

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 ⓘ

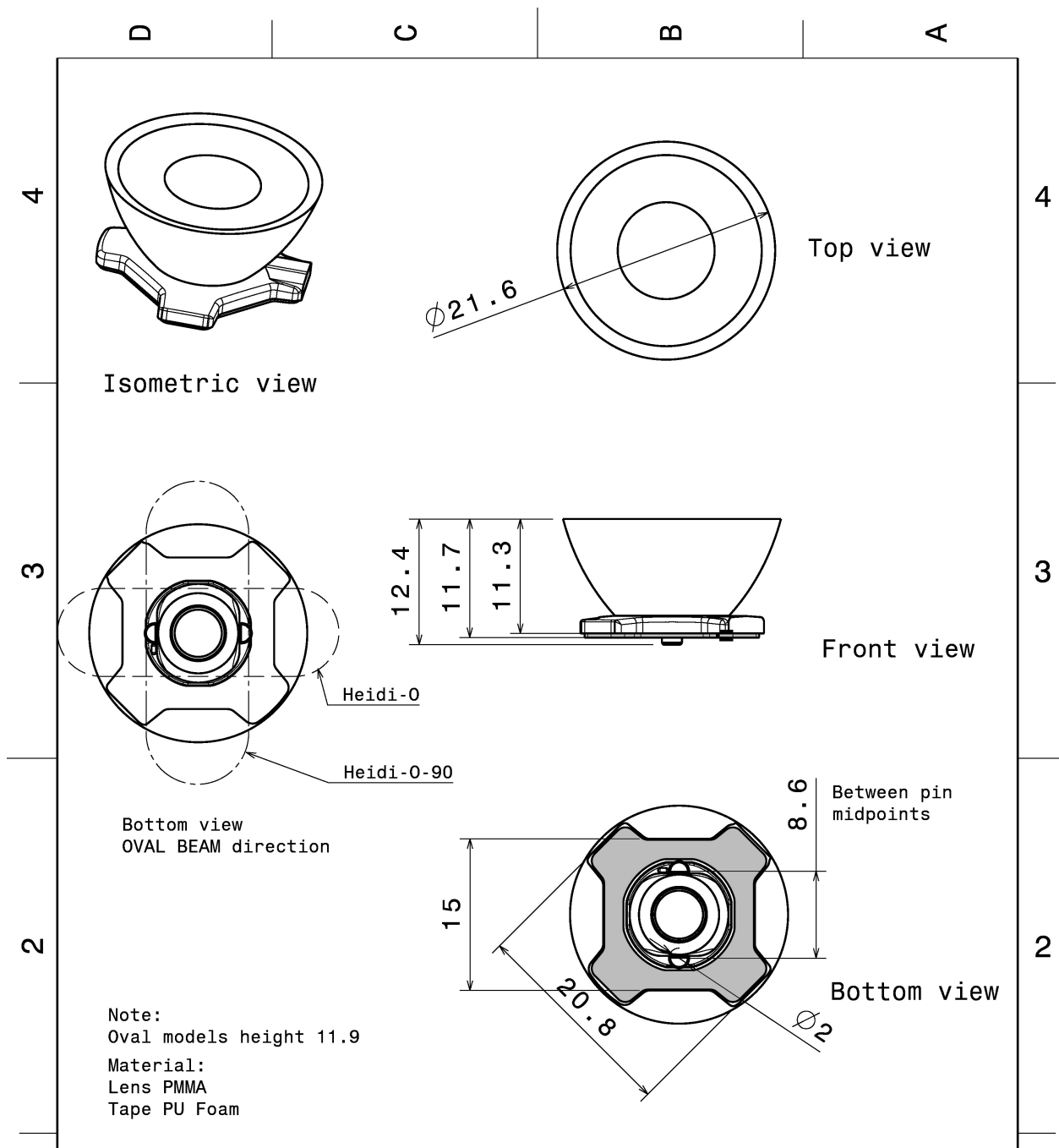
MATERIAL SPECIFICATIONS:

