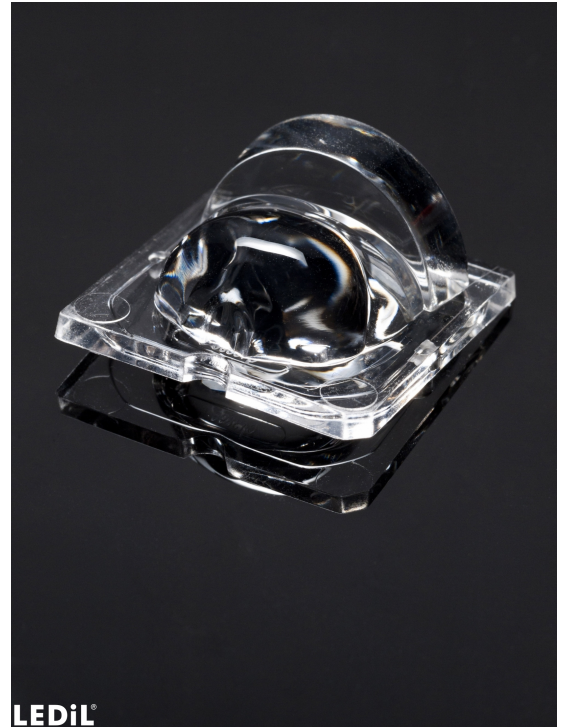


STRADA-SQ-FS

Forward throw beam for area lighting. Version with location pins. Assembly with installation tape.

SPECIFICATION:

| | |
|----------------|----------------|
| Dimensions | 25.0 x 25.0 mm |
| Height | 12.6 mm |
| Fastening | tape, pin |
| ROHS compliant | yes ⓘ |

