

VERONICA-RS

~12° spot beam

SPECIFICATION:

Dimensions	Ø 26.0 mm
Height	12.2 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

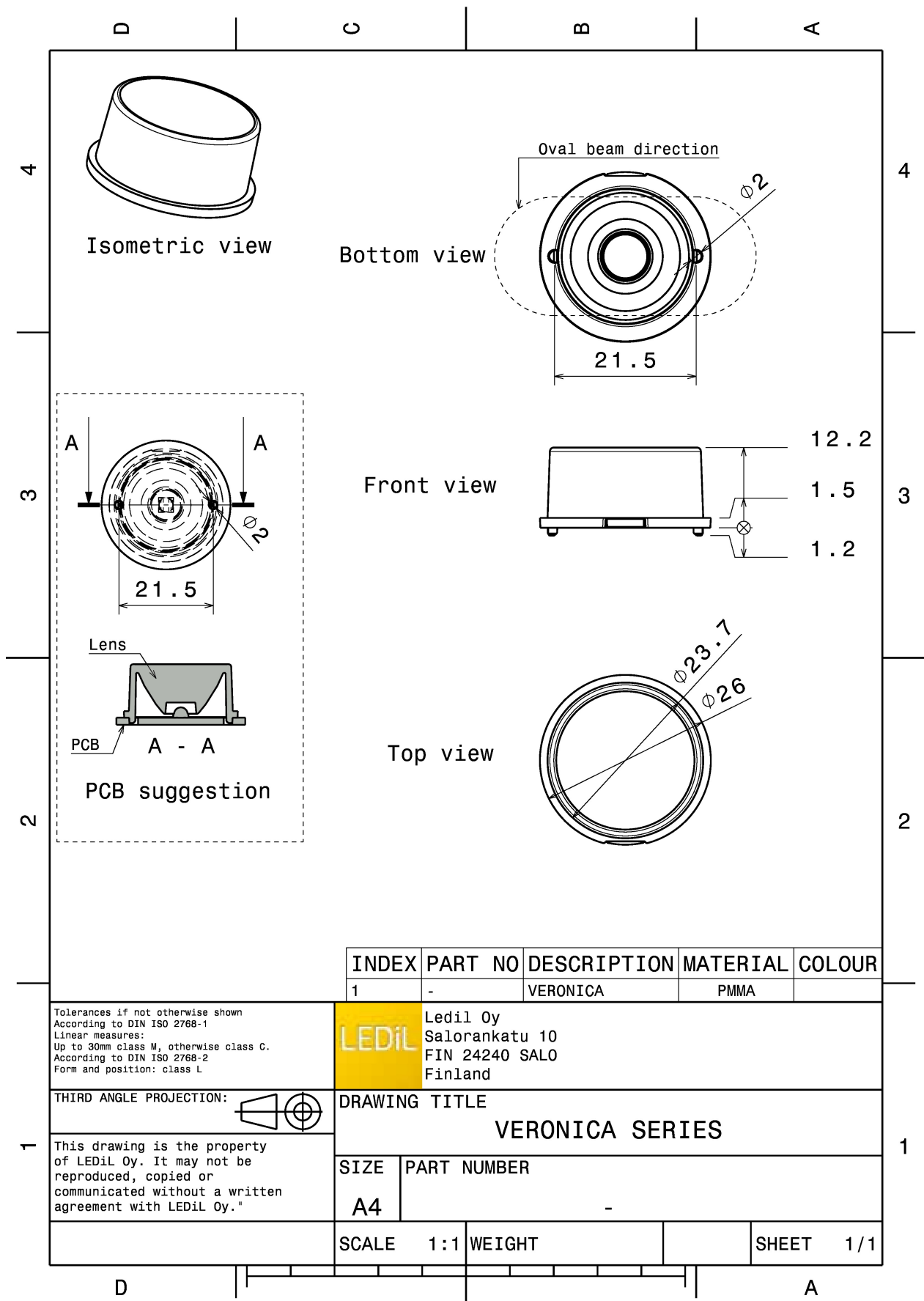
MATERIALS:

Component	Type	Material	Colour	Finish
VERONICA-RS	Single lens	PMMA	clear	



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13528_VERONICA-RS » Box size: 480 x 280 x 300 mm	2240	336	112	11.1