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					





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 Finland

DRAWING TITLE

Datasheet Heidi-Series Ass'y

DRAWN BY
ah

DATE
1.2.2012

CHECKED BY

DATE

SIZE

A4

DRAWING NUMBER

REV

2

DESIGNED BY

DATE

SCALE

2:1

WEIGHT (g)

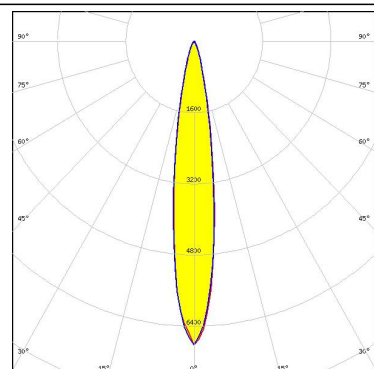
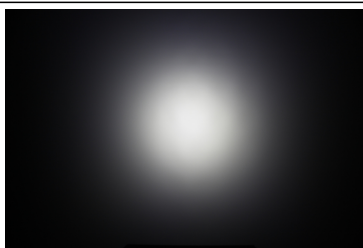
SHEET

1/1

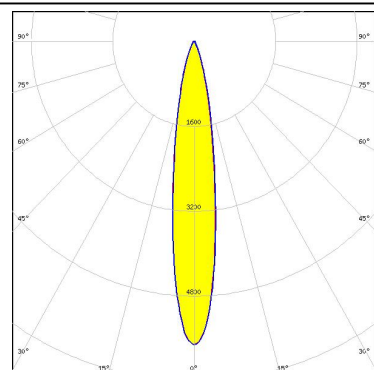
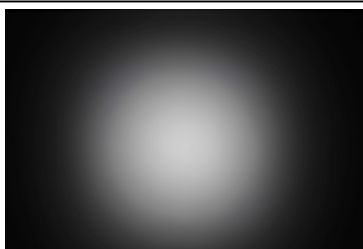
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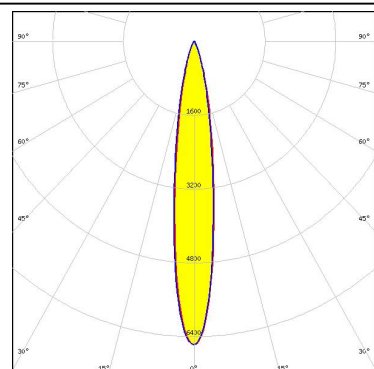
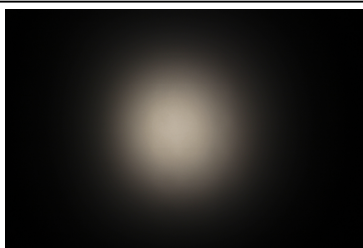
LED XHP35 HD
FWHM 20.0°
Efficiency 83 %
Peak intensity 4.2 cd/Im
LEDs/each optic 1
Light colour White
Required components:



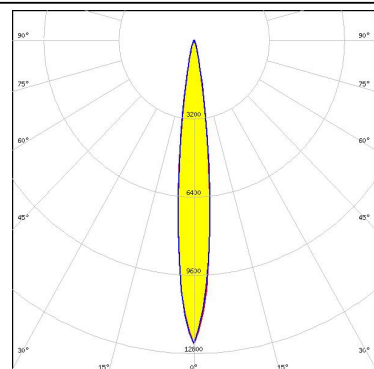
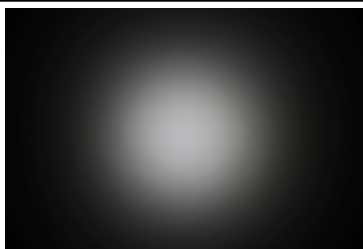
LED XHP35 HI
FWHM 17.0°
Efficiency 94 %
Peak intensity 5.7 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2
FWHM 15.0°
Efficiency 94 %
Peak intensity 6.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