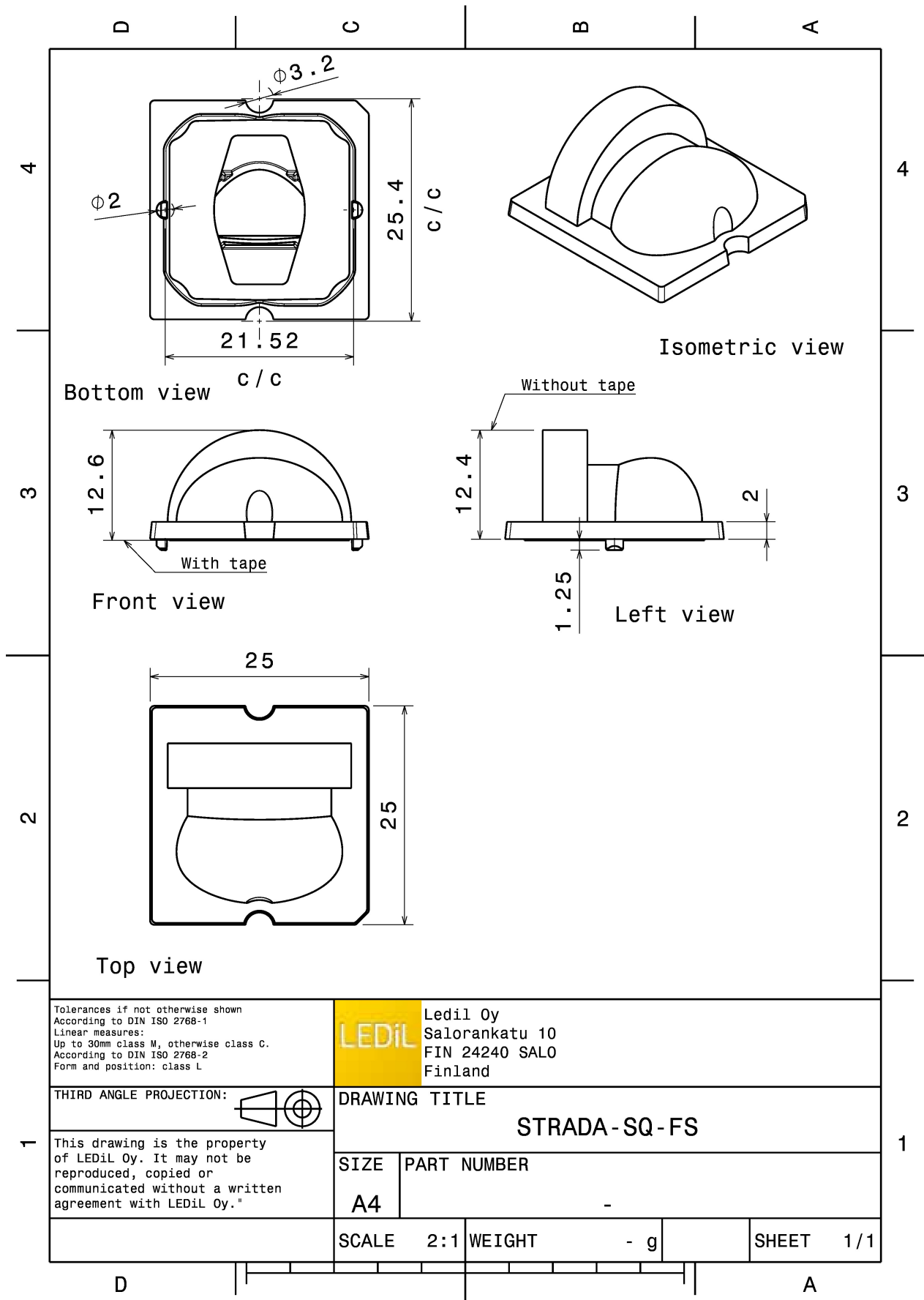


MATERIALS:

| Component | Type | Material | Colour | Finish |
|--------------|-------------|--------------|--------|--------|
| STRADA-SQ-FS | Single lens | PMMA | clear | |
| ROSE-TAPE | Tape | Acrylic foam | black | |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CA13897_STRADA-SQ-FS | Single lens | 1568 | 294 | 98 | 6.5 |
| » Box size: 480 x 280 x 300 mm | | | | | |

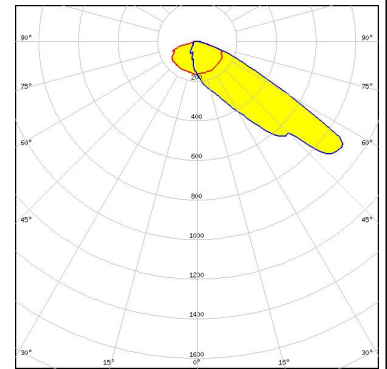


See also our general installation guide: www.ledil.com/installation_guide

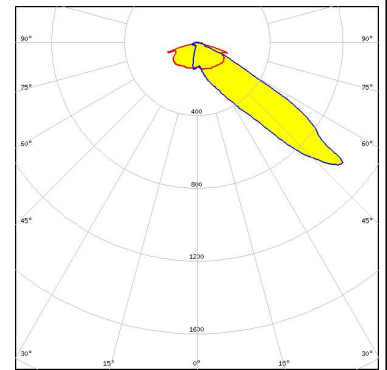
OPTICAL RESULTS (MEASURED):



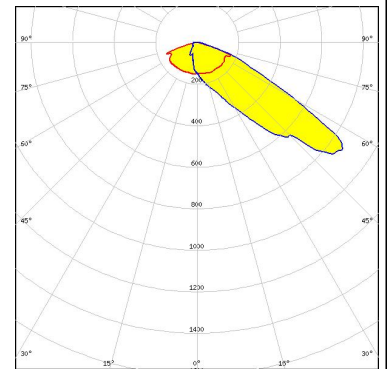
LED MK-R
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



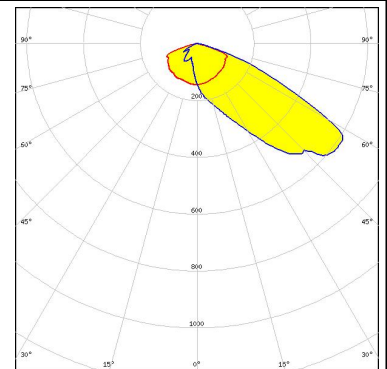
LED XHP35 HI
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XHP50
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XHP70
 FWHM / FWTM Asymmetric
 Efficiency 80 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

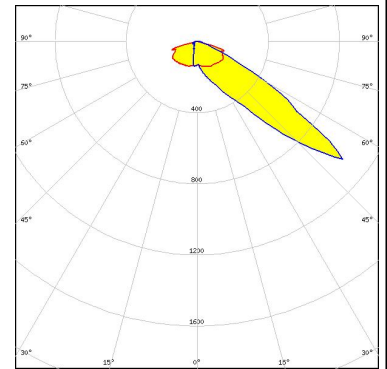


Protective plate, glass

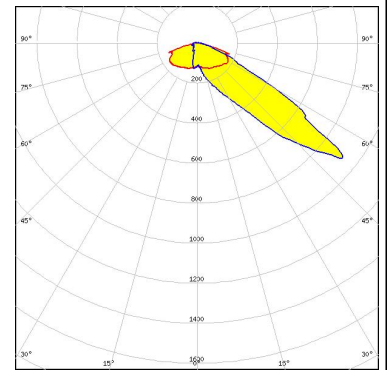
OPTICAL RESULTS (MEASURED):



