

STRADELLA-IP-28-HB-M-PC

~65° medium beam. Variant made from PC.

SPECIFICATION:

| | |
|----------------------------|------------------|
| Dimensions | 100.0 x 100.0 mm |
| Height | 9.5 mm |
| Fastening | pin, screw |
| Ingress protection classes | IP66, IP67 |
| ROHS compliant | yes ⓘ |

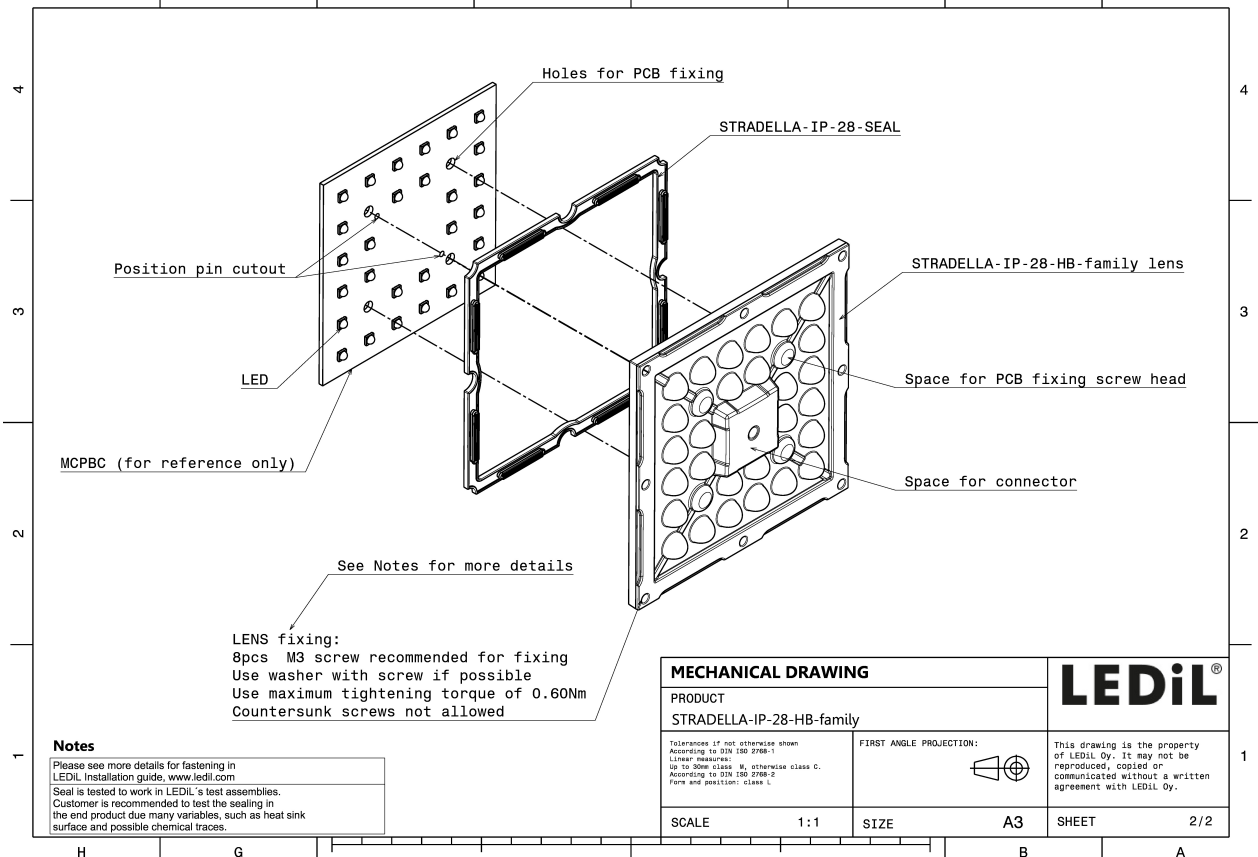
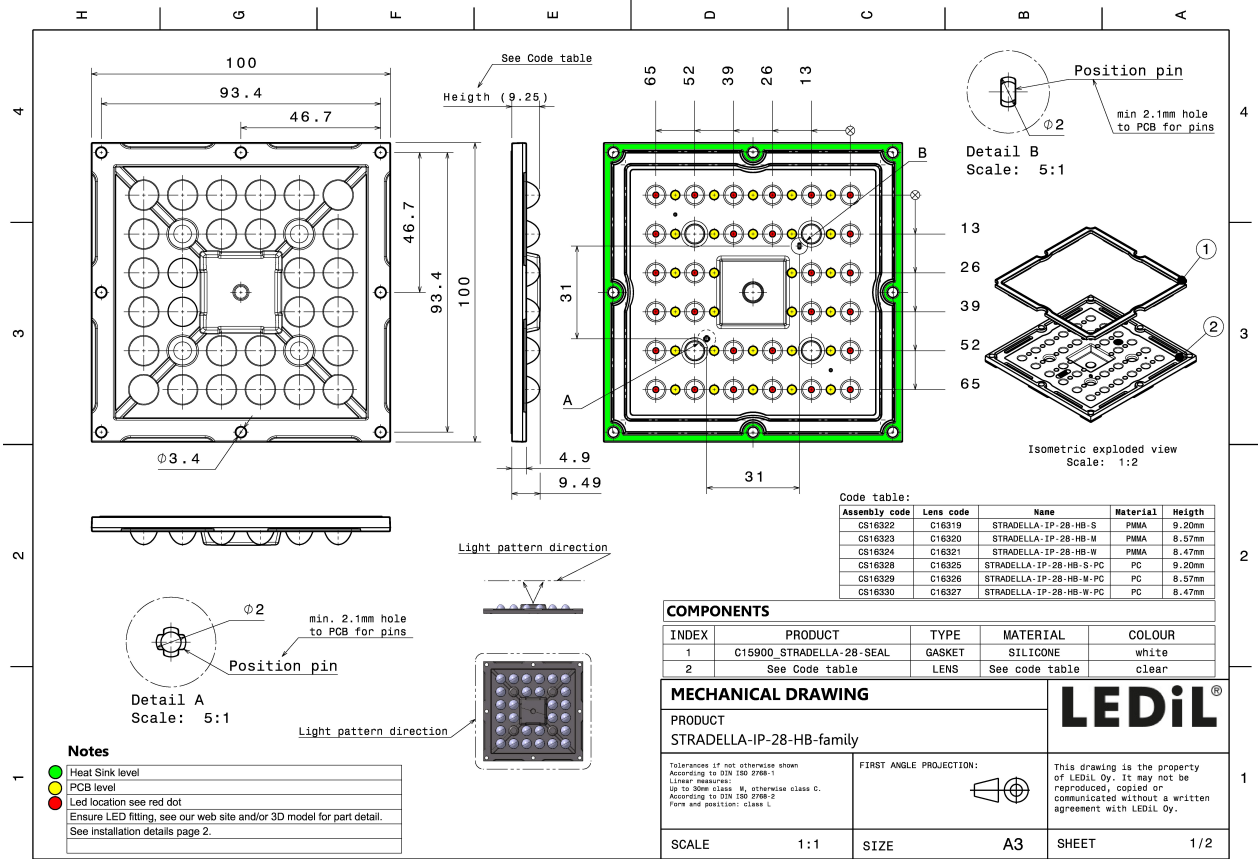
MATERIALS:

| Component | Type | Material | Colour | Finish |
|-------------------------|------------|----------|--------|--------|
| STRADELLA-IP-28-HB-M-PC | Multi-lens | PC | clear | |
| STRADELLA-28-SEAL | Seal | Silicone | white | |

ORDERING INFORMATION:



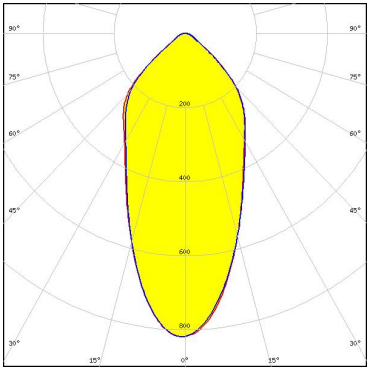

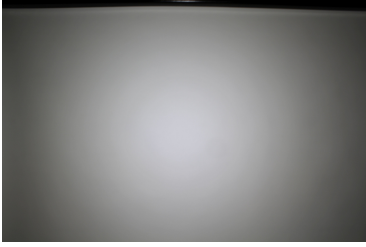
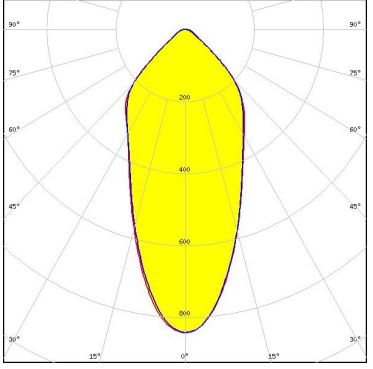

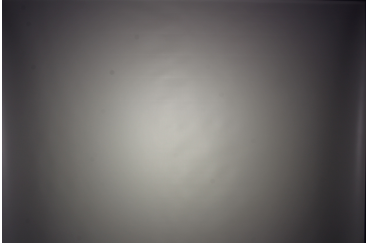
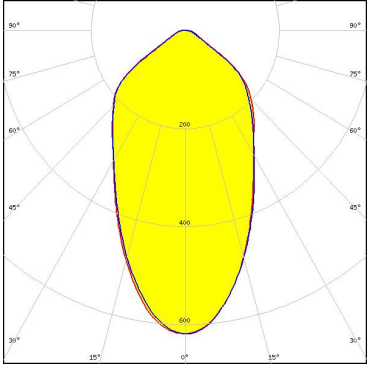

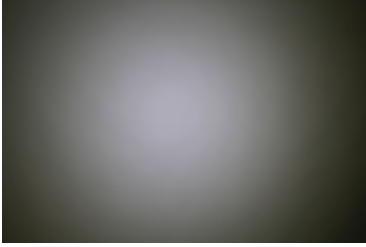
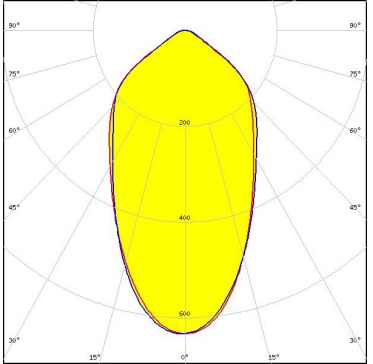
| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|---------------------------------|------------|------------|-----|-----|-----------------|
| CS16329_STRADELLA-IP-28-HB-M-PC | Multi-lens | 156 | 78 | 78 | 5.9 |
| » Box size: 476 x 273 x 247 mm | | | | | |