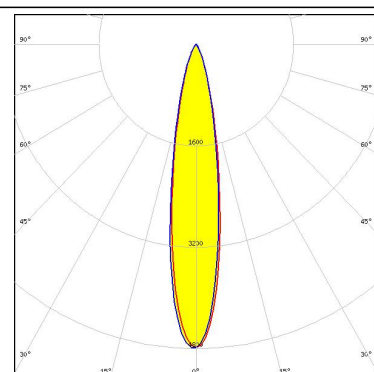
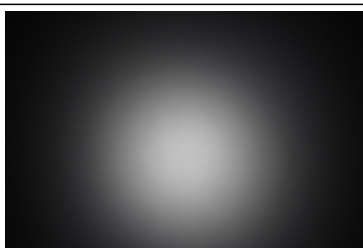
LED XP-G3
FWHM 17.0°
Efficiency 94 %
Peak intensity 5.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



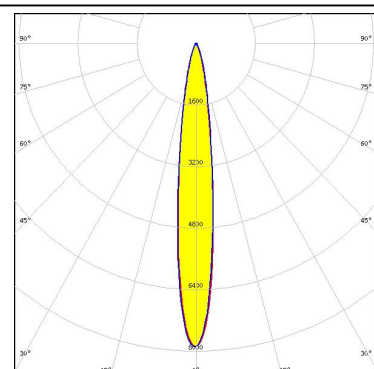
PHOTOMETRIC DATA (MEASURED):



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



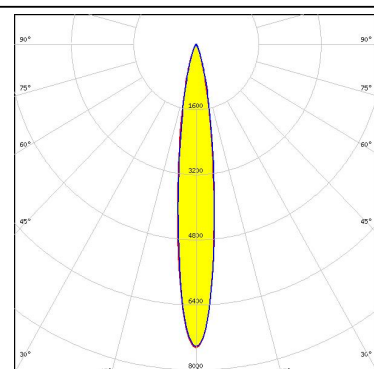
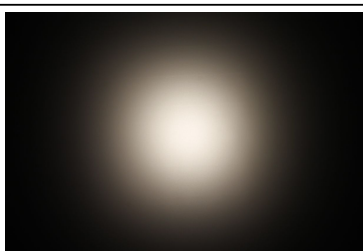
LED XT-E
FWHM 14.0°
Efficiency 94 %
Peak intensity 7.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



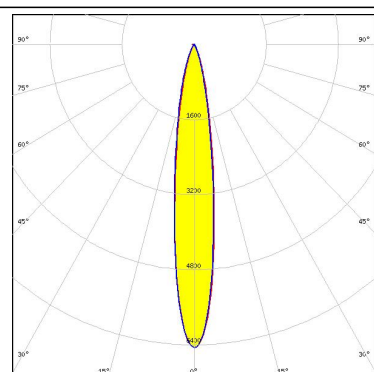
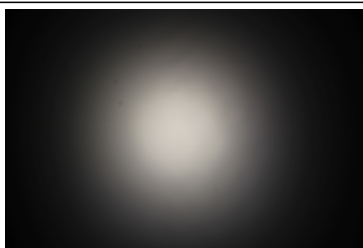
LED LUXEON Rebel
FWHM 14.0°
Efficiency 86 %
Peak intensity 7.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



