

HEIDI-RS

~8° spot beam

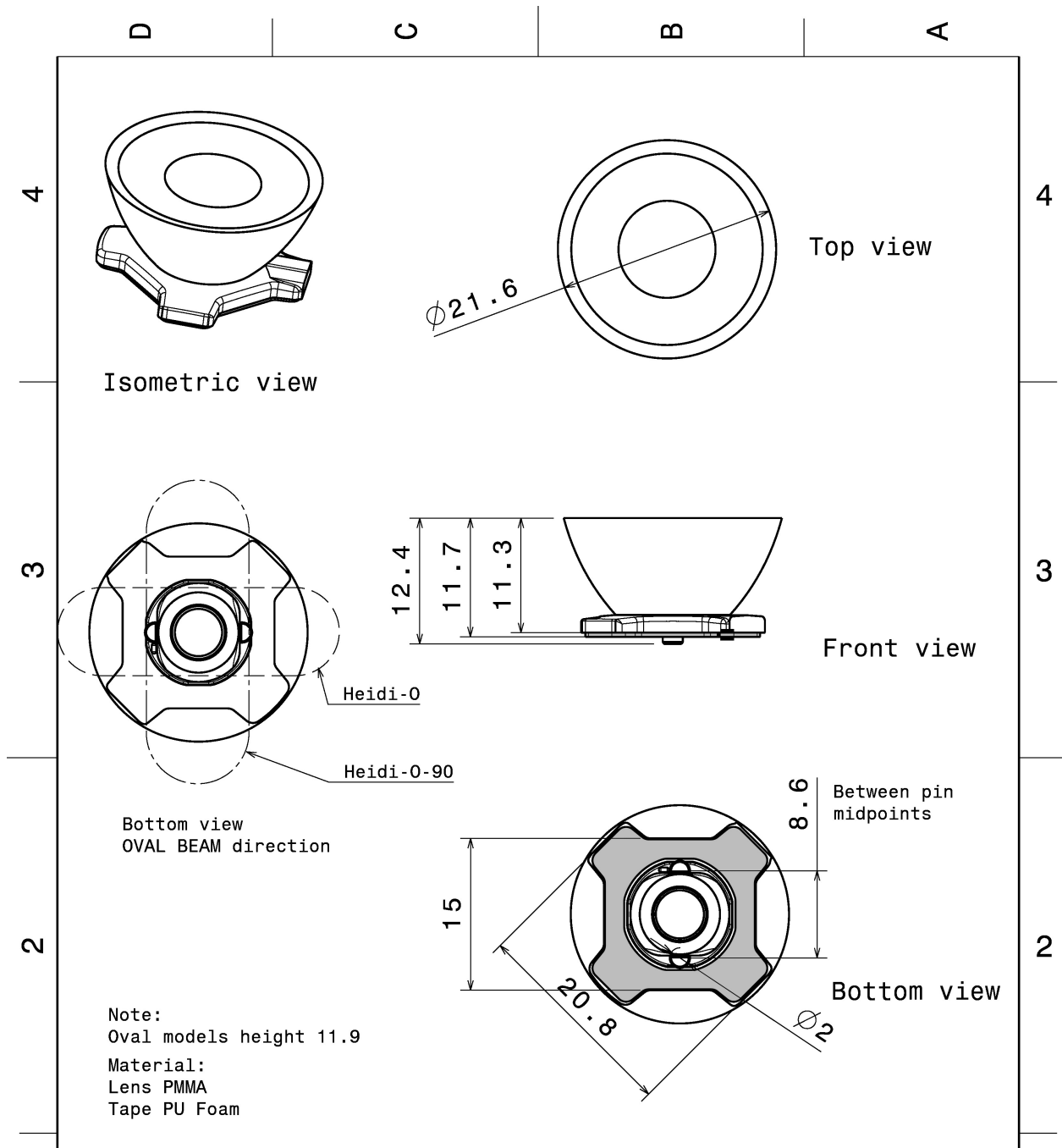
TECHNICAL SPECIFICATIONS:

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	Single lens	PMMA	clear
HEIDI-TAPE	Tape	PU tape	black