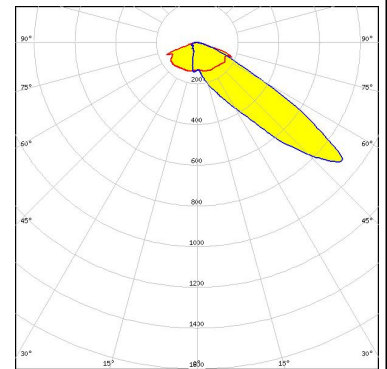
LED XM-L
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



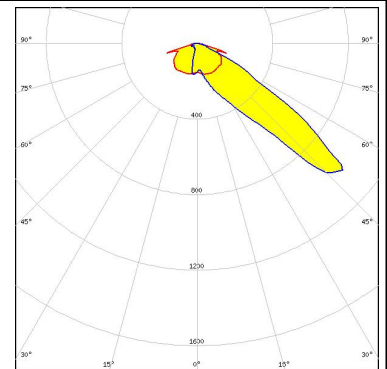
LED XP-L HD
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



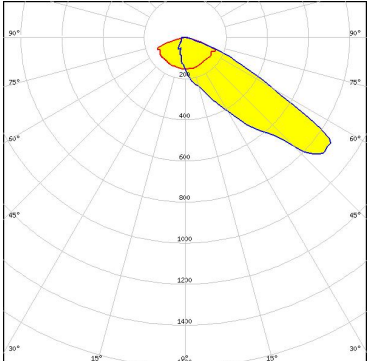
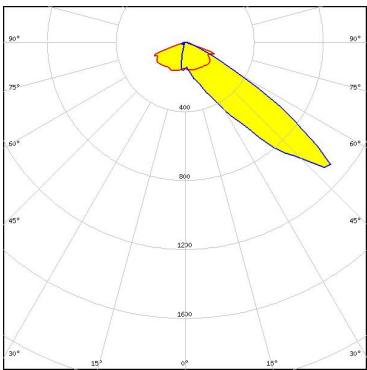
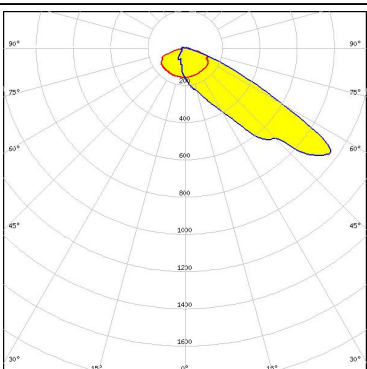
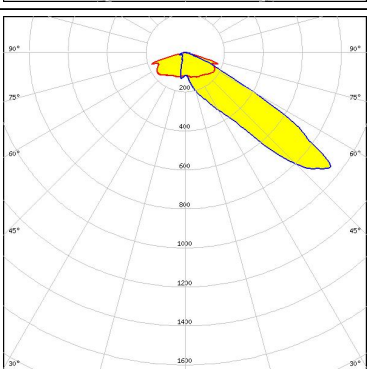
LED XP-L2
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XT-E
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



