

VIRPI-S

~15° spot beam

SPECIFICATION:

| | |
|----------------|----------------|
| Dimensions | 74.9 x 74.9 mm |
| Height | 9.5 mm |
| Fastening | glue, pin |
| ROHS compliant | yes ⓘ |

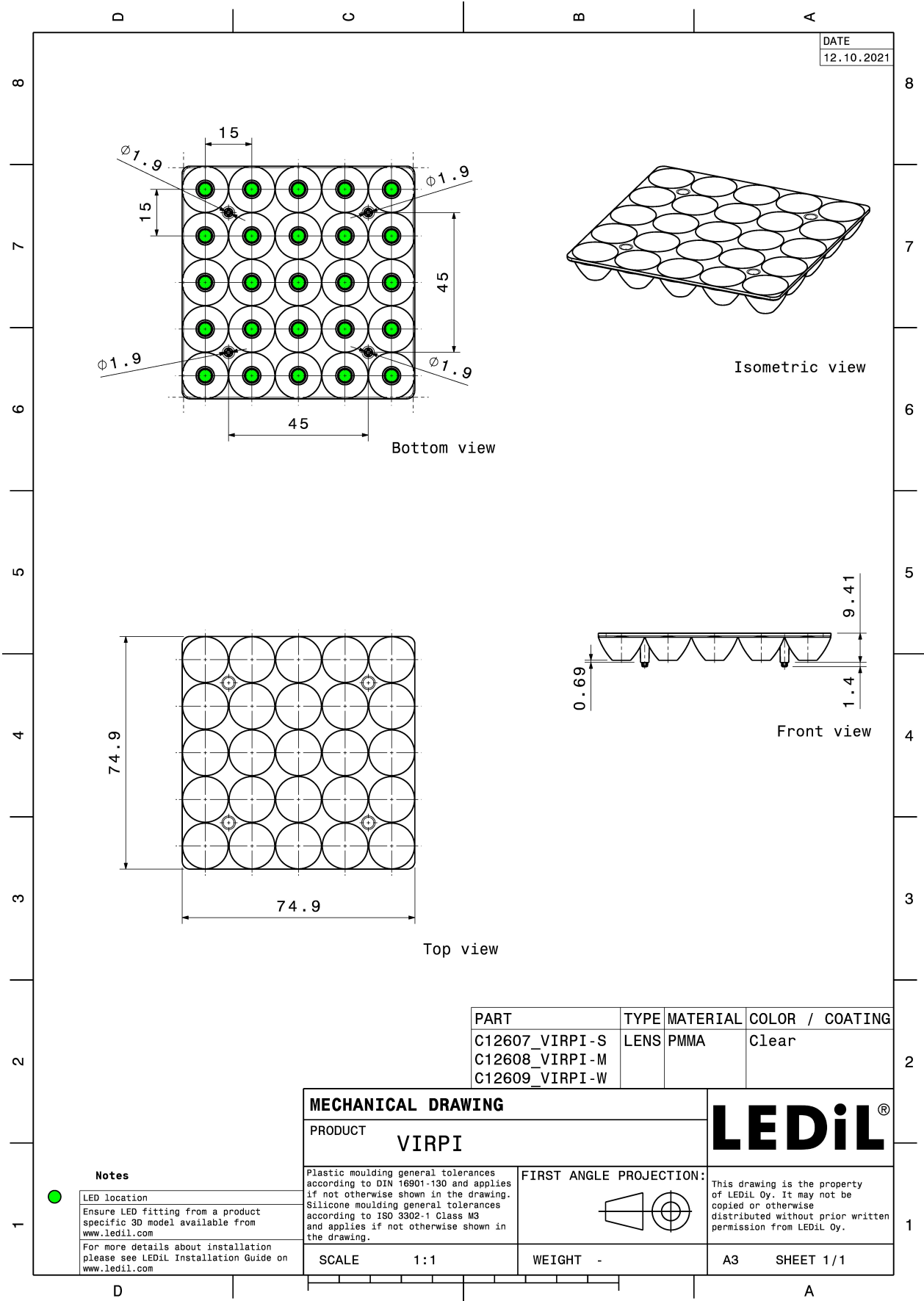
MATERIALS:

| Component | Type | Material | Colour | Finish |
|-----------|------------|----------|--------|--------|
| VIRPI-S | Multi-lens | PMMA | clear | |