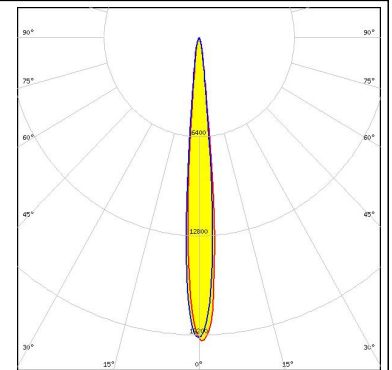


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DRAWING TITLE		Datasheet Heidi-Series Assy			
DRAWN BY ah	DATE 1.2.2012	SIZE A4	DRAWING NUMBER		REV 2
CHECKED BY	DATE	SCALE 2:1	WEIGHT (g)	SHEET 1/1	
DESIGNED BY	DATE				

PHOTOMETRIC DATA (MEASURED):

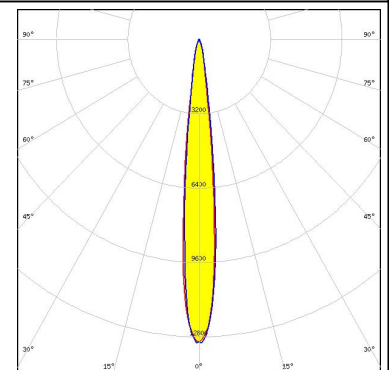
CREE

LED XP-G2
FWHM 10.0°
Efficiency 94 %
Peak intensity 20.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



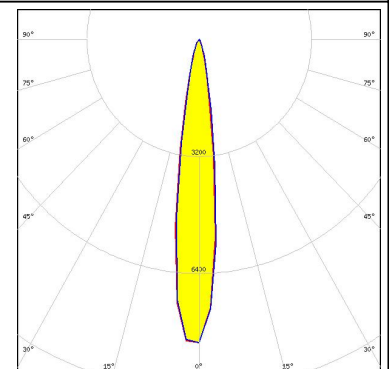
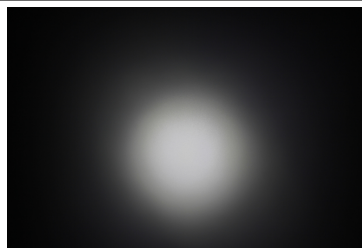
CREE

LED XP-G3
FWHM 12.0°
Efficiency 94 %
Peak intensity 13.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



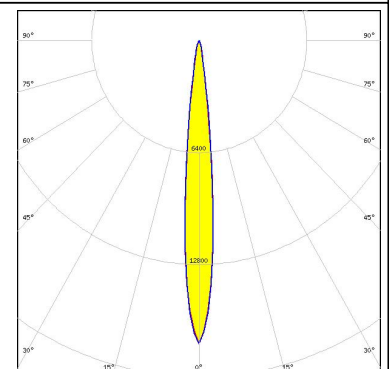
CREE

LED XP-L HD
FWHM 15.0°
Efficiency 89 %
Peak intensity 8.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

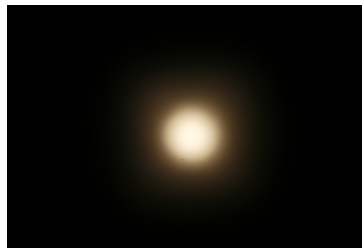
LED LUXEON A
FWHM 11.0°
Efficiency 87 %
Peak intensity 15.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel
FWHM 8.0°
Efficiency 88 %
Peak intensity 26.000 cd/m
LEDs/each optic 1
Light colour White
Required components:



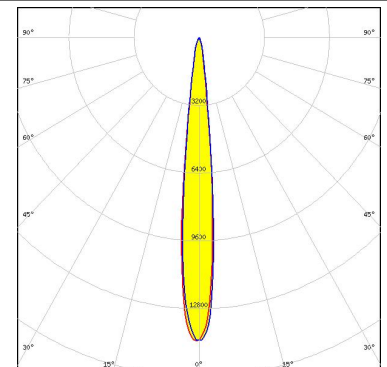
LUMILEDS

LED LUXEON Rebel ES
FWHM 11.0°
Efficiency 86 %
Peak intensity 15.100 cd/m
LEDs/each optic 1
Light colour White
Required components:



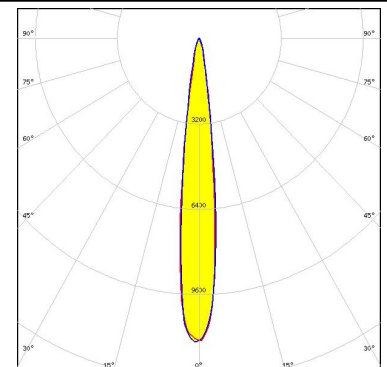
NICHIA

LED NVSW219D
FWHM 11.0°
Efficiency 94 %
Peak intensity 14.300 cd/m
LEDs/each optic 1
Light colour White
Required components:



NICHIA

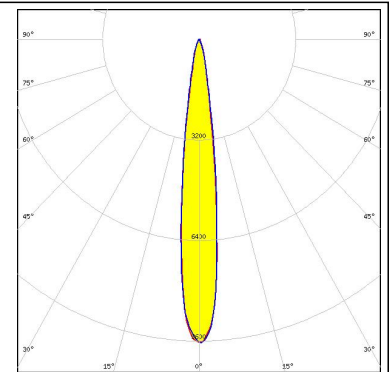
LED NVSW319B
FWHM 13.0°
Efficiency 94 %
Peak intensity 11.400 cd/m
LEDs/each optic 1
Light colour White
Required components:



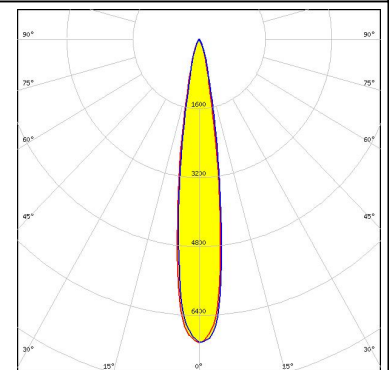
PHOTOMETRIC DATA (MEASURED):



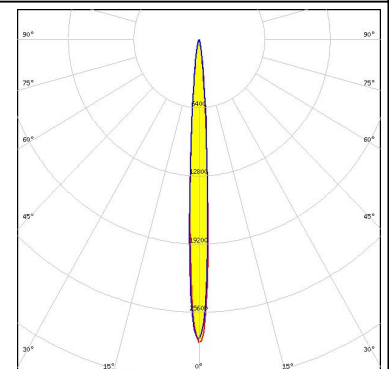
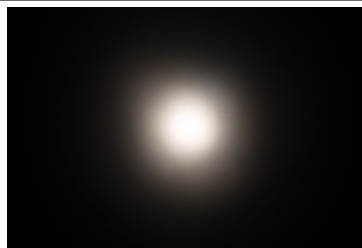
LED NVSW3x9A
 FWHM 13.0°
 Efficiency 92 %
 Peak intensity 9.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



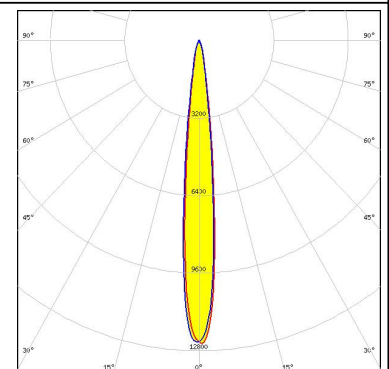
LED NWSx229A
 FWHM 16.0°
 Efficiency 87 %
 Peak intensity 7.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSOLON SSL 150
 FWHM 7.0°
 Efficiency 89 %
 Peak intensity 28.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Z5M3
 FWHM 11.0°
 Efficiency 94 %
 Peak intensity 12.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



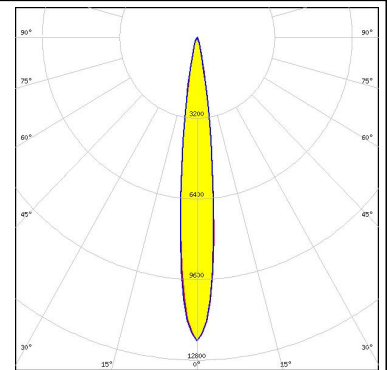
PHOTOMETRIC DATA (MEASURED):



PHOTOMETRIC DATA (SIMULATED):



LED XP-G2 HE
FWHM 12.0°
Efficiency 95 %
Peak intensity 12.039 cd/lm
LEDs/each optic 1
Light colour White
Required components:



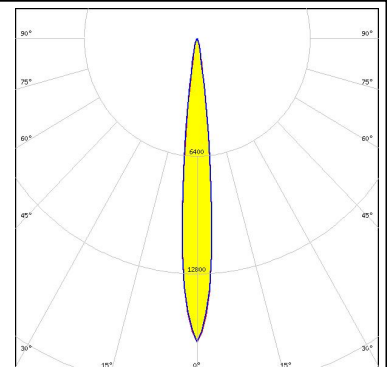
LED LUXEON IR Domed 150
FWHM 11.0°
Efficiency 94 %
Peak intensity 0.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON IR Domed 90
FWHM 11.0°
Efficiency 94 %
Peak intensity 0.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



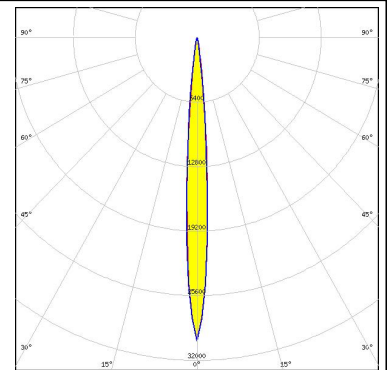
LED LUXEON R
FWHM 11.0°
Efficiency 92 %
Peak intensity 16.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

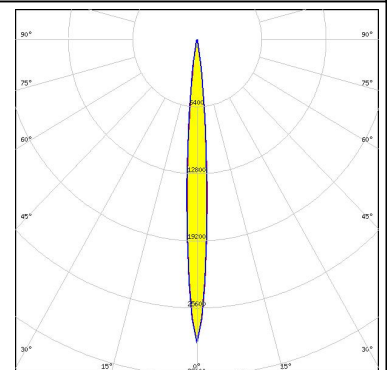
LUMILEDS

LED LUXEON SunPlus 20 Line (120 deg)
 FWHM 8.0°
 Efficiency 96 %
 Peak intensity 30.083 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



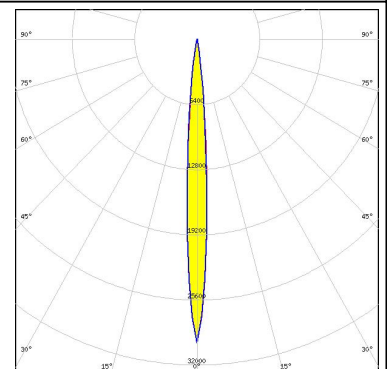
LUMILEDS

LED LUXEON SunPlus 20 Line (150 deg)
 FWHM 8.0°
 Efficiency 92 %
 Peak intensity 28.925 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



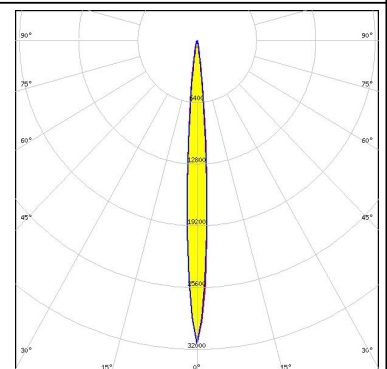
LUMILEDS

LED LUXEON SunPlus 20 Line (150 deg)
 FWHM 7.8°
 Efficiency 93 %
 Peak intensity 29.820 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

LED LUXEON SunPlus 35 Line
 FWHM 7.8°
 Efficiency 94 %
 Peak intensity 31.430 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



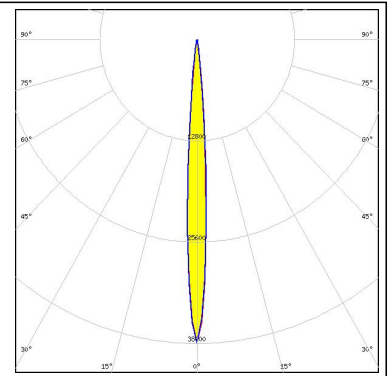
PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED NV4WB35AM FWHM 16.0° Efficiency 96 % Peak intensity 7.959 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSxE21A FWHM 10.0° Efficiency 94 % Peak intensity 19.423 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSCONIQ P 3737 Flat FWHM 10.0° Efficiency 96 % Peak intensity 16.497 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOK Black FWHM 11.0° Efficiency 93 % Peak intensity 16.800 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

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

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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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

Salo, Finland
Hong Kong, China

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