

HEIDI-M

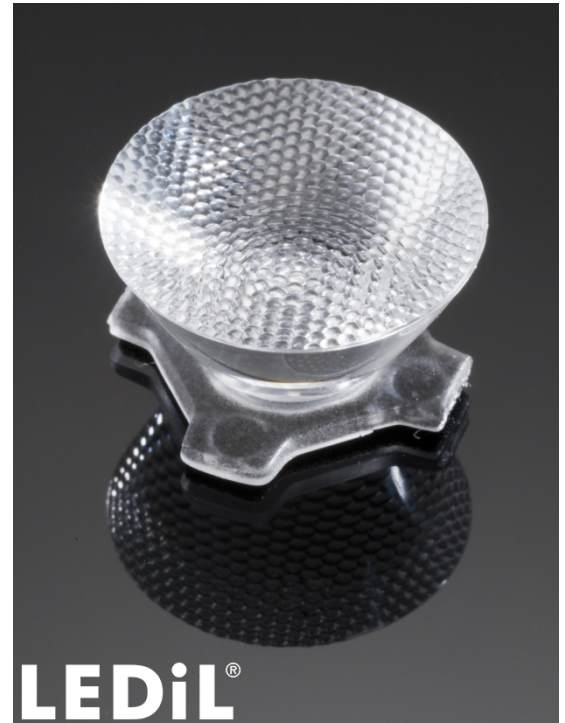
~25° medium beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	11.7 mm
Fastening	tape, pin
ROHS compliant	yes 

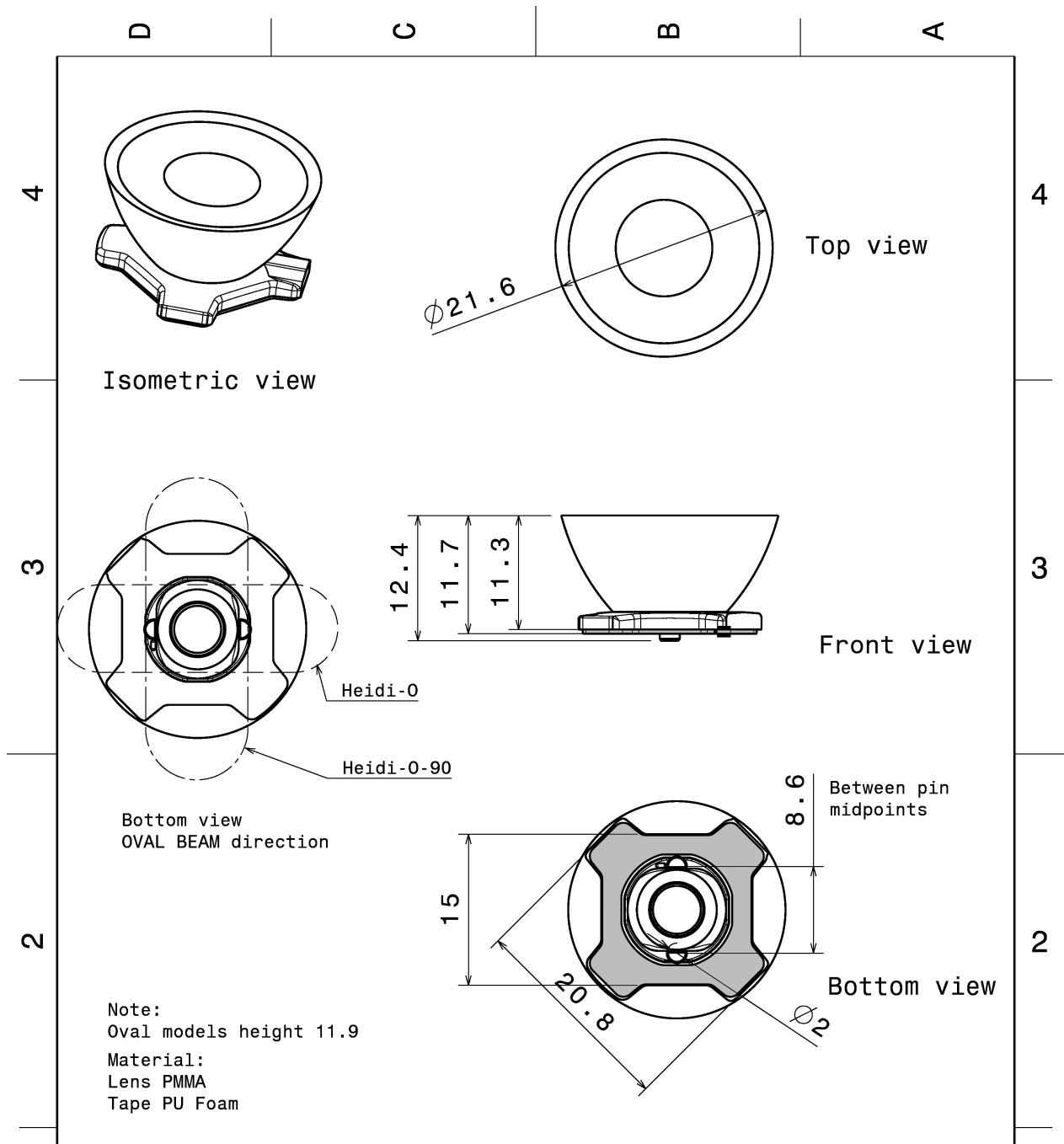
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
HEIDI-M	Single lens	PMMA	clear	
HEIDI-TAPE	Tape	PU tape	black	



ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12536_HEIDI-M	Single lens	3264	204	204	11.1
» Box size: 480 x 280 x 300 mm					

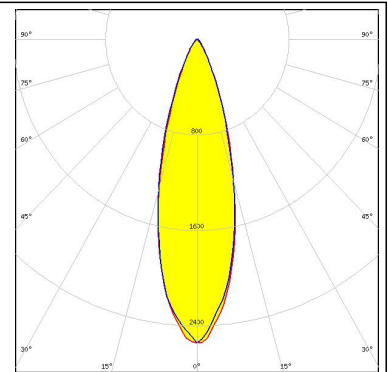


This drawing is our property. It can't be reproduced or communicated without our written agreement.		LEDiL		Ledil Oy Joensuunkatu 13 FIN-24100 SALO Finland	
DRAWING TITLE		Datasheet Heidi-Series Assy			
DRAWN BY ah	DATE 1.2.2012	SIZE A4		DRAWING NUMBER	
CHECKED BY	DATE	SCALE 2:1		WEIGHT (g)	REV 2
DESIGNED BY	DATE	SCALE 2:1		WEIGHT (g)	SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

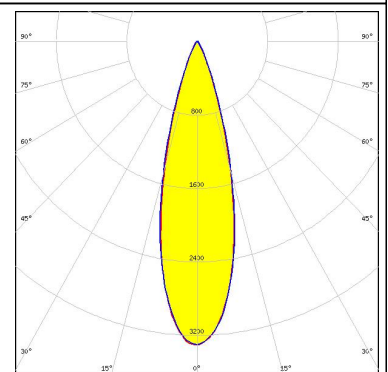
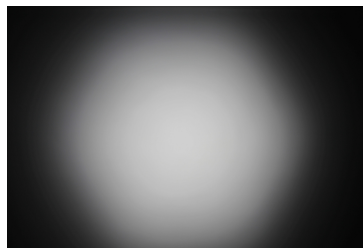
CREE 

LED XHP35 HD
FWHM 28.0°
Efficiency 86 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



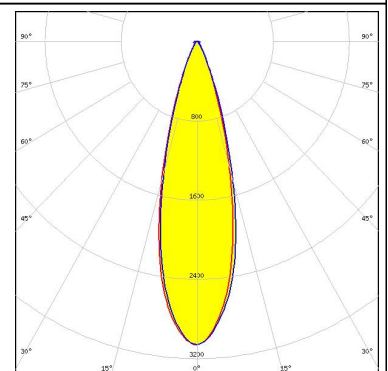
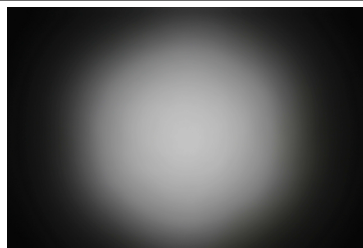
CREE 

LED XHP35 HI
FWHM 28.0°
Efficiency 94 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



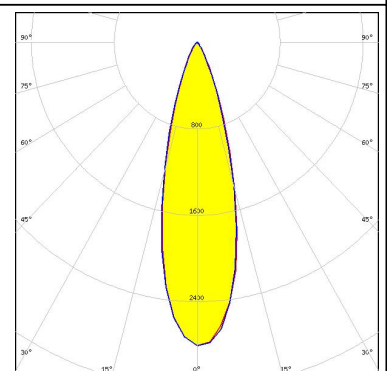
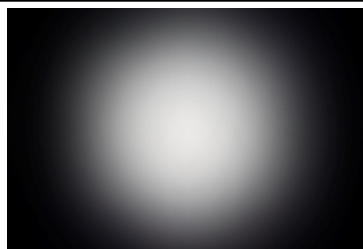
CREE 