ORDERING INFORMATION:

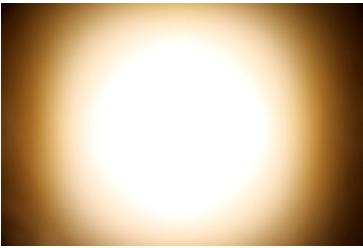
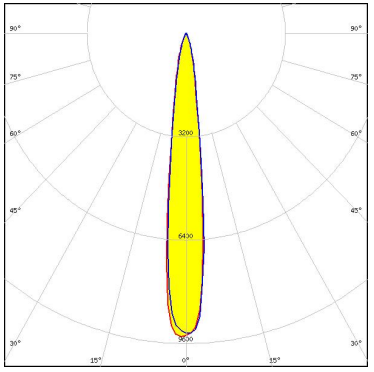
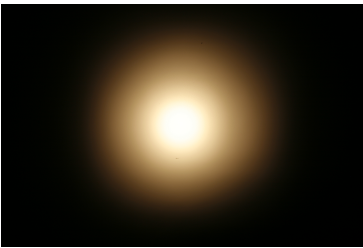
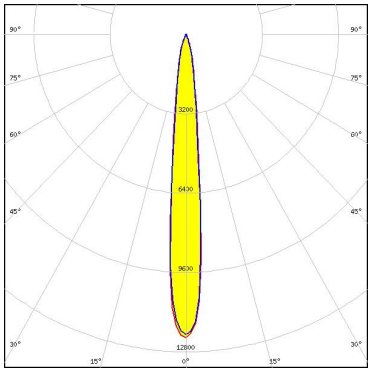
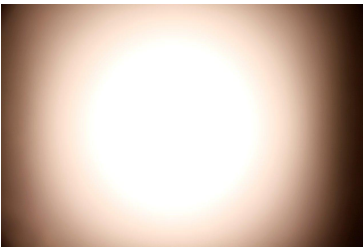
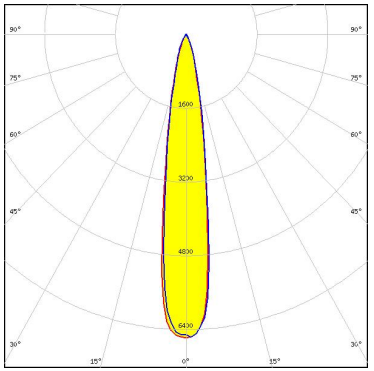

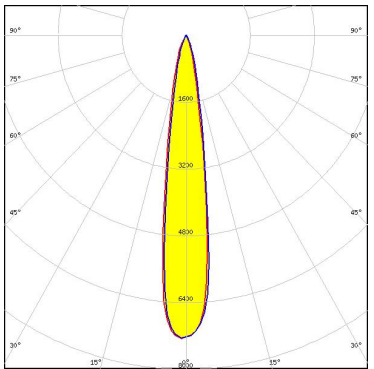
| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|------------|-----|-----|-----------------|
| C12607_VIRPI-S » Box size: 480 x 280 x 300 mm | 360 | 45 | 15 | 12.0 |





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

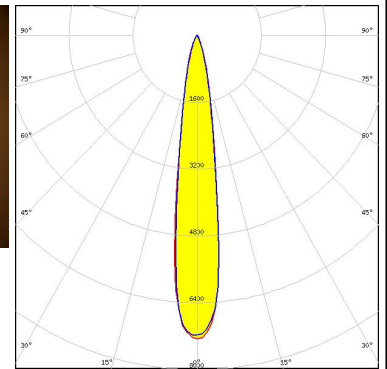
OPTICAL RESULTS (MEASURED):

| | | |
|--|--|---|
| <p>CREE LEDs</p> <p>LED XB-D FWHM / FWTM 13.0° / 30.0° Efficiency 92 % Peak intensity 9.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE LEDs</p> <p>LED XP-E2 FWHM / FWTM 11.0° / 27.0° Efficiency 94 % Peak intensity 12.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE LEDs</p> <p>LED XP-G FWHM / FWTM 16.0° / 36.0° Efficiency 94 % Peak intensity 6.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE LEDs</p> <p>LED XP-G2 FWHM / FWTM 16.0° / 34.0° Efficiency 94 % Peak intensity 7.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |