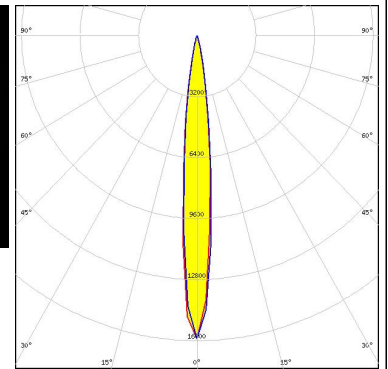
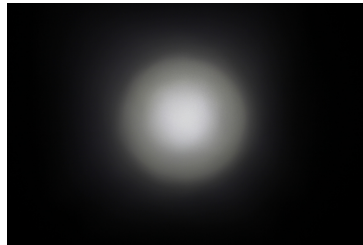


See also our general installation guide: www.ledil.com/installation_guide

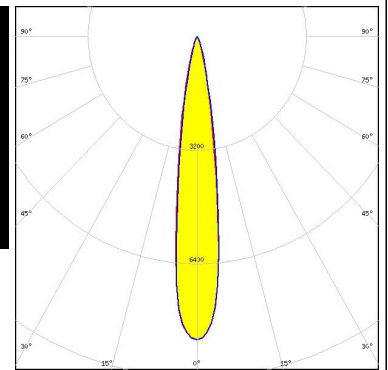
OPTICAL RESULTS (MEASURED):



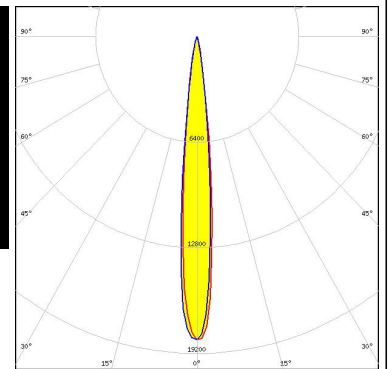
LED XB-H
FWHM / FWTM 11.0° / 24.0°
Efficiency 89 %
Peak intensity 15.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



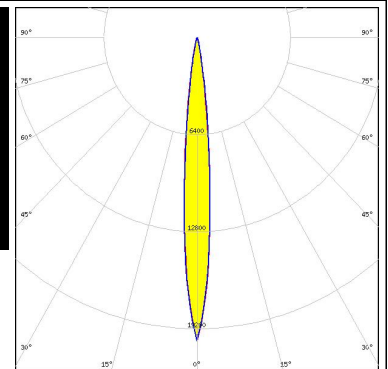
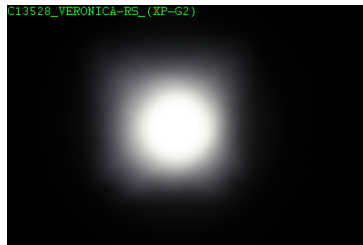
LED XM-L2
FWHM / FWTM 16.0° / 32.0°
Efficiency 90 %
Peak intensity 8.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G
FWHM / FWTM 12.0° / 22.0°
Efficiency 90 %
Peak intensity 18.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



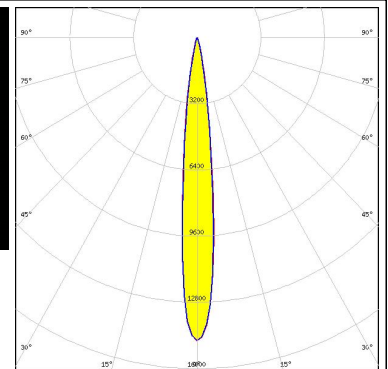
LED XP-G2
FWHM / FWTM 10.0° / 21.0°
Efficiency 90 %
Peak intensity 19 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

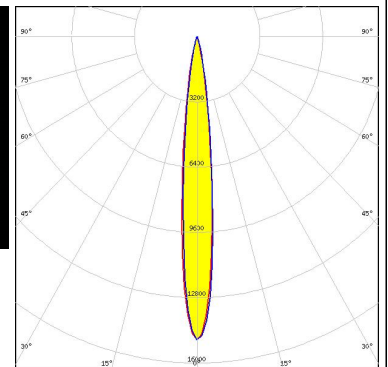
LUMILEDS

LED LUXEON A
FWHM / FWTM 13.0° / 25.0°
Efficiency 89 %
Peak intensity 14.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



