

HEIDI-RS

~8° spot beam

TECHNICAL SPECIFICATIONS:

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

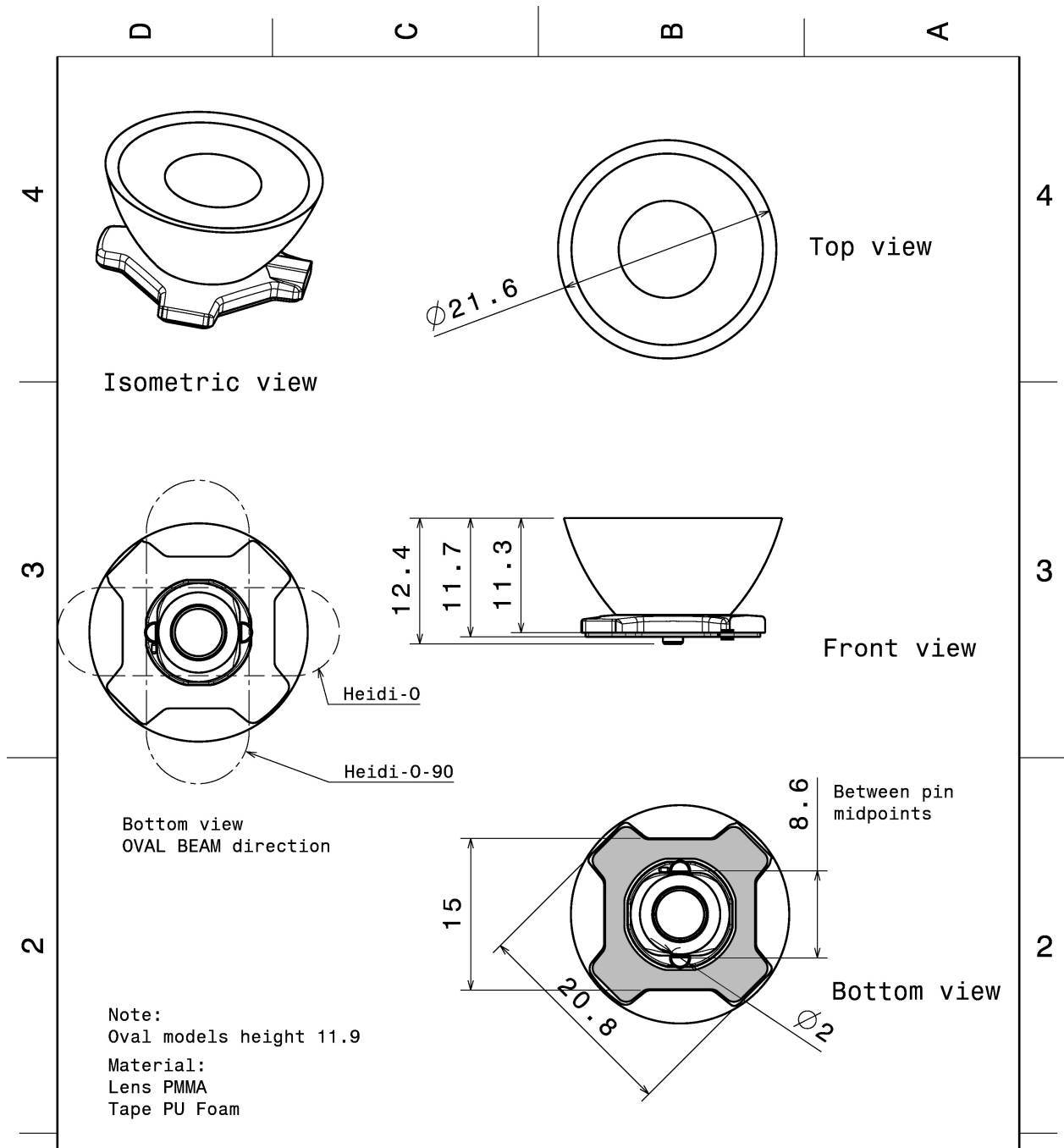
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12537_HEIDI-RS	Single lens	3264	204	204	11.1
» 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)

