

HEIDI-D

~10° diffused spot beam optimized for LUXEON Rebel ES

TECHNICAL SPECIFICATIONS:

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

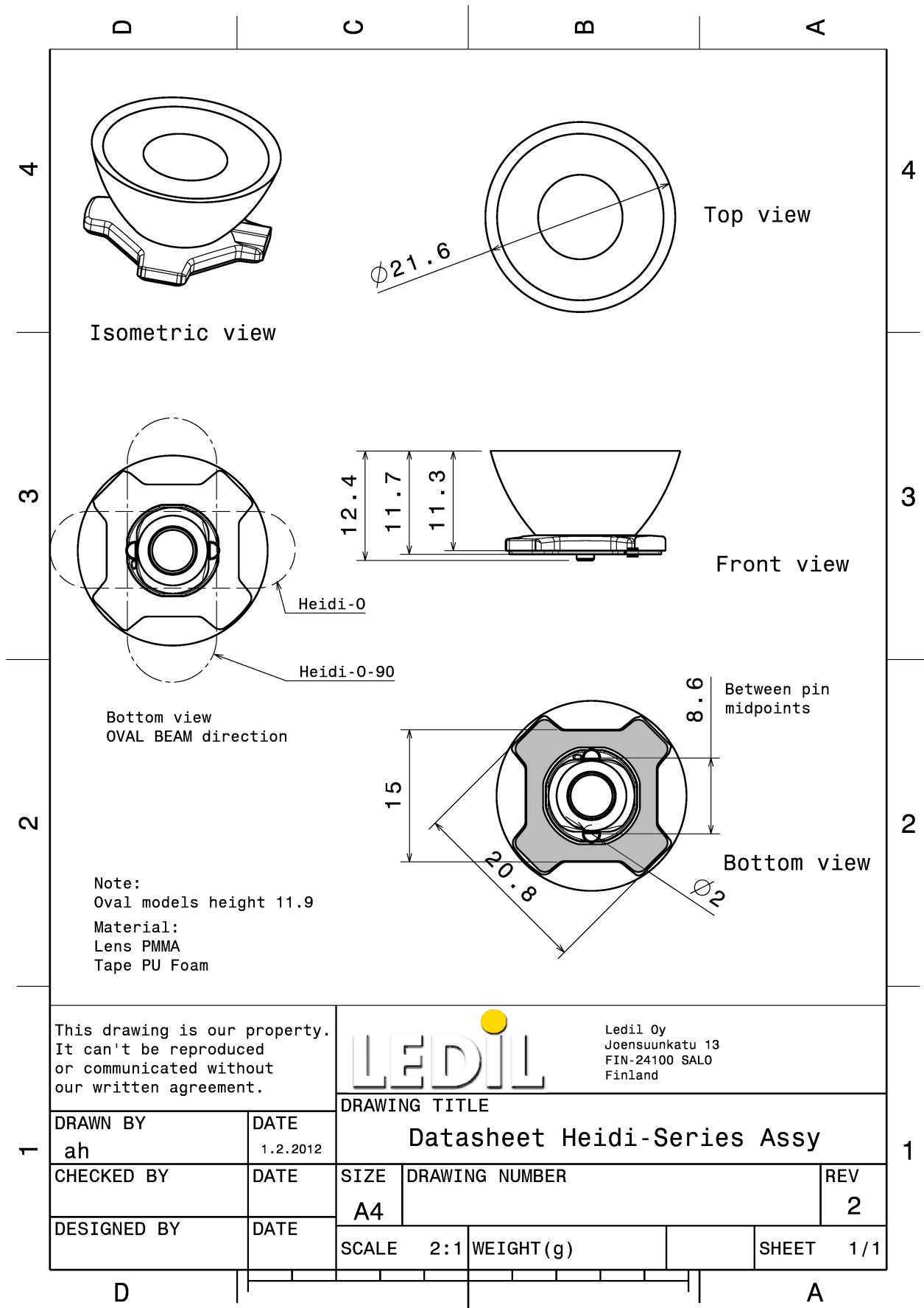


MATERIAL SPECIFICATIONS:

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


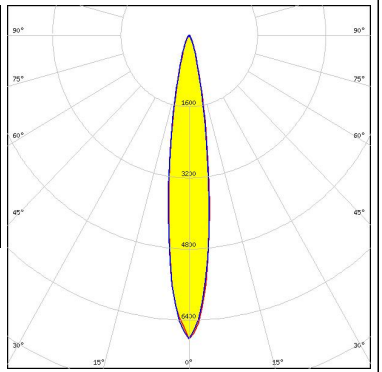

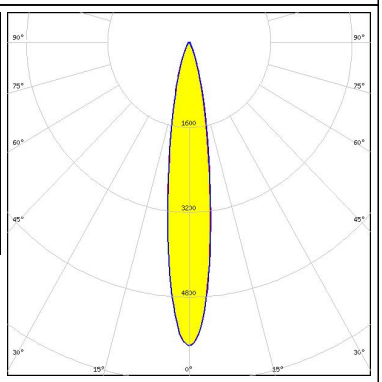

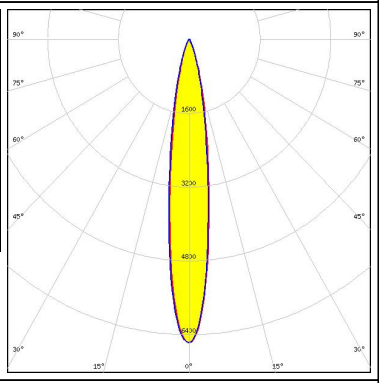

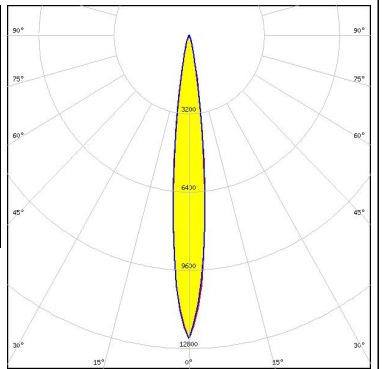
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12530_HEIDI-D	Single lens	3264	204	204	10.3
» Box size: 480 x 280 x 300 mm					



See also our general installation guide: www.ledil.com/installation_guide

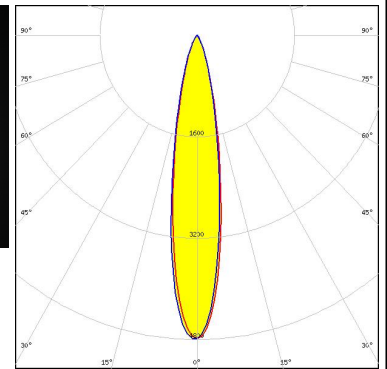
PHOTOMETRIC DATA (MEASURED):

<p>CREE → LED</p> <p>LED XHP35 HD FWHM / FWTM 20.0° / 46.0° Efficiency 83 % Peak intensity 4.2 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XHP35 HI FWHM / FWTM 17.0° / 38.0° Efficiency 94 % Peak intensity 5.7 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XP-G2 FWHM / FWTM 15.0° / 36.0° Efficiency 94 % Peak intensity 6.6 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XP-G3 FWHM / FWTM 17.0° / 40.0° Efficiency 94 % Peak intensity 5.1 cd/m LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

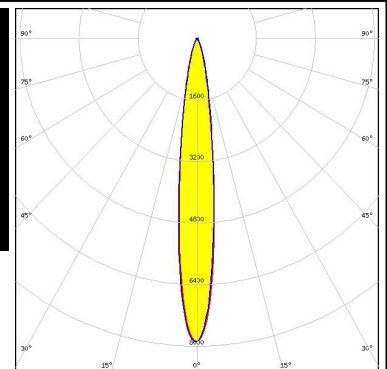
CREE LED

LED XP-L HD
 FWHM / FWTM 18.0° / 41.0°
 Efficiency 85 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XT-E
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 94 %
 Peak intensity 7.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



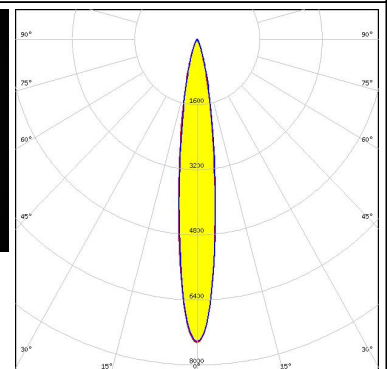
LUMILEDS

LED LUXEON A
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 86 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