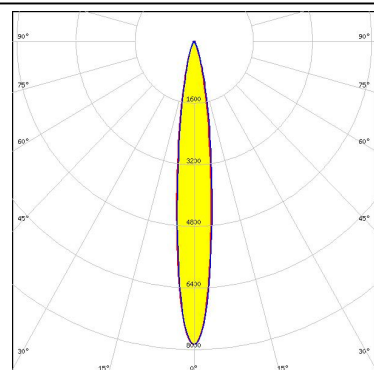
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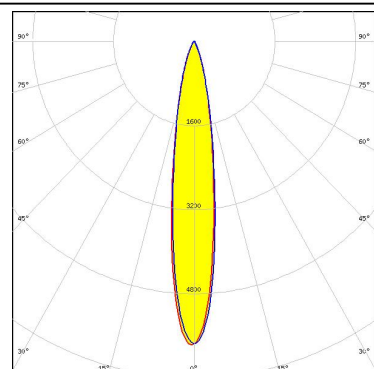
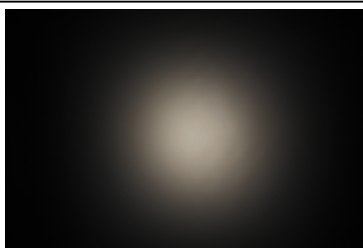
LED LUXEON Rebel ES
FWHM 15.0°
Efficiency 91 %
Peak intensity 6.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



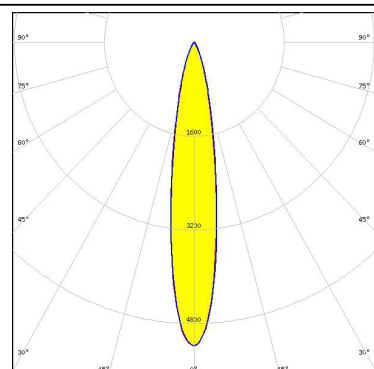
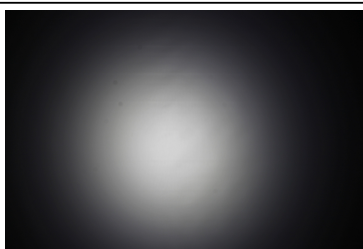
LED SST-10-B130
FWHM 14.0°
Efficiency 93 %
Peak intensity 7.9 cd/lm
LEDs/each optic 1
Light colour Blue
Required components:



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



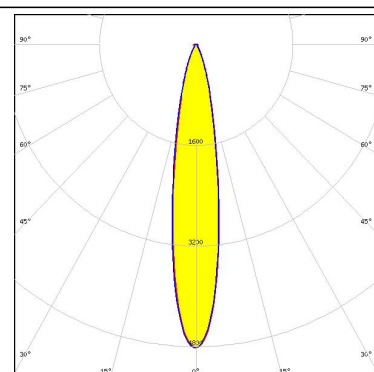
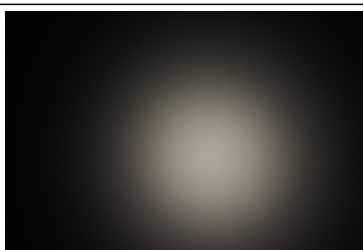
LED NVSW319B
FWHM 18.0°
Efficiency 93 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



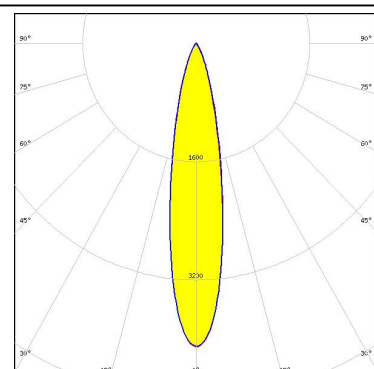
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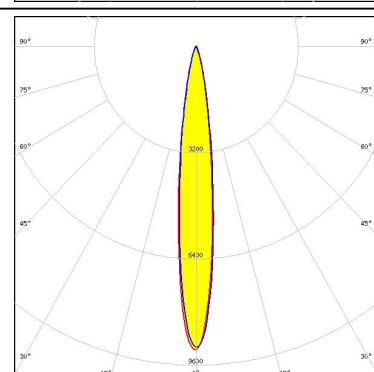
LED NVSW3x9A
FWHM 18.0°
Efficiency 90 %
Peak intensity 4.8 cd/Im
LEDs/each optic 1
Light colour White
Required components:



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

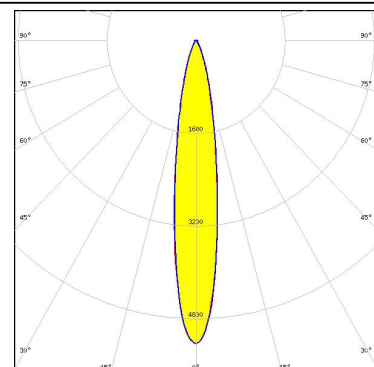


LED OSOLON SSL 150
FWHM 13.0°
Efficiency 87 %
Peak intensity 9.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

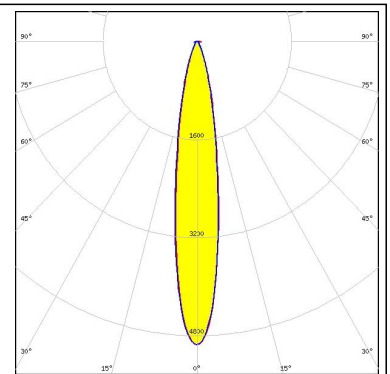
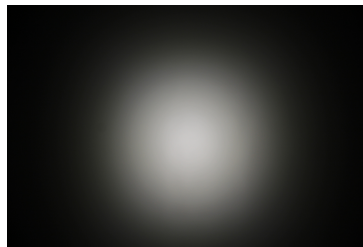
LED Z5M3
FWHM 17.0°
Efficiency 94 %
Peak intensity 5.2 cd/Im
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

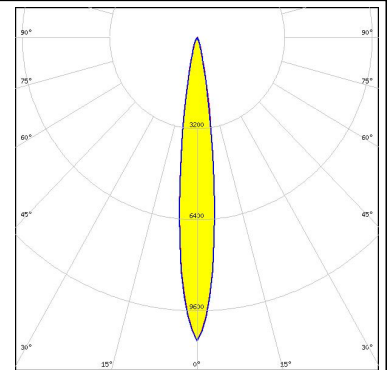
LED Z8Y22P
FWHM 17.0°
Efficiency 92 %
Peak intensity 5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



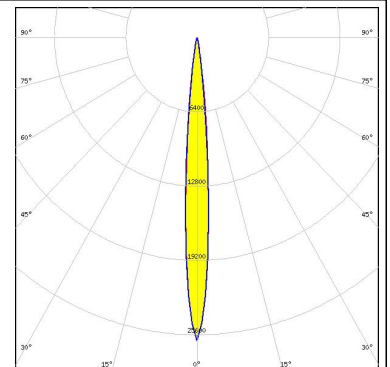
LED XP-G2 HE
FWHM 14.0°
Efficiency 95 %
Peak intensity 10.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



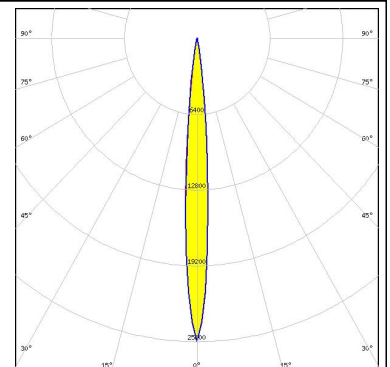
LED LUXEON R
FWHM 12.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



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



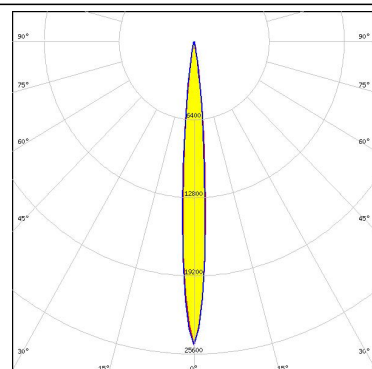
LED LUXEON SunPlus 20 Line (150 deg)
FWHM 8.7°
Efficiency 93 %
Peak intensity 25.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