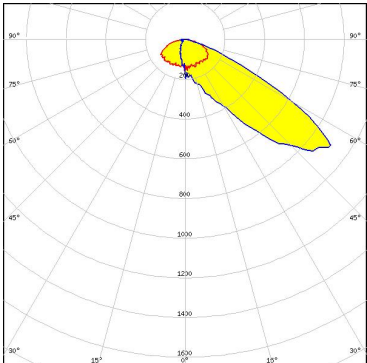
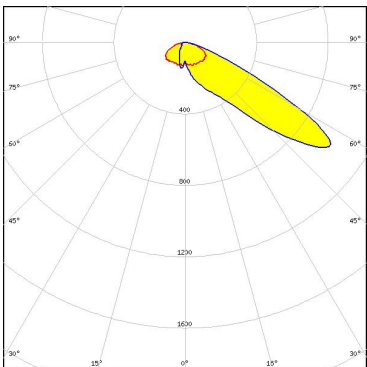
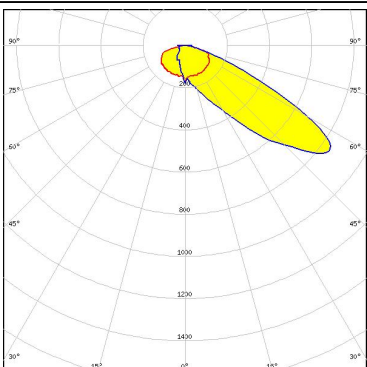
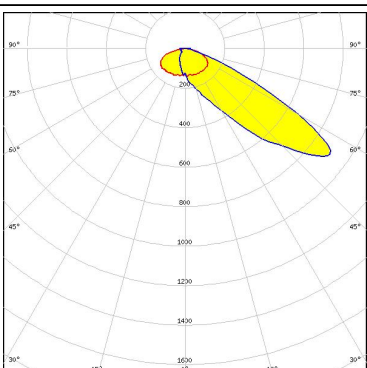
OPTICAL RESULTS (MEASURED):

| | |
|---|---|
| <p>LUMILEDS</p> <p>LED LUXEON M/MX</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |
| <p>LUMILEDS</p> <p>LED LUXEON MZ</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |
| <p>LUMILEDS</p> <p>LED LUXEON XR-M Linear (L2M0-xxxx003MC3300)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |
| <p>NICHIA</p> <p>LED NVSW319B</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |

OPTICAL RESULTS (MEASURED):

| | |
|--|--|
| <p>OSRAM Opto Semiconductors</p> <p>LED Duris S10</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> | |
| <p>SEOUL SEMICONDUCTOR</p> <p>LED Z8Y50P</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> | |

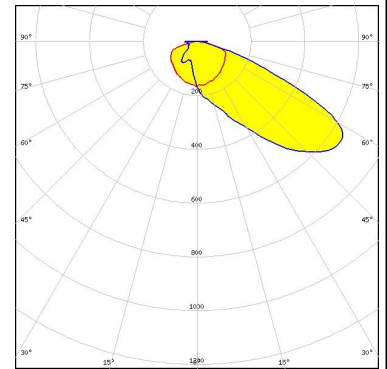
OPTICAL RESULTS (SIMULATED):

| | |
|--|---|
| <p>CREE LEDs</p> <p>LED: MHB-A/B FWHM / FWTM: Asymmetric Efficiency: % LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>CREE LEDs</p> <p>LED: XHP35 HD FWHM / FWTM: Asymmetric Efficiency: 92 % Peak intensity: 1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>CREE LEDs</p> <p>LED: XHP50.2 FWHM / FWTM: 71.0 + 30.0° / 133.0 + 92.0° Efficiency: 93 % Peak intensity: 0.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>CREE LEDs</p> <p>LED: XHP50.3 HD FWHM / FWTM: Asymmetric Efficiency: 91 % Peak intensity: 0.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |

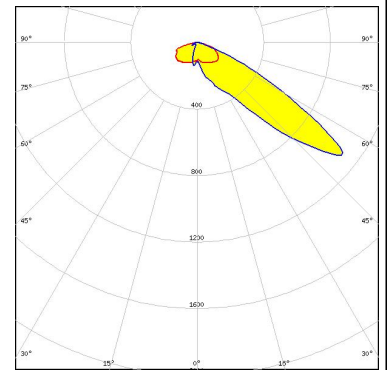
OPTICAL RESULTS (SIMULATED):



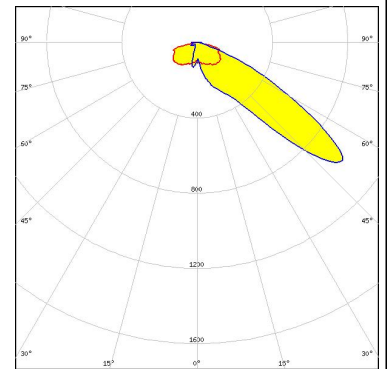
LED XHP70.2
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XM-L2
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

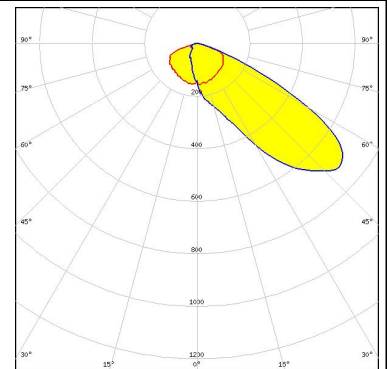


LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON 7070
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