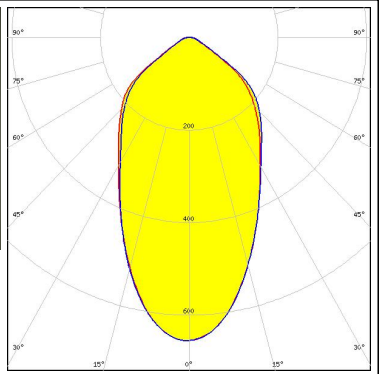

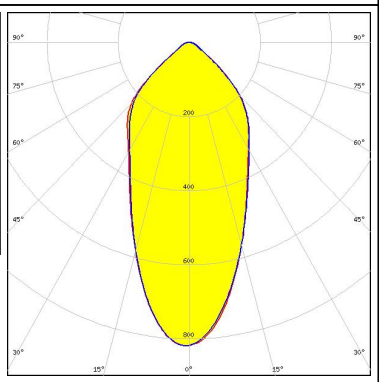

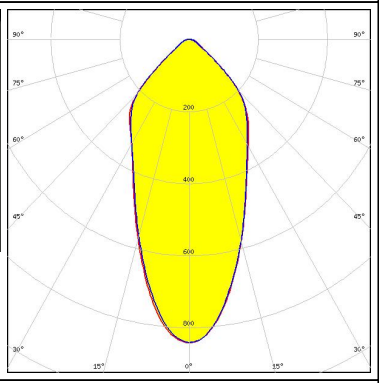

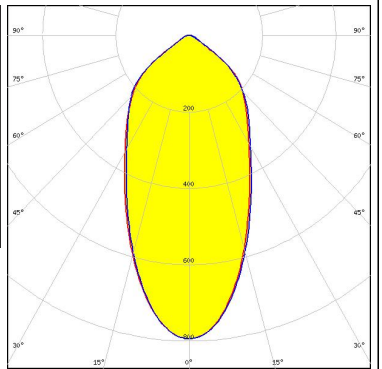


See also our general installation guide: www.ledil.com/installation_guide

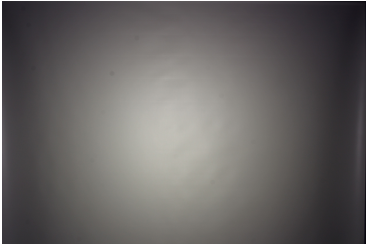
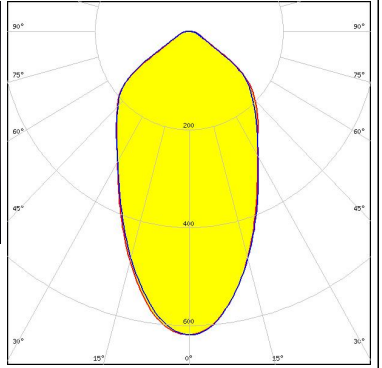

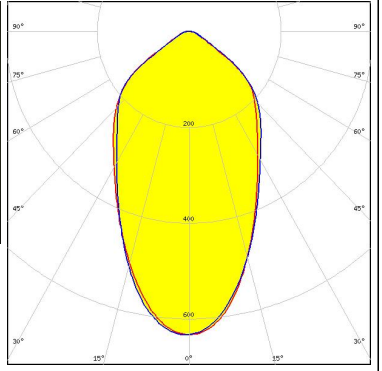
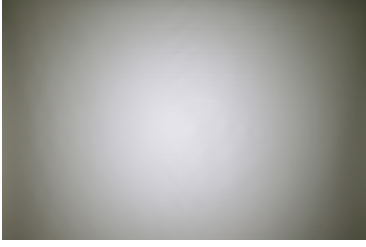
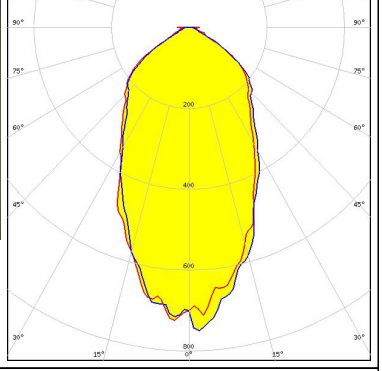
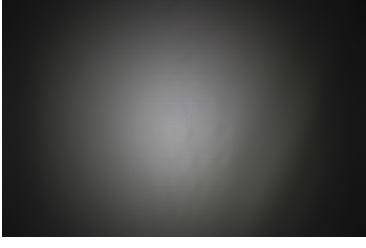
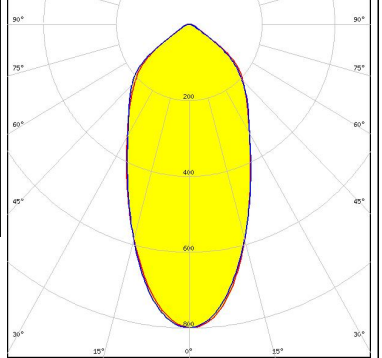
OPTICAL RESULTS (MEASURED):

