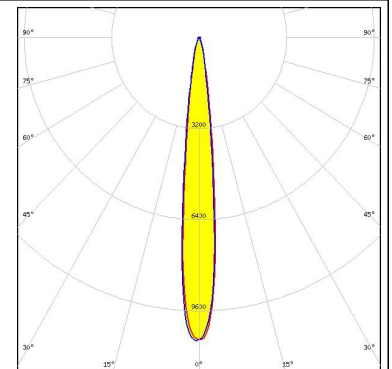
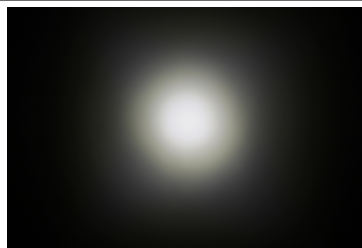


LED Oslon SSL 150
 FWHM 7.0°
 Efficiency 89 %
 Peak intensity 28.500 cd/lm
 Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P
 FWHM 12.0°
 Efficiency 94 %
 Peak intensity 10.700 cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

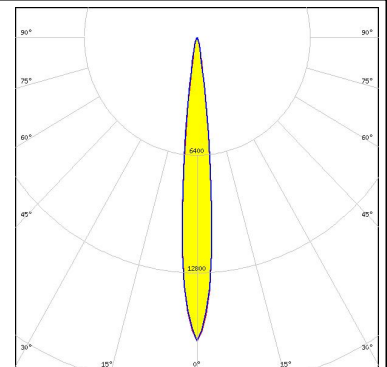
LED LUXEON IR Domed 150
FWHM 11.0°
Efficiency 94 %
Peak intensity 0.000 cd/lm
Required components:

LUMILEDS

LED LUXEON IR Domed 90
FWHM 11.0°
Efficiency 94 %
Peak intensity 0.000 cd/lm
Required components:

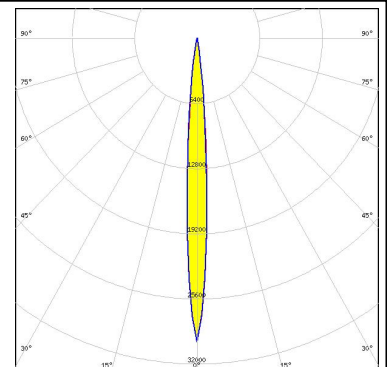
LUMILEDS

LED LUXEON R
FWHM 11.0°
Efficiency 92 %
Peak intensity 16.500 cd/lm
Required components:



LUMILEDS

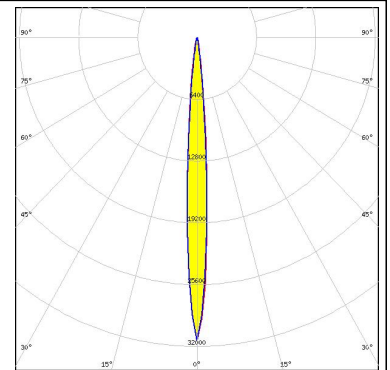
LED LUXEON SunPlus 20 Line
FWHM 7.8°
Efficiency 93 %
Peak intensity 29.820 cd/lm
Required components:



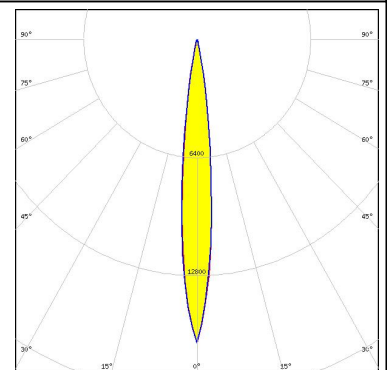
PHOTOMETRIC DATA (SIMULATED):



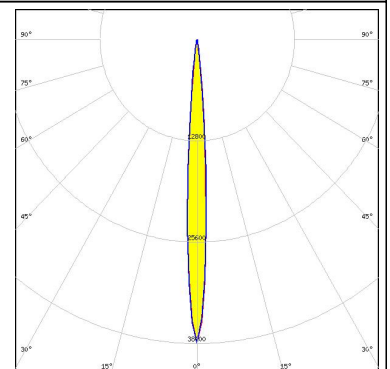
LED LUXEON SunPlus 35 Line
FWHM 7.8°
Efficiency 94 %
Peak intensity 31.430 cd/lm
Required components:



LED Oslon Black
FWHM 11.0°
Efficiency 93 %
Peak intensity 16.800 cd/lm
Required components:



LED Oslon Black Flat
FWHM 7.3°
Efficiency 94 %
Peak intensity 38.300 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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