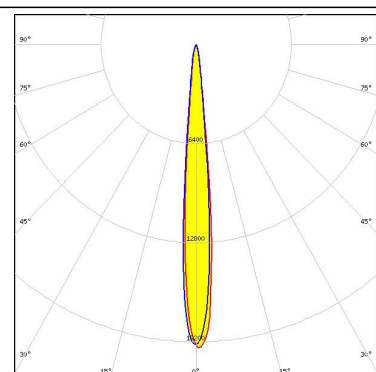
SHEET

1/1

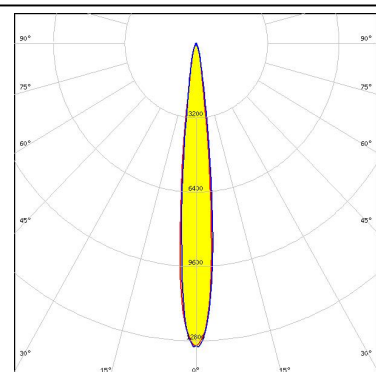
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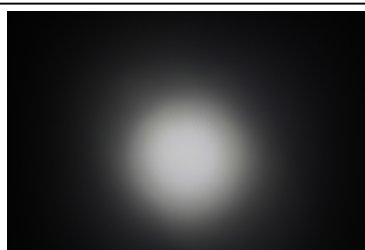
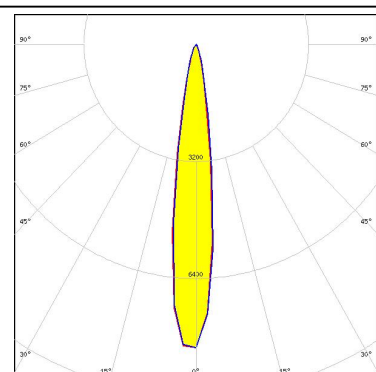
LED XP-G2
FWHM 10.0°
Efficiency 94 %
Peak intensity 20 cd/lm
LEDs/each optic 1
Light colour White
Required components:



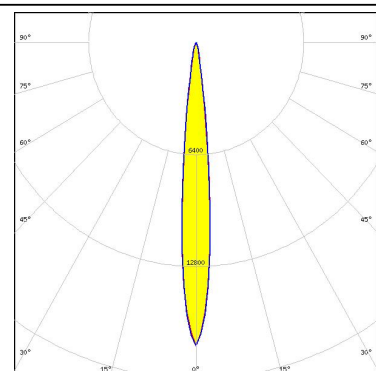
LED XP-G3
FWHM 12.0°
Efficiency 94 %
Peak intensity 13 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-L HD
FWHM 15.0°
Efficiency 89 %
Peak intensity 8.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON A
FWHM 11.0°
Efficiency 87 %
Peak intensity 15.6 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 cd/Im
LEDs/each optic 1
Light colour White
Required components:



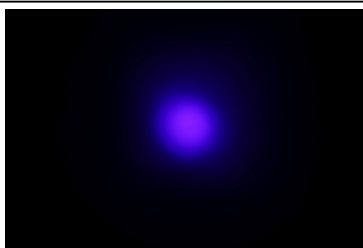
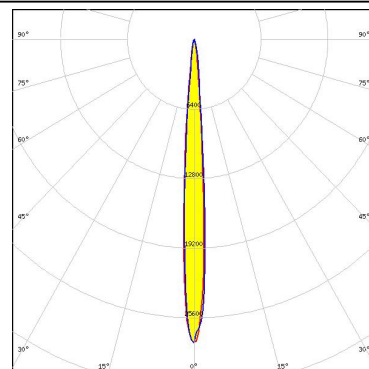
LUMILEDS

LED LUXEON Rebel ES
FWHM 11.0°
Efficiency 86 %
Peak intensity 15.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



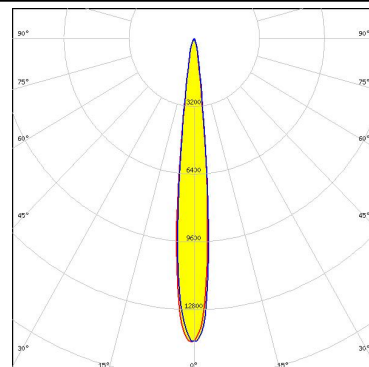
LUMINUS

LED SST-10-B130
FWHM 8.0°
Efficiency 96 %
Peak intensity 27.9 cd/Im
LEDs/each optic 1
Light colour Blue
Required components:



NICHIA

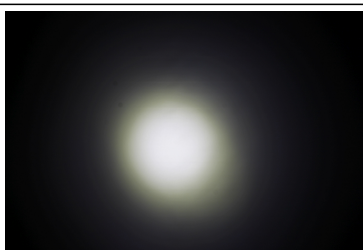
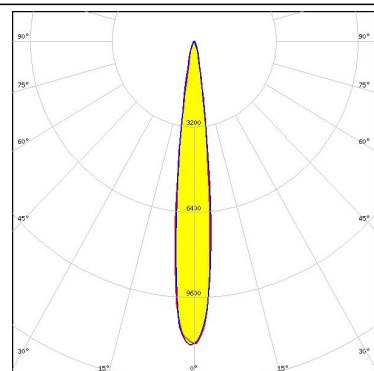
LED NVSW219D
FWHM 11.0°
Efficiency 94 %
Peak intensity 14.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



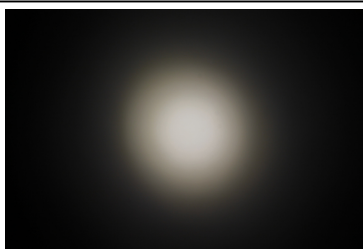
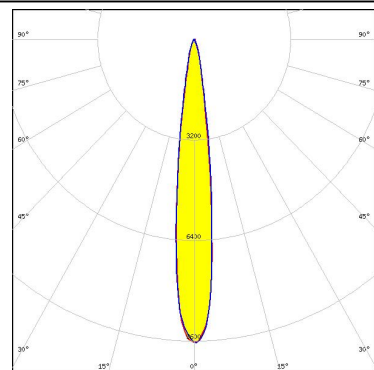
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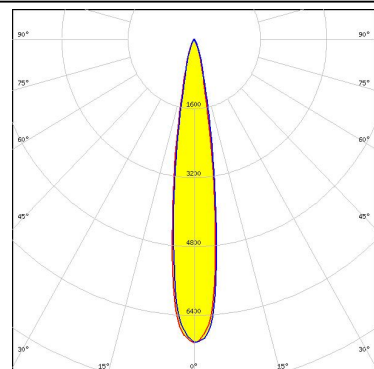
LED NVSW319B
FWHM 13.0°
Efficiency 94 %
Peak intensity 11.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



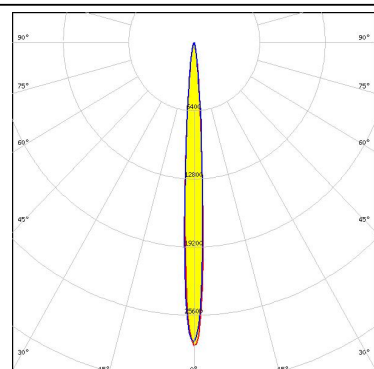
LED NVSW3x9A
FWHM 13.0°
Efficiency 92 %
Peak intensity 9.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NWSx229A
FWHM 16.0°
Efficiency 87 %
Peak intensity 7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLOM SSL 150
FWHM 7.0°
Efficiency 89 %
Peak intensity 28.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



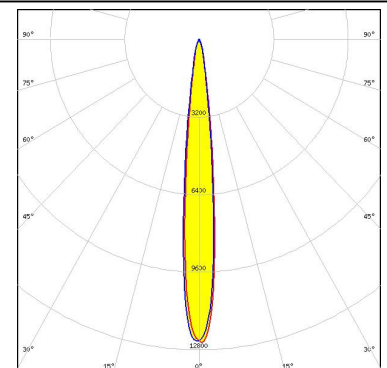
PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED PLPVEC2 850A
FWHM 6.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

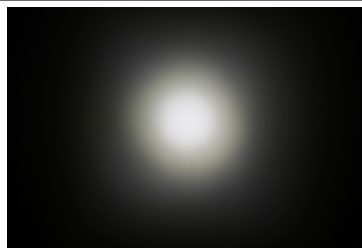
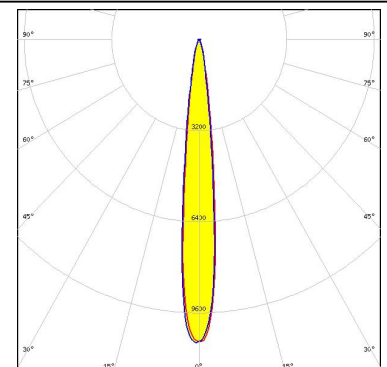
SEOUL
SEMICONDUCTOR

LED Z5M3
FWHM 11.0°
Efficiency 94 %
Peak intensity 12.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL
SEMICONDUCTOR

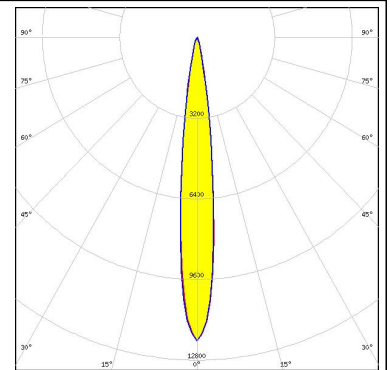
LED Z8Y22P
FWHM 12.0°
Efficiency 94 %
Peak intensity 10.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED XP-G2 HE
FWHM 12.0°
Efficiency 95 %
Peak intensity 12 cd/lm
LEDs/each optic 1
Light colour White
Required components:



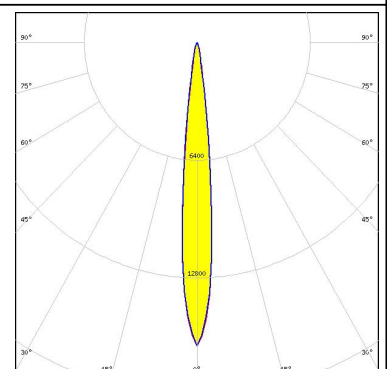
LED LUXEON IR Domed 150
FWHM 11.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:



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



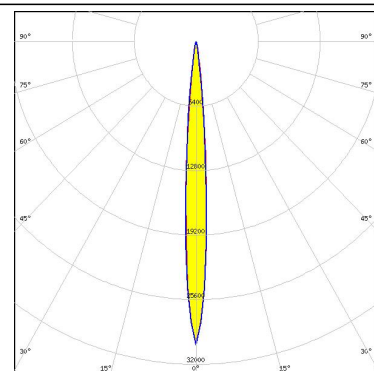
LED LUXEON R
FWHM 11.0°
Efficiency 92 %
Peak intensity 16.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



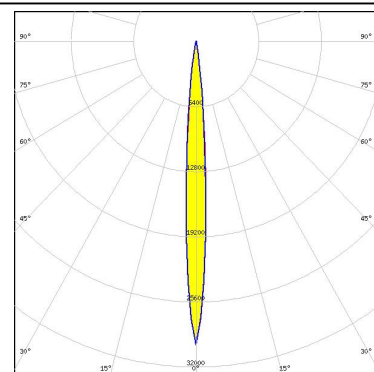
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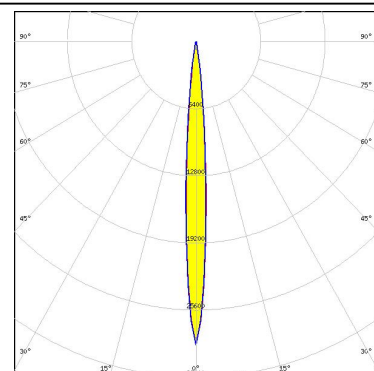
LED LUXEON SunPlus 20 Line (120 deg)
FWHM 8.0°
Efficiency 96 %
Peak intensity 30.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



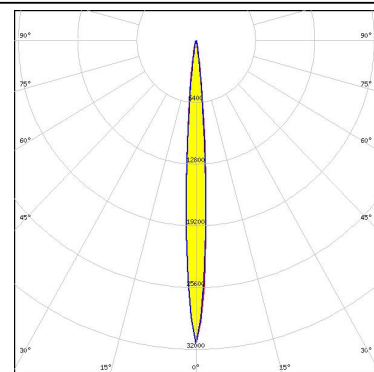
LED LUXEON SunPlus 20 Line (150 deg)
FWHM 7.8°
Efficiency 93 %
Peak intensity 29.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON SunPlus 20 Line (150 deg)
FWHM 8.0°
Efficiency 92 %
Peak intensity 28.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