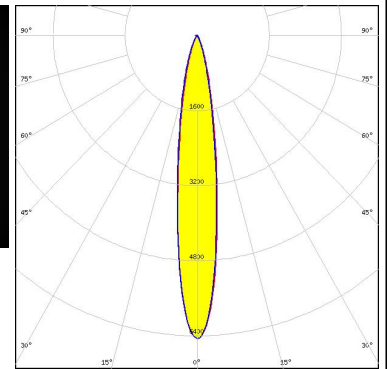
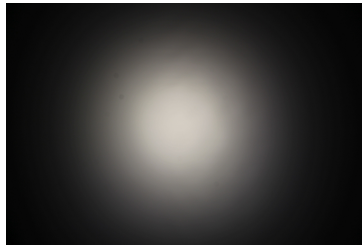
LED LUXEON Rebel
 FWHM / FWTM 14.0° / 34.0°
 Efficiency 86 %
 Peak intensity 7.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

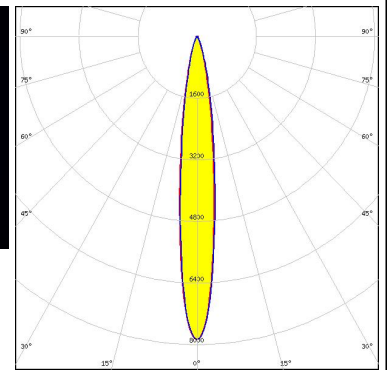
LUMILEDS

LED LUXEON Rebel ES
 FWHM / FWTM 15.0° / 36.0°
 Efficiency 91 %
 Peak intensity 6.5 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



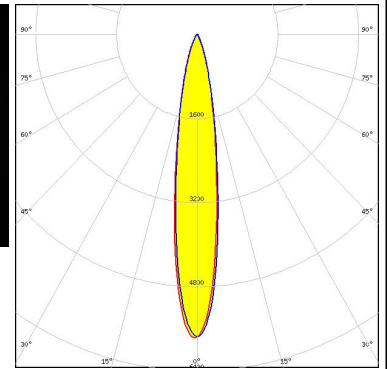
LUMINUS

LED SST-10-B130
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 93 %
 Peak intensity 7.9 cd/m
 LEDs/each optic 1
 Light colour Blue
 Required components:



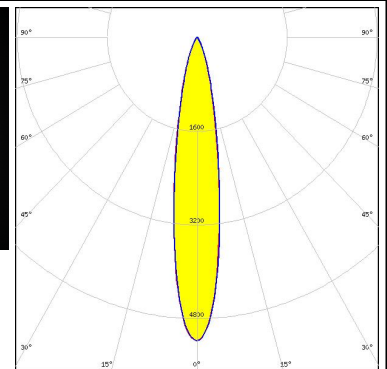
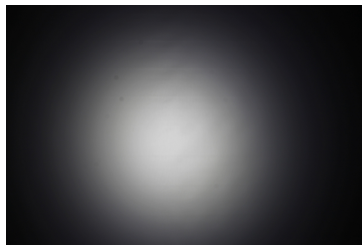
NICHIA

LED NVSW219D
 FWHM / FWTM 16.0° / 39.0°
 Efficiency 94 %
 Peak intensity 5.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

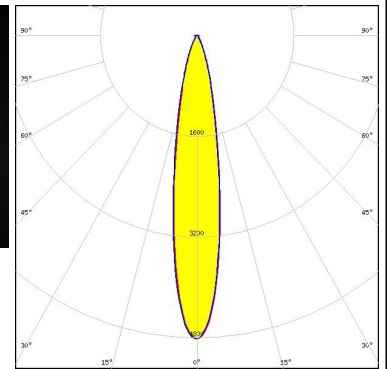
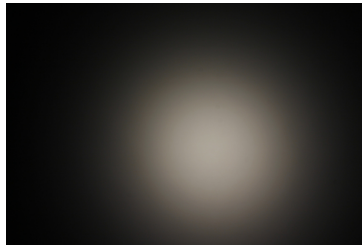
LED NVSW319B
 FWHM / FWTM 18.0° / 41.0°
 Efficiency 93 %
 Peak intensity 5.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