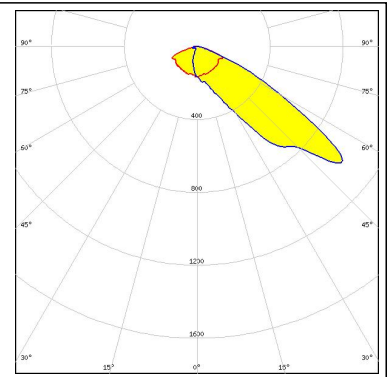
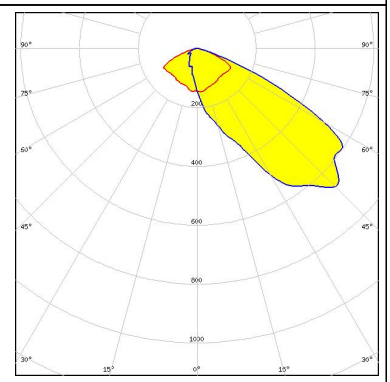
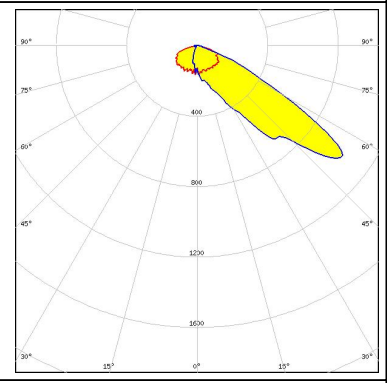
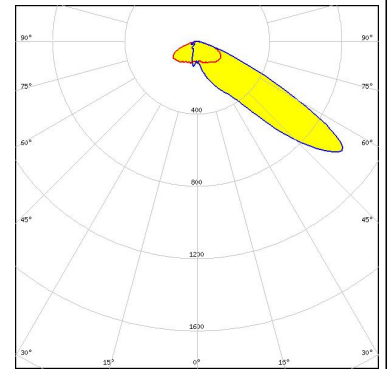
OPTICAL RESULTS (SIMULATED):

| | |
|--|--|
| <p>LUMILEDS</p> <p>LED LUXEON M/MX FWHM / FWTM Asymmetric Efficiency 81 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p> <p>Protective plate, glass</p> | |
| <p>LUMINUS</p> <p>LED SFT-40-WCS FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p> | |
| <p>LUMINUS</p> <p>LED SFT-40-WCS FWHM / FWTM Asymmetric Efficiency 81 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p> <p>Protective plate, glass</p> | |
| <p>LUMINUS</p> <p>LED SFT-70X-WCS FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p> | |

OPTICAL RESULTS (SIMULATED):

| | |
|---|--|
| <p>LUMINUS</p> <p>LED SFT-70X-WCS FWHM / FWTM Asymmetric Efficiency 81 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:</p> <p>Protective plate, glass</p> | |
| <p>NICHIA</p> <p>LED NV4x144A FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p> | |
| <p>NICHIA</p> <p>LED NVSxE21A FWHM / FWTM Asymmetric Efficiency 79 % Peak intensity 0.9 cd/lm LEDs/each optic 4 Light colour White Required components:</p> <p>Protective plate, glass</p> | |
| <p>NICHIA</p> <p>LED NVSxE21A FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.8 cd/lm LEDs/each optic 9 Light colour White Required components:</p> | |

OPTICAL RESULTS (SIMULATED):

| | |
|---|---|
| <p>NICHIA</p> <p>LED: NVSxE21A FWHM / FWTM: Asymmetric Efficiency: 91 % Peak intensity: 1 cd/lm LEDs/each optic: 4 Light colour: White Required components:</p> |  |
| <p>NICHIA</p> <p>LED: NVSxE21A FWHM / FWTM: Asymmetric Efficiency: 80 % Peak intensity: 0.7 cd/lm LEDs/each optic: 9 Light colour: White Required components:</p> <p style="background-color: #ADD8E6; padding: 2px; display: inline-block;">Protective plate, glass</p> |  |
| <p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ P 7070 FWHM / FWTM: Asymmetric Efficiency: 90 % Peak intensity: 1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>SAMSUNG</p> <p>LED: LH351D FWHM / FWTM: Asymmetric Efficiency: 93 % Peak intensity: 1.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |

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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