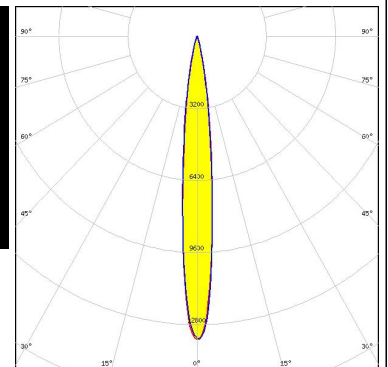
LUMILEDS

LED LUXEON Rebel
FWHM / FWTM 12.0° / 25.0°
Efficiency 88 %
Peak intensity 14.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



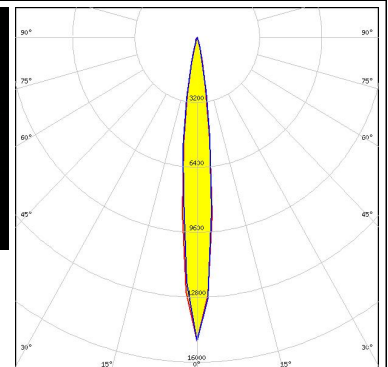
LUMILEDS

LED LUXEON V2
FWHM / FWTM 12.0° / 25.0°
Efficiency 94 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

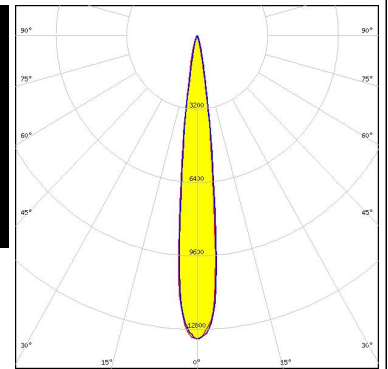
LED NCSxx19A
FWHM / FWTM 13.0° / 25.0°
Efficiency 86 %
Peak intensity 15 cd/lm
LEDs/each optic 1
Light colour White
Required components:



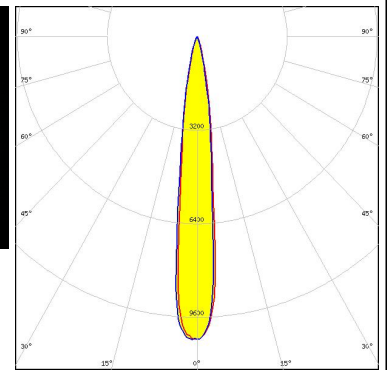
OPTICAL RESULTS (MEASURED):



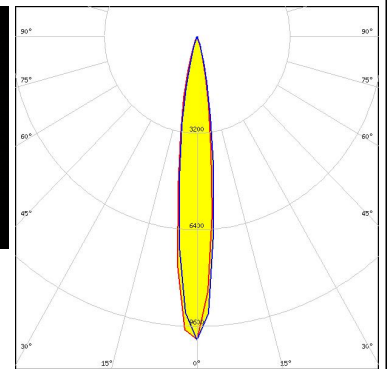
LED NVSW219F
FWHM / FWTM 13.0° / 24.0°
Efficiency 94 %
Peak intensity 13.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



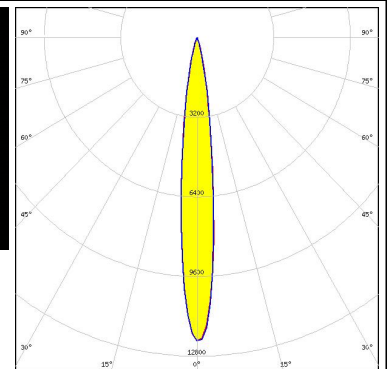
LED NVSW3x9A
FWHM / FWTM 13.0° / 28.0°
Efficiency 89 %
Peak intensity 10.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19A
FWHM / FWTM 14.0° / 31.0°
Efficiency 85 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour White
Required components:



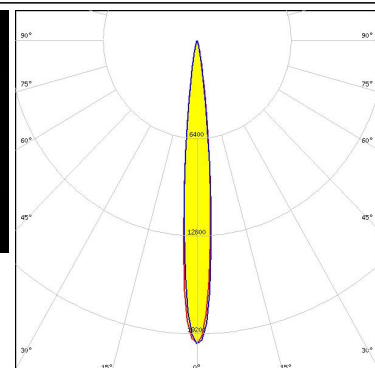
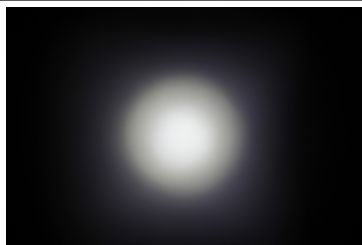
LED NVSxx19B/NVSxx19C
FWHM / FWTM 13.0° / 28.0°
Efficiency 87 %
Peak intensity 12.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



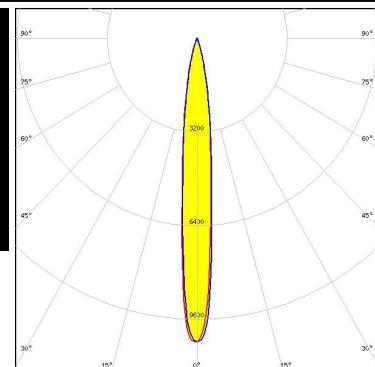
OPTICAL RESULTS (MEASURED):

SAMSUNG

LED LH351Z
FWHM / FWTM 11.0° / 21.0°
Efficiency 89 %
Peak intensity 19.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



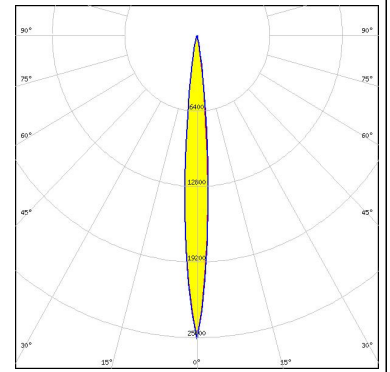
LED Z8Y22P
FWHM / FWTM 11.0° / 29.0°
Efficiency 87 %
Peak intensity 10.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



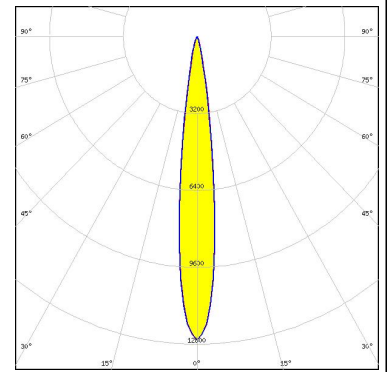
OPTICAL RESULTS (SIMULATED):



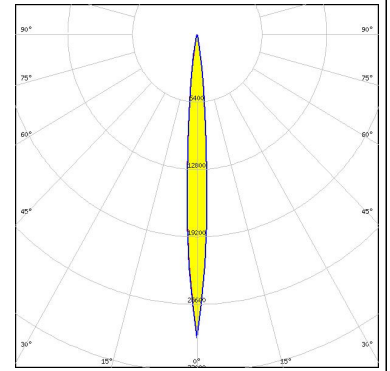
LED XP-E2
FWHM / FWTM 9.0° / 19.0°
Efficiency 96 %
Peak intensity 25.7 cd/lm
LEDs/each optic 1
Light colour Amber
Required components:



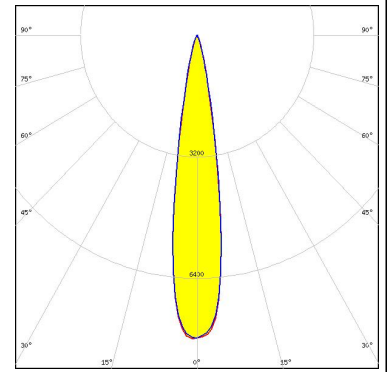
LED XP-G2 HE
FWHM / FWTM 14.0° / 26.0°
Efficiency 97 %
Peak intensity 12.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NCSxE17A
FWHM / FWTM 8.0° / 18.0°
Efficiency 94 %
Peak intensity 28.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



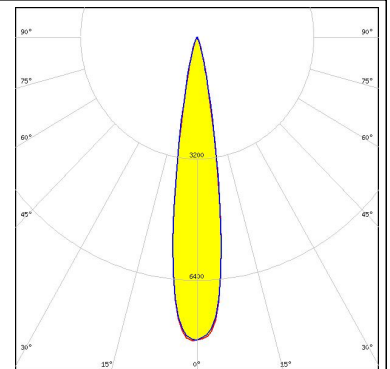
LED NV4WB35AM
FWHM / FWTM 18.0° / 31.0°
Efficiency 97 %
Peak intensity 8.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