LED XP-G3
FWHM 28.0°
Efficiency 94 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE 

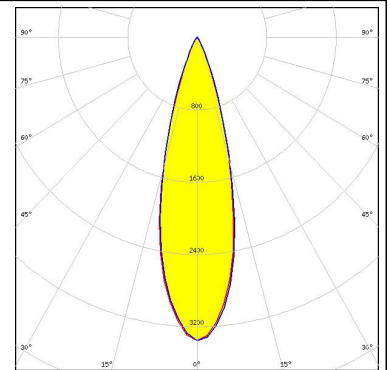
LED XP-L HD
FWHM 28.0°
Efficiency 86 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

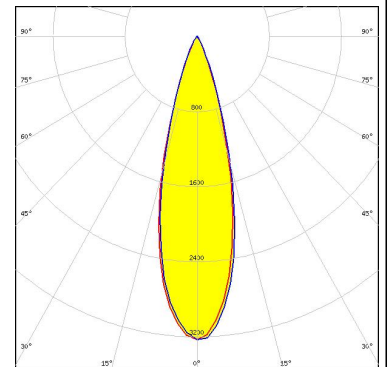
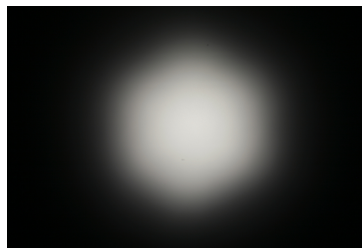
LUMILEDS

LED LUXEON A
 FWHM 29.0°
 Efficiency 88 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



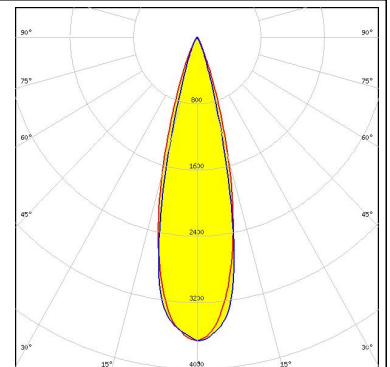
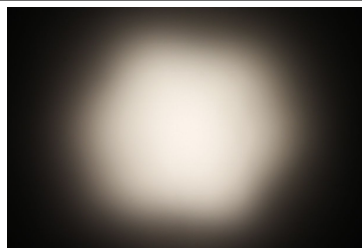
LUMILEDS

LED LUXEON R
 FWHM 29.0°
 Efficiency 87 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



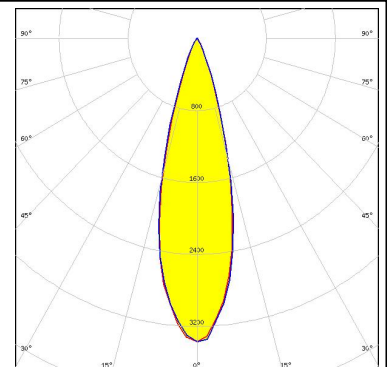
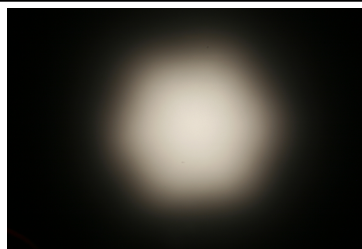
LUMILEDS

LED LUXEON Rebel
 FWHM 27.0°
 Efficiency 88 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

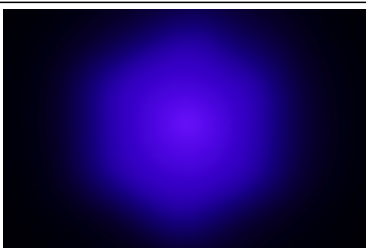
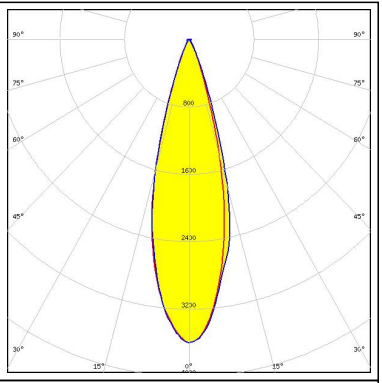
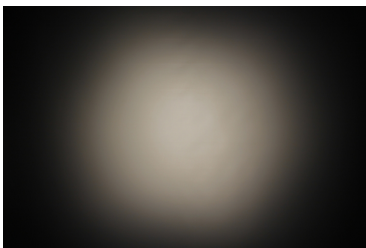
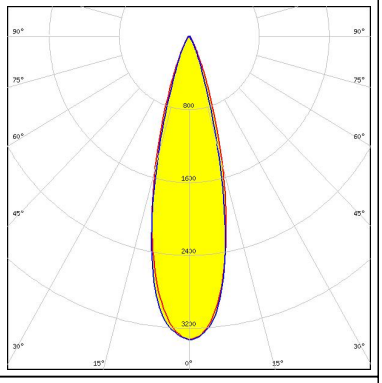