| | | | |
|--|--|--|---|
|  | <p>LED HiQLED STR28 CR JE2835 4x7 xxx FWHM / FWTM 48.0° / 108.0° Efficiency 89 % Peak intensity 0.8 cd/m LEDs/each optic 1 Light colour White Required components:</p> |  |  |
|  | <p>LED HiQLED STR28 CR JK3030 4x7 xxx FWHM / FWTM 46.0° / 105.0° Efficiency 88 % Peak intensity 0.8 cd/m LEDs/each optic 1 Light colour White Required components:</p> |  |  |
|  | <p>LED QUICK FLUX STR28 XD2x14 xxx G8 FWHM / FWTM 58.0° / 119.0° Efficiency 88 % Peak intensity 0.6 cd/m LEDs/each optic 1 Light colour White Required components:</p> |  |  |
|  | <p>LED QUICK FLUX STR28 XP2x14 xxx G7 FWHM / FWTM 59.0° / 119.0° Efficiency 90 % Peak intensity 0.6 cd/m LEDs/each optic 1 Light colour White Required components:</p> |  |  |

OPTICAL RESULTS (MEASURED):

| | | |
|--|--|---|
| <p>COMET ELECTRONICS</p> <p>LED QUICK FLUX STR28 XT2x14 xxx G5 FWHM / FWTM 58.0° / 121.0° Efficiency 91 % Peak intensity 0.7 cd/m LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE LEDs</p> <p>LED J Series 2835 FWHM / FWTM 48.0° / 108.0° Efficiency 89 % Peak intensity 0.8 cd/m LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE LEDs</p> <p>LED J Series 3030 FWHM / FWTM 46.0° / 105.0° Efficiency 88 % Peak intensity 0.8 cd/m LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE LEDs</p> <p>LED J Series 3030 FWHM / FWTM 51.0° / 114.0° Efficiency 92 % Peak intensity 0.8 cd/m LEDs/each optic 1 Light colour White Required components:</p> |  |  |

OPTICAL RESULTS (MEASURED):

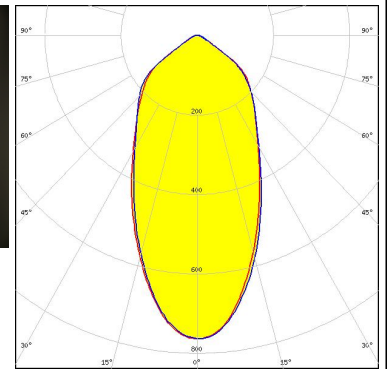
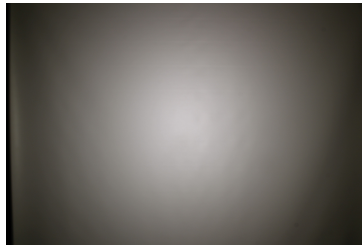
| | | |
|--|--|---|
| <p>CREE LEDs</p> <p>LED XD16 FWHM / FWTM 58.0° / 119.0° Efficiency 88 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE LEDs</p> <p>LED XP-G3 FWHM / FWTM 59.0° / 119.0° Efficiency 90 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE LEDs</p> <p>LED XT-E FWHM / FWTM 58.0° / 121.0° Efficiency 91 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ S 3030 (QSLR31) FWHM / FWTM 50.0° / 113.0° Efficiency 92 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |

OPTICAL RESULTS (MEASURED):