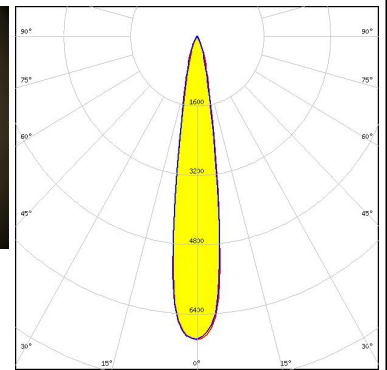
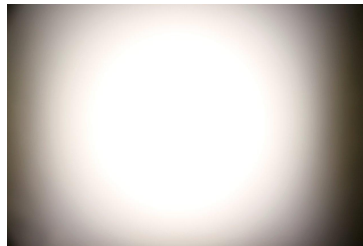
OPTICAL RESULTS (MEASURED):



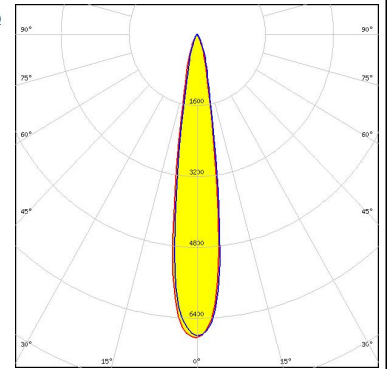
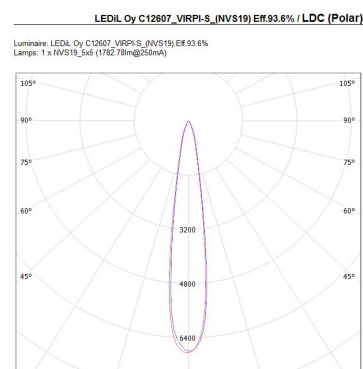
LED XT-E
 FWHM / FWTM 15.0° / 34.0°
 Efficiency 94 %
 Peak intensity 7.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



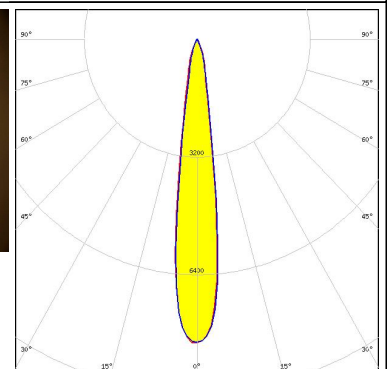
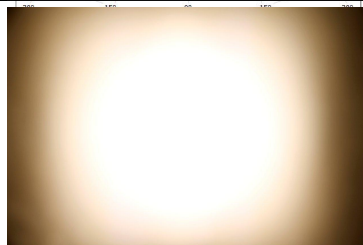
LED LUXEON Rebel ES
 FWHM / FWTM 16.0° / 29.0°
 Efficiency 94 %
 Peak intensity 6.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxx19A
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 93 %
 Peak intensity 6.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



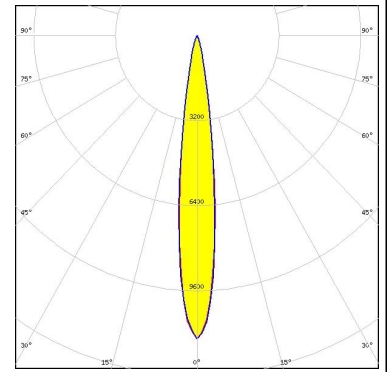
LED OSLON Square EC
 FWHM / FWTM 15.0° / 31.0°
 Efficiency 94 %
 Peak intensity 8.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



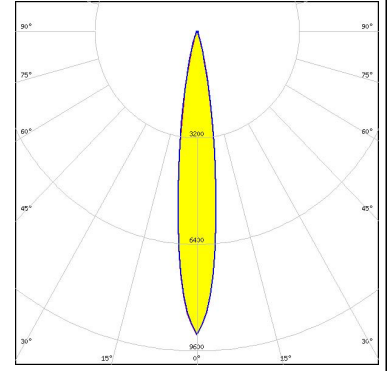
OPTICAL RESULTS (SIMULATED):