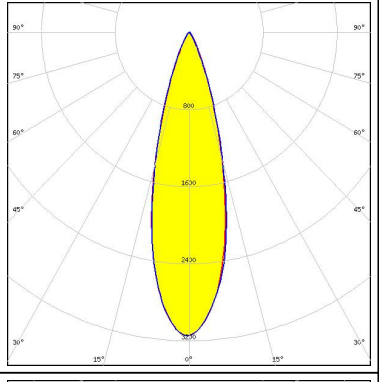
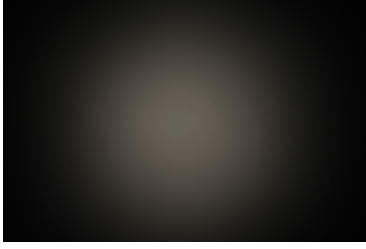
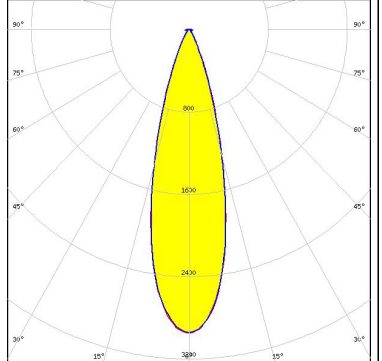


LUMILEDS

LED LUXEON Rebel ES
 FWHM 29.0°
 Efficiency 88 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



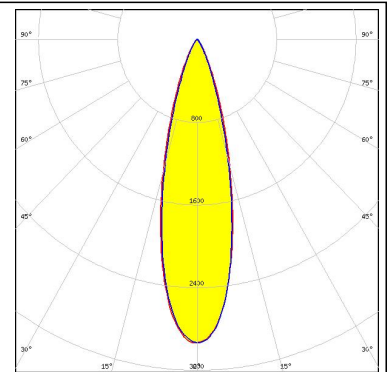
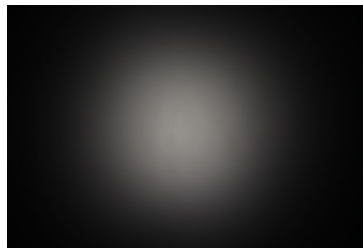
PHOTOMETRIC DATA (MEASURED):

<p>LUMINUS</p> <p>LED SST-10-B130 FWHM 28.0° Efficiency 94 % Peak intensity 3.6 cd/lm LEDs/each optic 1 Light colour Blue Required components:</p>		
<p>NICHIA</p> <p>LED NVSW219D FWHM 28.0° Efficiency 94 % Peak intensity 3.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW319B FWHM 28.0° Efficiency 94 % Peak intensity 3.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW3x9A FWHM 28.0° Efficiency 92 % Peak intensity 2.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

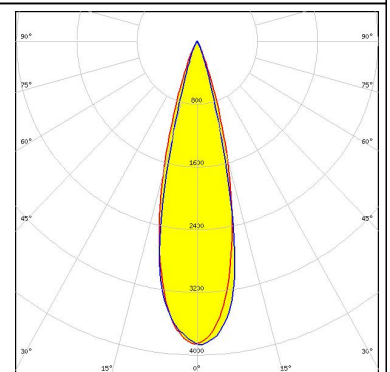
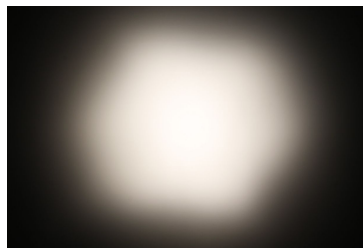
PHOTOMETRIC DATA (MEASURED):