OSRAM

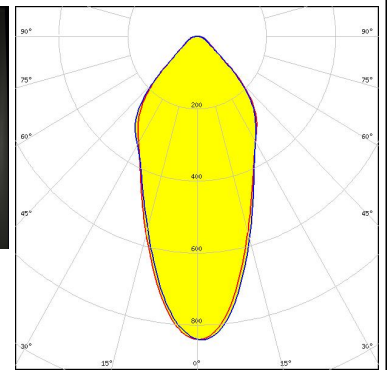
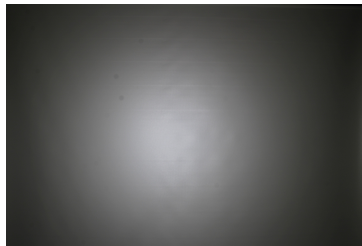
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 52.0° / 116.0°
 Efficiency 91 %
 Peak intensity 0.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



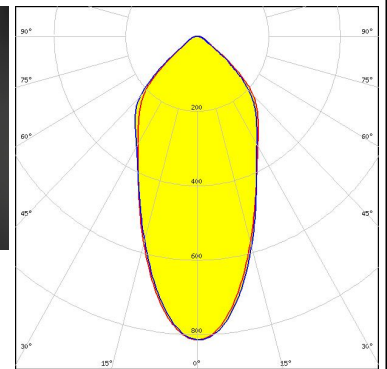
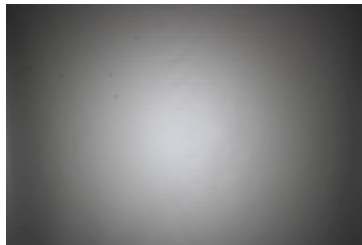
SAMSUNG

LED HiLOM SC28 (LH181B)
 FWHM / FWTM 46.0° / 102.0°
 Efficiency 87 %
 Peak intensity 0.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

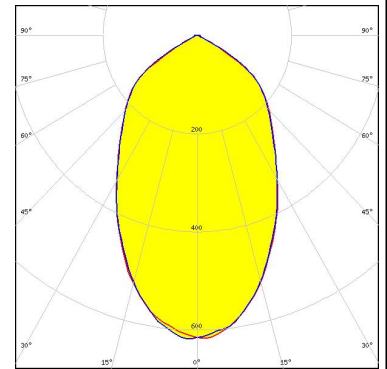
LED HiLOM SM28 (LM301B)
 FWHM / FWTM 48.0° / 108.0°
 Efficiency 89 %
 Peak intensity 0.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



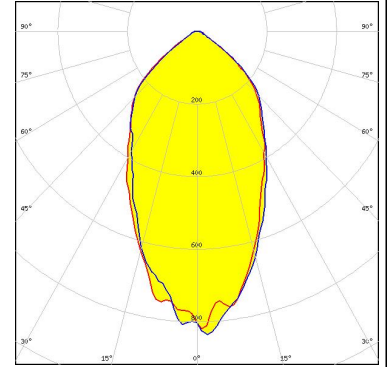
OPTICAL RESULTS (SIMULATED):



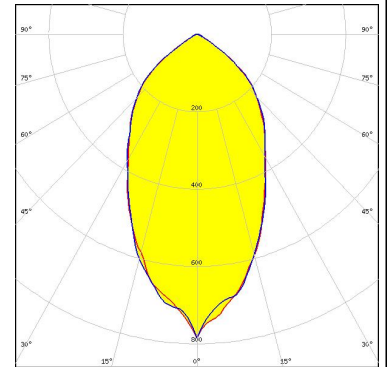
LED XP-G2 HE
FWHM / FWTM 66.0° / 122.0°
Efficiency 91 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



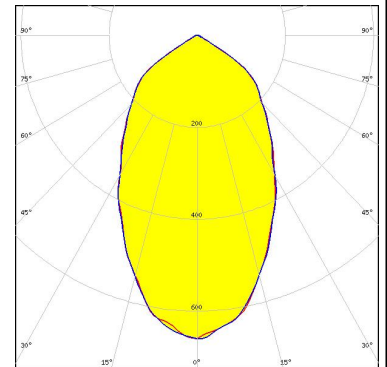
LED LUXEON 3030 2D (Round LES)
FWHM / FWTM 53.0° / 112.0°
Efficiency 89 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