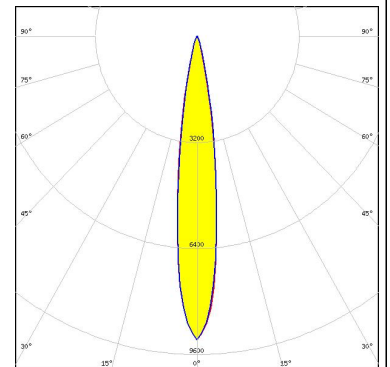
OPTICAL RESULTS (SIMULATED):



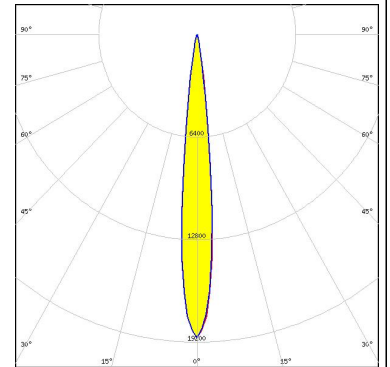
LED NV4WB35AM
 FWHM / FWTM 18.0° / 31.0°
 Efficiency 96 %
 Peak intensity 8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



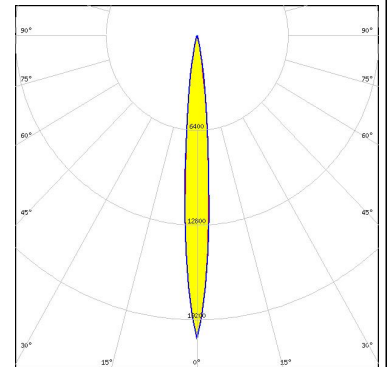
LED NVSW519A
 FWHM / FWTM 16.0 + 15.0° / 30.0 + 29.0°
 Efficiency 95 %
 Peak intensity 9.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSW719AC
 FWHM / FWTM 12.0° / 20.0°
 Efficiency 96 %
 Peak intensity 18.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxE21A
 FWHM / FWTM 10.0° / 21.0°
 Efficiency 95 %
 Peak intensity 20.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

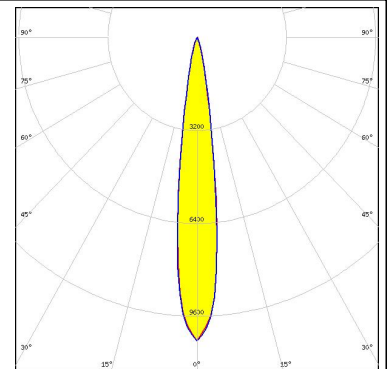


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

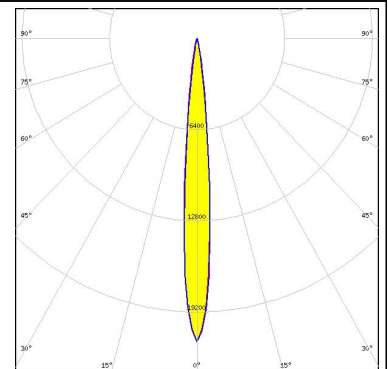
LED OSCONIQ P 3737 (3W version)
 FWHM / FWTM 15.0° / 28.0°
 Efficiency 94 %
 Peak intensity 10.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 9.9° / 20.0°
 Efficiency 94 %
 Peak intensity 21.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



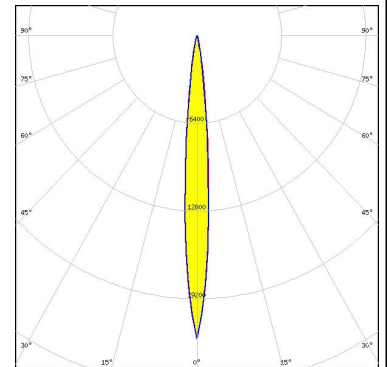
SAMSUNG

LED LH351B
 FWHM / FWTM 12.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:

SEOUL

SEOUL SEMICONDUCTOR

LED MJT 3030
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 96 %
 Peak intensity 22.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):



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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