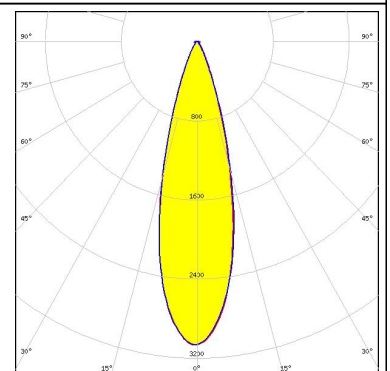
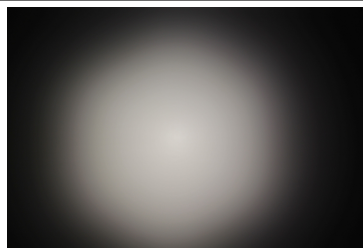
LED NWSx229A
 FWHM 27.0°
 Efficiency 85 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



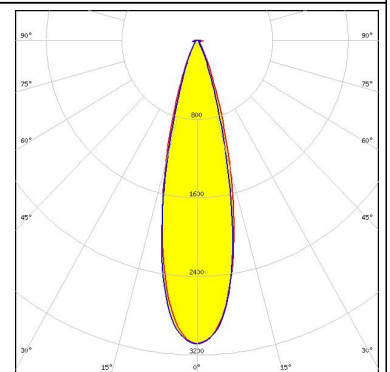
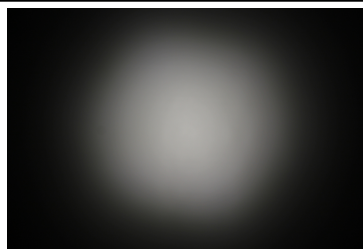
LED OSOLON SSL 150
 FWHM 27.0°
 Efficiency 88 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOL SEMICONDUCTOR
 LED Z5M3
 FWHM 28.0°
 Efficiency 94 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



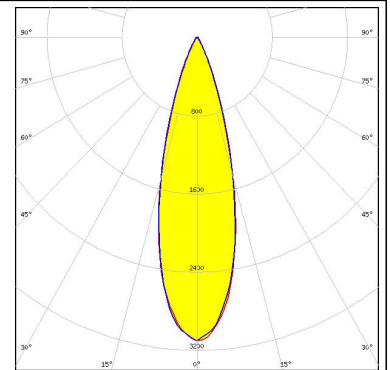
SEOL SEMICONDUCTOR
 LED Z8Y22P
 FWHM 27.0°
 Efficiency 93 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):



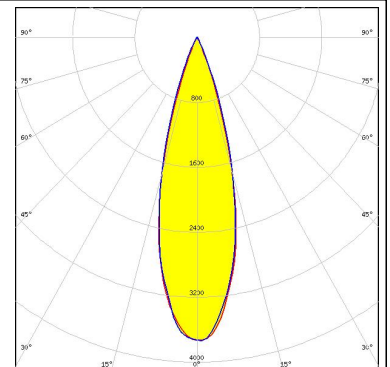
LED XP-G2 HE
 FWHM 30.0°
 Efficiency 93 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



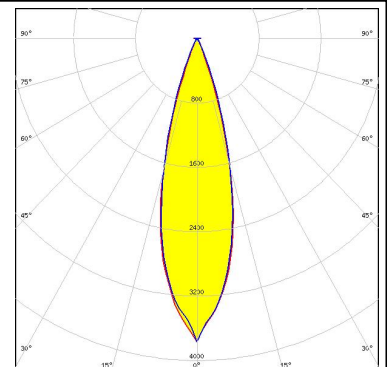
LED LUXEON IR Domed 150
 FWHM 27.0°
 Efficiency 93 %
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON SunPlus 20 Line (120 deg)
 FWHM 29.0°
 Efficiency 96 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON SunPlus 20 Line (150 deg)
 FWHM 28.0°
 Efficiency 92 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON SunPlus 20 Line (150 deg) FWHM 28.0° Efficiency 92 % Peak intensity 3.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON SunPlus 35 Line FWHM 28.0° Efficiency 94 % Peak intensity 3.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON Z ES FWHM 28.0° Efficiency 94 % Peak intensity 4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NV4WB35AM FWHM 28.0° Efficiency 94 % Peak intensity 3.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED: NVSxE21A FWHM: 28.0° Efficiency: 94 % Peak intensity: 3.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ P 3737 Flat FWHM: 28.0° Efficiency: 95 % Peak intensity: 3.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSLON Black Flat FWHM: 29.0° Efficiency: 94 % Peak intensity: 3.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

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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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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LEDiL Oy

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Hong Kong, China

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