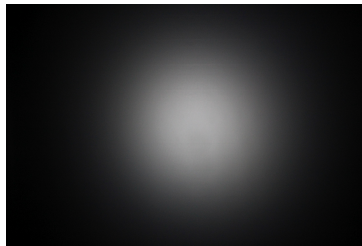
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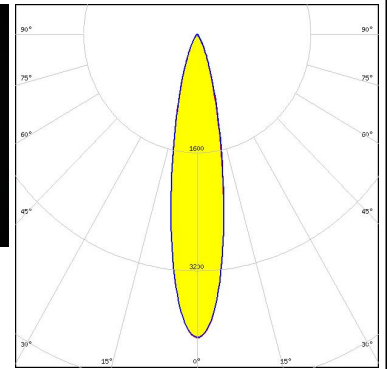
LED NVSW3x9A
 FWHM / FWTM 18.0° / 41.0°
 Efficiency 90 %
 Peak intensity 4.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



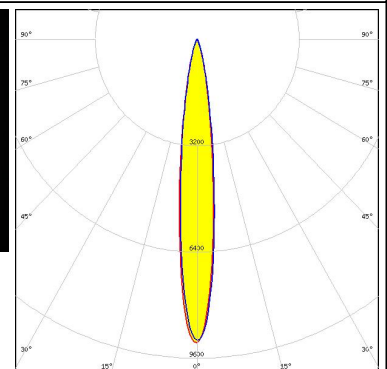
LED NVSW519A
 FWHM / FWTM 20.0° / 45.0°
 Efficiency 94 %
 Peak intensity 4.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:





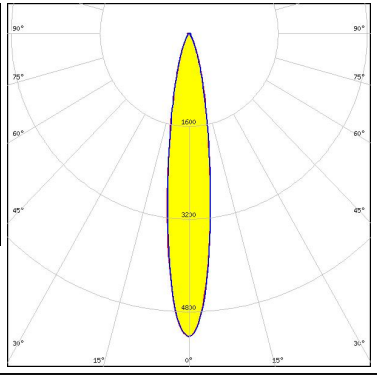


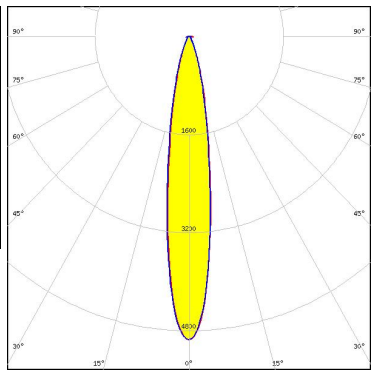
LED NWSx229A
 FWHM / FWTM 20.0° / 45.0°
 Efficiency 84 %
 Peak intensity 4.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSLON SSL 150
 FWHM / FWTM 13.0° / 30.0°
 Efficiency 87 %
 Peak intensity 9.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



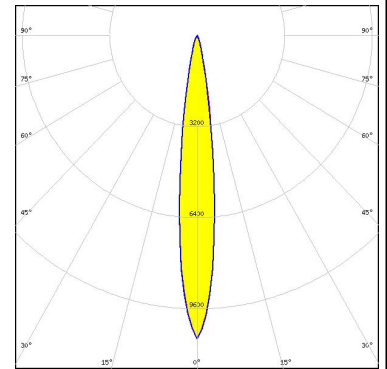
PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM 17.0° / 40.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 5.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P</p> <p>FWHM / FWTM 17.0° / 39.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):



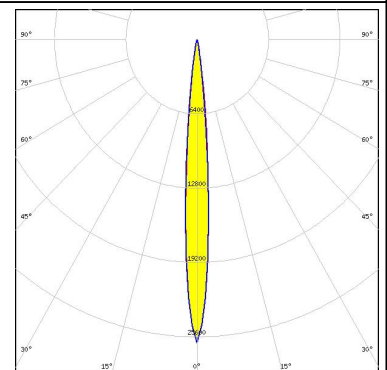
LED XP-G2 HE
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 95 %
 Peak intensity 10.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



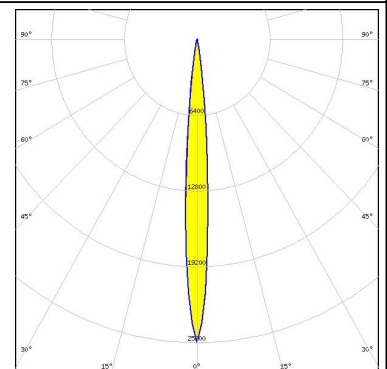
LED LUXEON R
 FWHM / FWTM 12.0° / 26.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON SunPlus 20 Line (120 deg)
 FWHM / FWTM 9.0° / 18.0°
 Efficiency 96 %
 Peak intensity 26.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



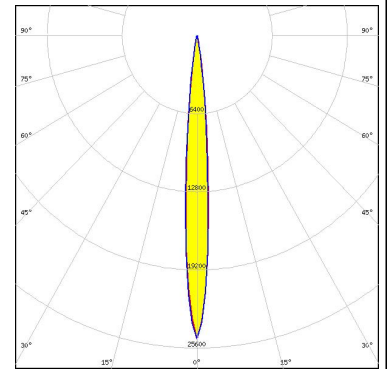
LED LUXEON SunPlus 20 Line (150 deg)
 FWHM / FWTM 8.7° / 18.0°
 Efficiency 93 %
 Peak intensity 25.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

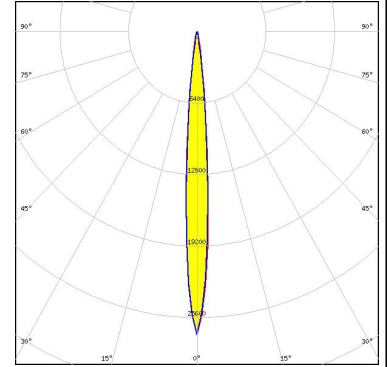
LUMILEDS

LED LUXEON SunPlus 20 Line (150 deg)
 FWHM / FWTM 8.0° / 18.0°
 Efficiency 92 %
 Peak intensity 24.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



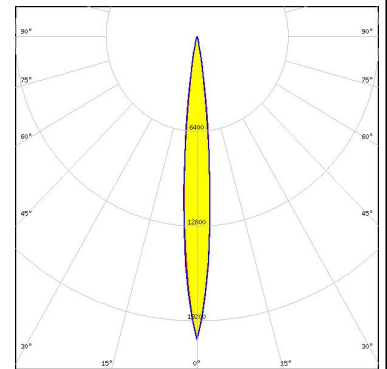
LUMILEDS

LED LUXEON SunPlus 35 Line
 FWHM / FWTM 8.5° / 18.0°
 Efficiency 94 %
 Peak intensity 27.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



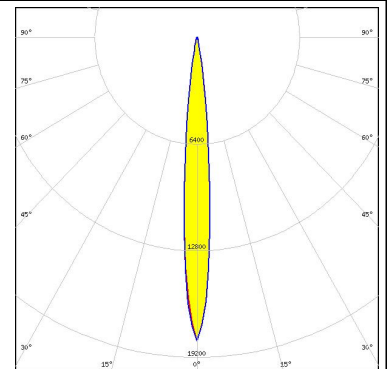
LUMILEDS

LED LUXEON Z ES
 FWHM / FWTM 10.0° / 21.0°
 Efficiency 94 %
 Peak intensity 20.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

LED NCSxE17A
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 92 %
 Peak intensity 18.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED: NV4WB35AM FWHM / FWTM: 16.0° / 32.0° Efficiency: 96 % Peak intensity: 7.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxE21A FWHM / FWTM: 10.0° / 22.0° Efficiency: 94 % Peak intensity: 17.5 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 / FWTM: 11.0° / 23.0° Efficiency: 97 % Peak intensity: 15.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SAMSUNG</p> <p>LED: LH351C FWHM / FWTM: 14.0° / 26.0° Efficiency: 96 % Peak intensity: 11.8 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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