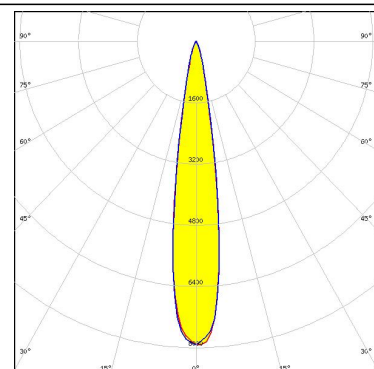
LED LUXEON SunPlus 35 Line
FWHM 7.8°
Efficiency 94 %
Peak intensity 31.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



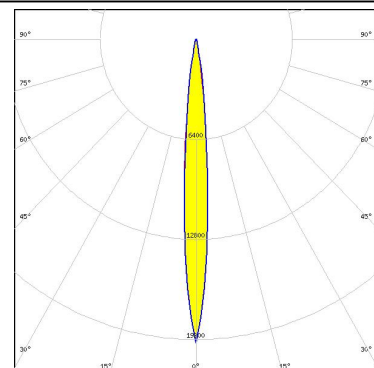
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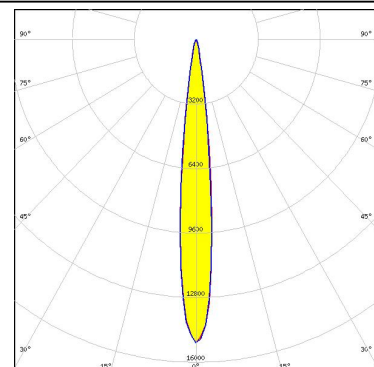
LED NV4WB35AM
FWHM 16.0°
Efficiency 96 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



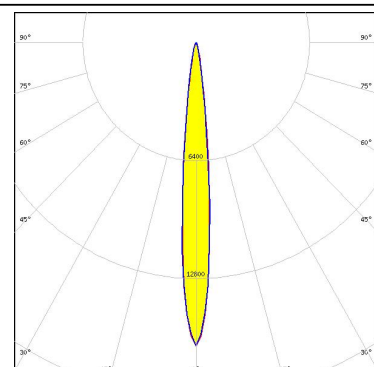
LED NVSxE21A
FWHM 10.0°
Efficiency 94 %
Peak intensity 19.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM 12.0°
Efficiency 95 %
Peak intensity 15 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 3737 Flat
FWHM 10.0°
Efficiency 96 %
Peak intensity 16.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

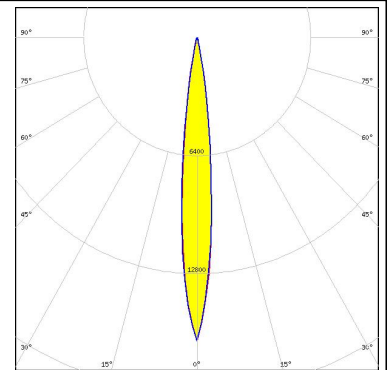


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

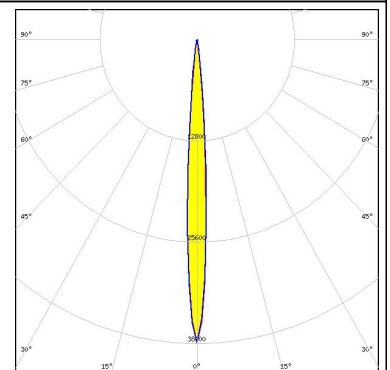
LED OSLON Black
FWHM 11.0°
Efficiency 93 %
Peak intensity 16.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

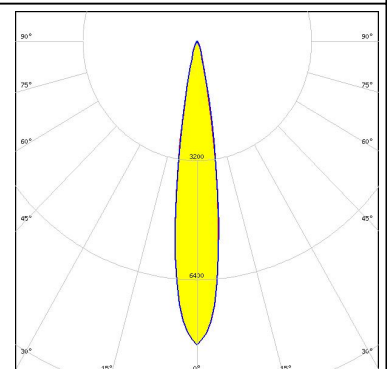
Opto Semiconductors

LED OSLON Black Flat
FWHM 7.3°
Efficiency 94 %
Peak intensity 38.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH351D
FWHM 16.0°
Efficiency 94 %
Peak intensity 8.2 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:

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LEDiL Oy

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