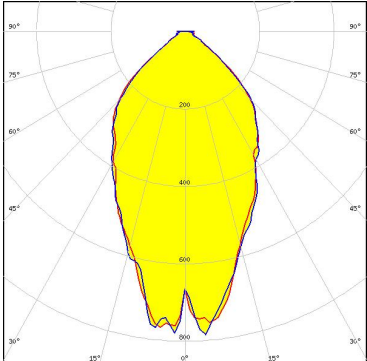
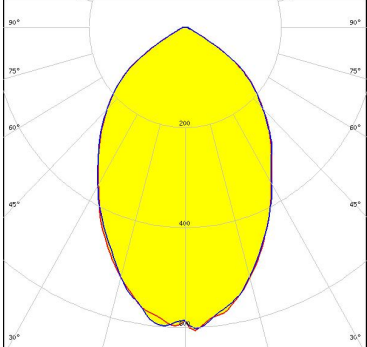
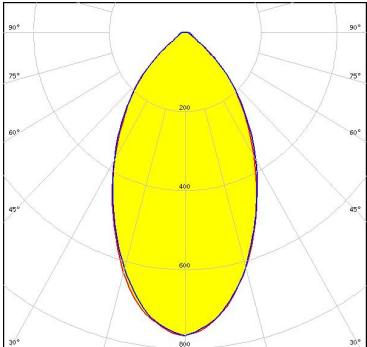
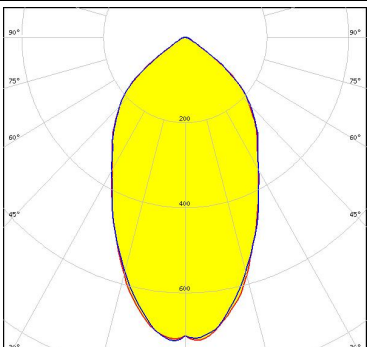
LED NF2x757G
FWHM / FWTM 57.0° / 114.0°
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW219F
FWHM / FWTM 63.0 + 64.0° / 118.0°
Efficiency 91 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

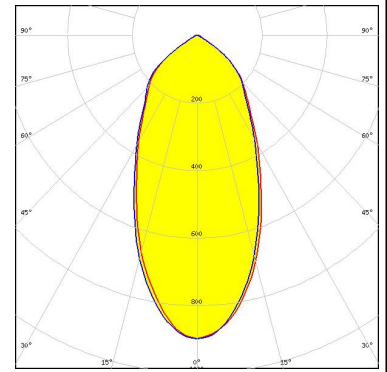
| | |
|---|---|
| <p>NICHIA</p> <p>LED NVSxE21A FWHM / FWTM 55.0° / 111.0° Efficiency 89 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 73.0° / 122.0° Efficiency 95 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris S8 FWHM / FWTM 58.0° / 104.0° Efficiency 86 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSCONIQ C 2424 FWHM / FWTM 60.0° / 114.0° Efficiency 92 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |

OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

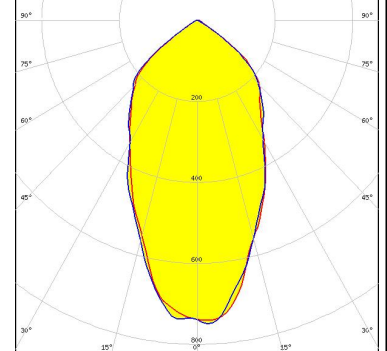
LED OSCONIQ P 3030
 FWHM / FWTM 50.0° / 113.0°
 Efficiency 95 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

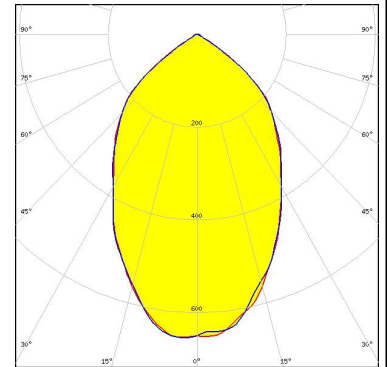
Opto Semiconductors

LED OSCONIQ P 3737 (2W version)
 FWHM / FWTM 56.0° / 113.0°
 Efficiency 90 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