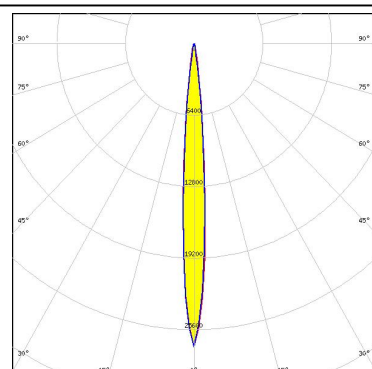
PHOTOMETRIC DATA (SIMULATED):



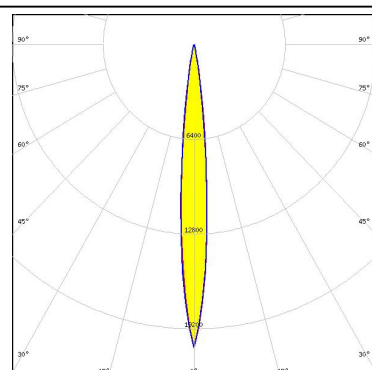
LED LUXEON SunPlus 20 Line (150 deg)
FWHM 8.0°
Efficiency 92 %
Peak intensity 24.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



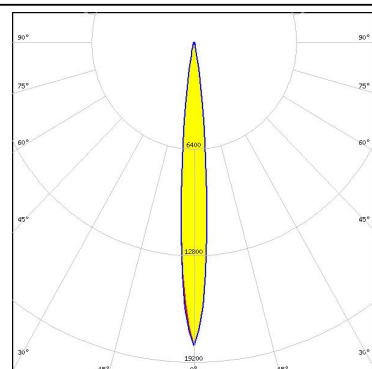
LED LUXEON SunPlus 35 Line
FWHM 8.5°
Efficiency 94 %
Peak intensity 27.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



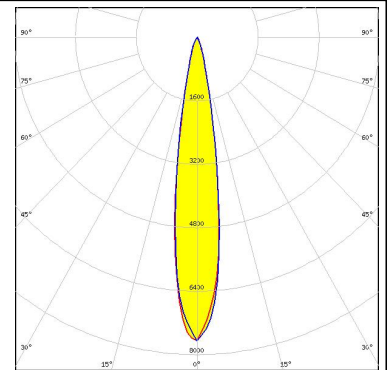
LED NCSxE17A
FWHM 10.0°
Efficiency 92 %
Peak intensity 18.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



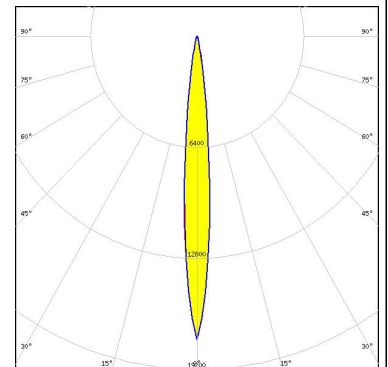
PHOTOMETRIC DATA (SIMULATED):



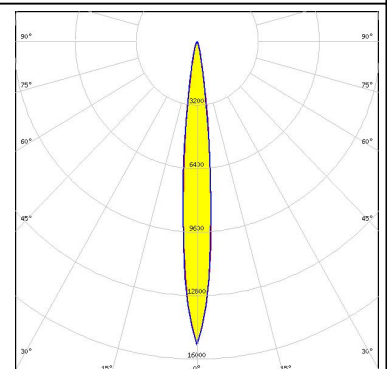
LED NV4WB35AM
FWHM 16.0°
Efficiency 96 %
Peak intensity 7.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxE21A
FWHM 10.0°
Efficiency 94 %
Peak intensity 17.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 3737 Flat
FWHM 11.0°
Efficiency 97 %
Peak intensity 15.3 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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Hong Kong, China

Distribution Partners

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