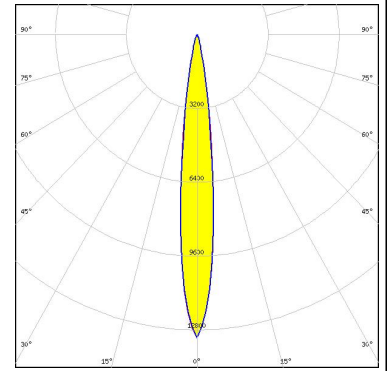
LED J Series 3030
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 95 %
 Peak intensity 11.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



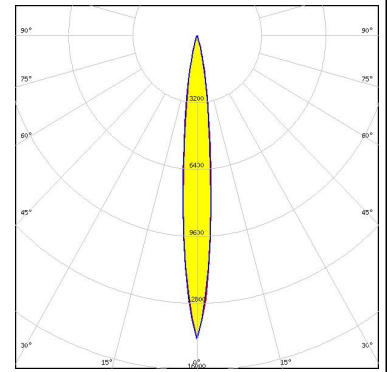
LED XD16
 FWHM / FWTM 14.0° / 30.0°
 Efficiency 94 %
 Peak intensity 9.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON 2835 Line
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 95 %
 Peak intensity 13.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



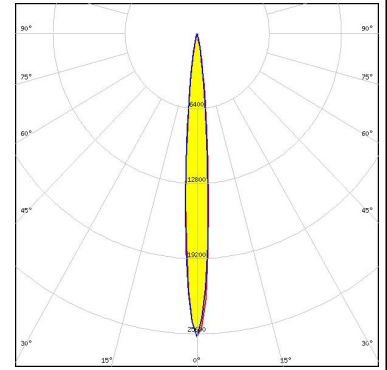
LED LUXEON C
 FWHM / FWTM 11.0° / 25.0°
 Efficiency 86 %
 Peak intensity 14.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

LUMILEDS

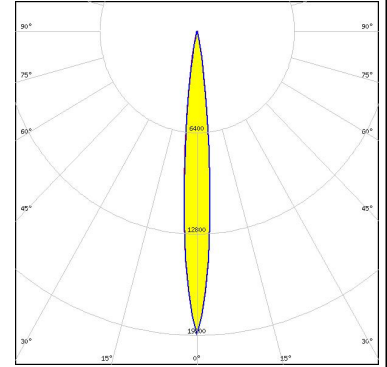
LED LUXEON CZ
 FWHM / FWTM 8.8° / 19.0°
 Efficiency 94 %
 Peak intensity 26 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

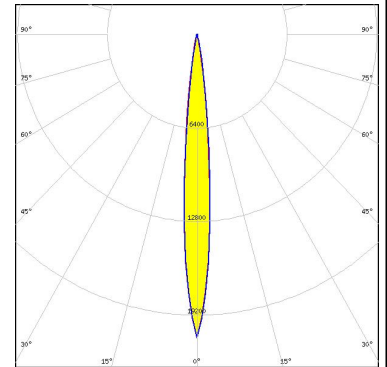
LED LUXEON HL1Z
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 88 %
 Peak intensity 19.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



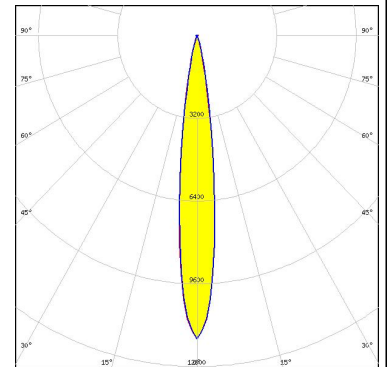
LUMILEDS

LED LUXEON HL1Z
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 96 %
 Peak intensity 20.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

LED LUXEON HL2Z
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 97 %
 Peak intensity 11.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

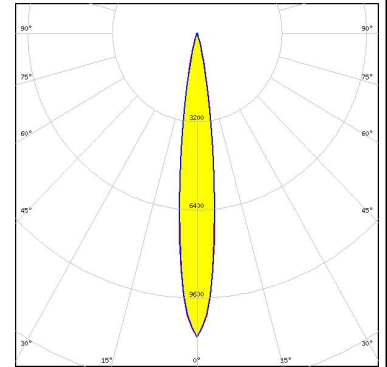


OPTICAL RESULTS (SIMULATED):