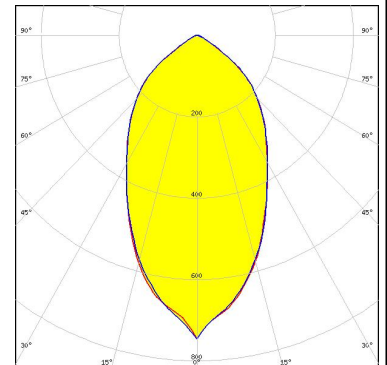
SAMSUNG

LED LH351C
 FWHM / FWTM 70.0° / 114.0°
 Efficiency 93 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

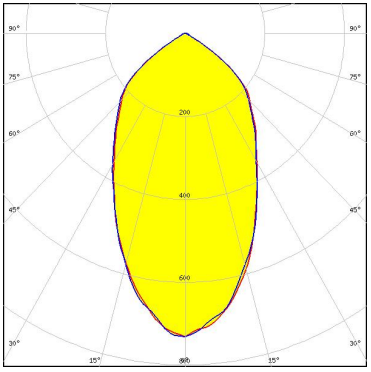
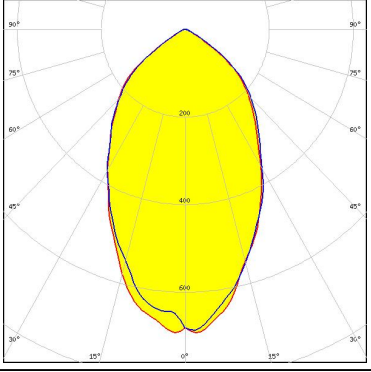
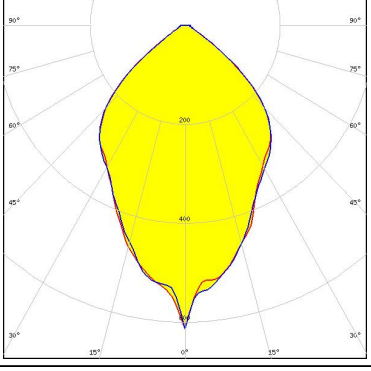
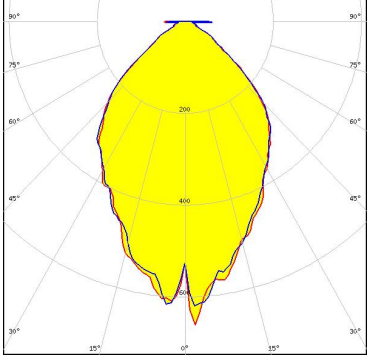


SEOUL SEMICONDUCTOR

LED SEOUL 3030
 FWHM / FWTM 58.0° / 114.0°
 Efficiency 92 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

| | |
|---|---|
| <p>SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3030C</p> <p>FWHM / FWTM: 59.0° / 116.0°</p> <p>Efficiency: 93 %</p> <p>Peak intensity: 0.7 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> |  |
| <p>SEOUL SEMICONDUCTOR</p> <p>LED: Z5M1/Z5M2</p> <p>FWHM / FWTM: 63.0° / 116.0°</p> <p>Efficiency: 92 %</p> <p>Peak intensity: 0.7 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> |  |
| <p>SEOUL SEMICONDUCTOR</p> <p>LED: Z8Y19</p> <p>FWHM / FWTM: 73.0° / 115.0°</p> <p>Efficiency: 88 %</p> <p>Peak intensity: 0.6 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> |  |
| <p>SEOUL SEMICONDUCTOR</p> <p>LED: Z8Y22</p> <p>FWHM / FWTM: 71.0° / 121.0°</p> <p>Efficiency: 89 %</p> <p>Peak intensity: 0.7 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> |  |