LUMILEDS

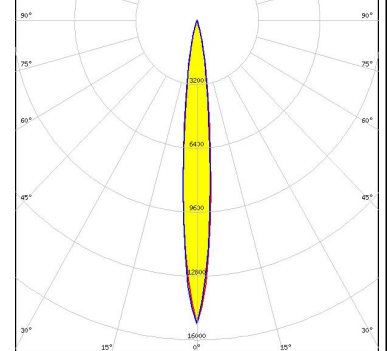
LED LUXEON HL2Z
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 90 %
 Peak intensity 11 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



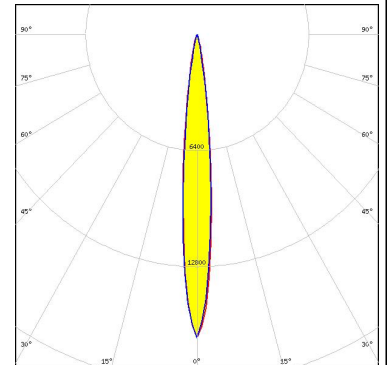
LUMILEDS

LED LUXEON SunPlus 20 Line (150 deg)
 FWHM / FWTM 13.0° / 25.0°
 Efficiency 88 %
 Peak intensity 15.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



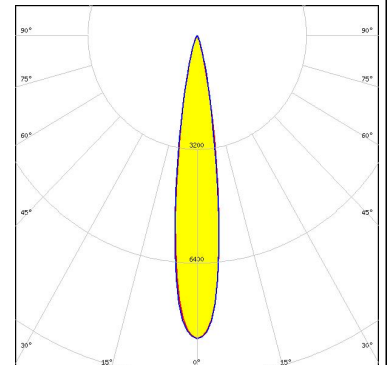
LUMILEDS

LED LUXEON SunPlus 35 Line
 FWHM / FWTM 12.0° / 23.0°
 Efficiency 94 %
 Peak intensity 16 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

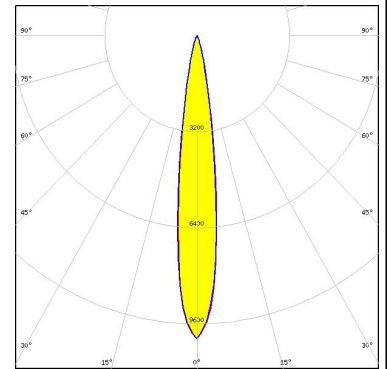
LED LUXEON T
 FWHM / FWTM 16.0° / 31.0°
 Efficiency 93 %
 Peak intensity 8.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

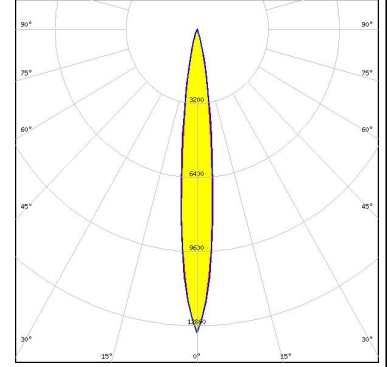
LUMILEDS

LED LUXEON TX
 FWHM / FWTM 15.0° / 29.0°
 Efficiency 91 %
 Peak intensity 10.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



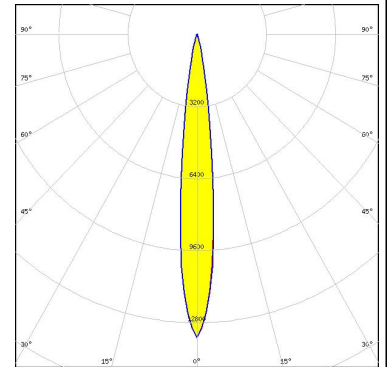
LUMINUS

LED SST-10-B130
 FWHM / FWTM 12.0° / 27.0°
 Efficiency 95 %
 Peak intensity 13.1 cd/lm
 LEDs/each optic 1
 Light colour Red
 Required components:



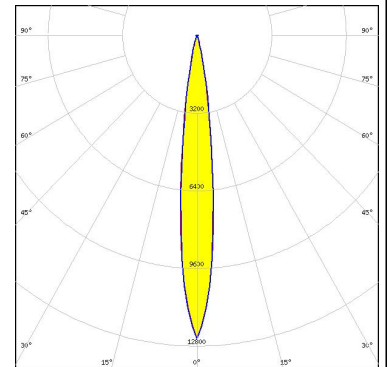
LUMINUS

LED SST-20
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 95 %
 Peak intensity 13.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

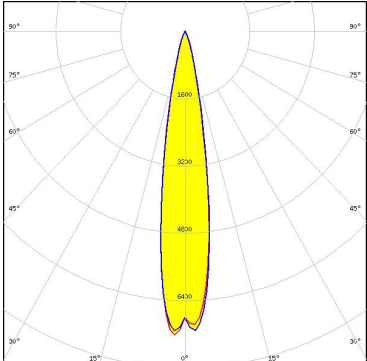
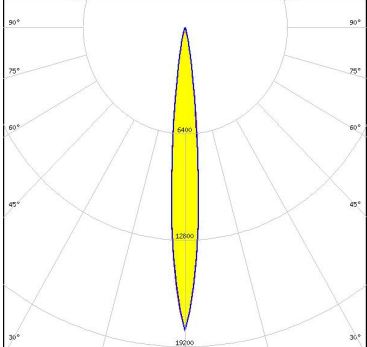
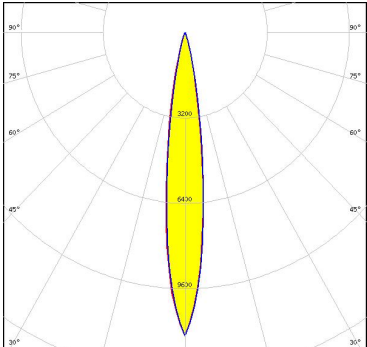
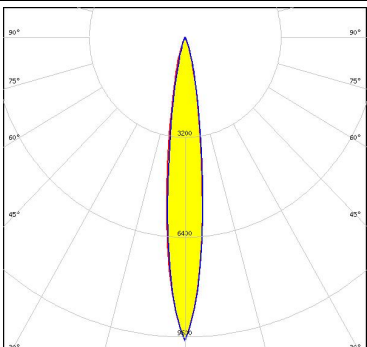


NICHIA

LED NVSxE21A
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 95 %
 Peak intensity 12.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

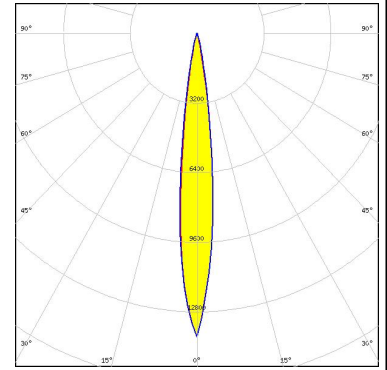
| | |
|---|---|
| <p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 18.0° / 33.0° Efficiency 94 % Peak intensity 7.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3030 FWHM / FWTM 10.0° / 22.0° Efficiency 95 % Peak intensity 18.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED OSOLON SSL 150 FWHM / FWTM 14.0° / 28.0° Efficiency 96 % Peak intensity 11.4 cd/lm LEDs/each optic 1 Light colour Red Required components:</p> |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED OSOLON SSL 80 FWHM / FWTM 14.0° / 30.0° Efficiency 95 % Peak intensity 9.7 cd/lm LEDs/each optic 1 Light colour Red Required components:</p> |  |

OPTICAL RESULTS (SIMULATED):

OSRAM

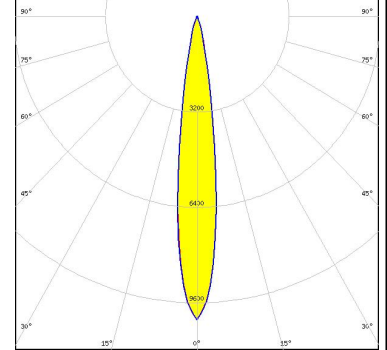
Opto Semiconductors

LED SFH 4715AS
 FWHM / FWTM 13.0° / 24.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour IR
 Required components:



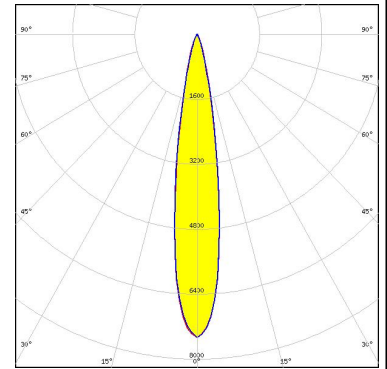
SAMSUNG

LED LH181B
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 95 %
 Peak intensity 10.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



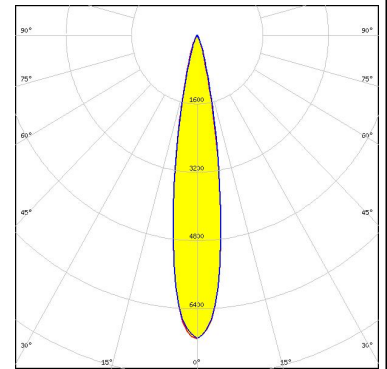
SAMSUNG

LED LH351B
 FWHM / FWTM 17.0° / 33.0°
 Efficiency 97 %
 Peak intensity 7.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

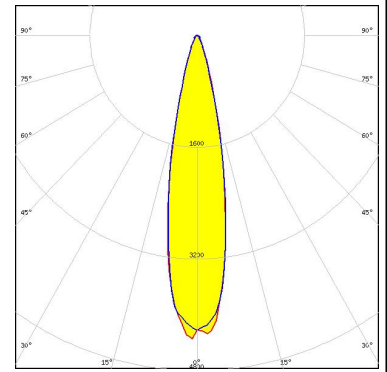
LED LH351C
 FWHM / FWTM 18.0° / 34.0°
 Efficiency 97 %
 Peak intensity 7.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

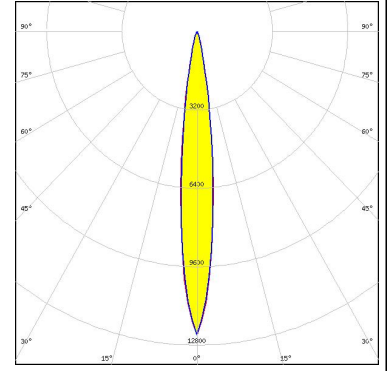
SAMSUNG

LED LH351D
 FWHM / FWTM 22.0° / 42.0°
 Efficiency 96 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



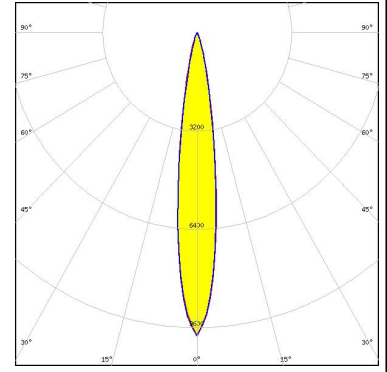
SAMSUNG

LED LM301B
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 96 %
 Peak intensity 12.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



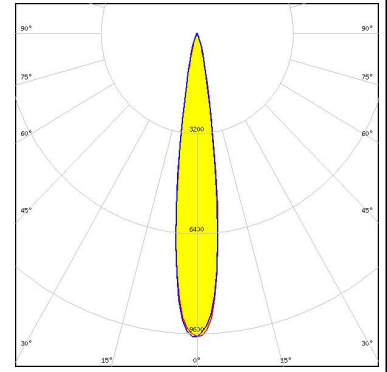
SEOUL SEMICONDUCTOR

LED SEOUL DC 3030
 FWHM / FWTM 14.9° / 29.9°
 Efficiency 94 %
 Peak intensity 9.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
 FWHM / FWTM 15.0° / 29.0°
 Efficiency 98 %
 Peak intensity 9.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

| | |
|--|--|
| <p> SEUL SEMICONDUCTOR</p> <p>LED Z8Y19</p> <p>FWHM / FWTM 14.0° / 26.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 11.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |
| <p> SEUL SEMICONDUCTOR</p> <p>LED Z8Y22</p> <p>FWHM / FWTM 16.9° / 33.1°</p> <p>Efficiency 94 %</p> <p>Peak intensity 7.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |