

STRADELLA-8-HV-CSP-LW1

Excellent longitudinal luminance uniformity for EN13201 M-class where road width is wider than the pole height. Variant with improved creepage distance for high voltage circuit design.

SPECIFICATION:

| | |
|----------------|----------------|
| Dimensions | 50.0 x 50.0 mm |
| Height | 4.9 mm |
| Fastening | screw |
| ROHS compliant | yes ⓘ |

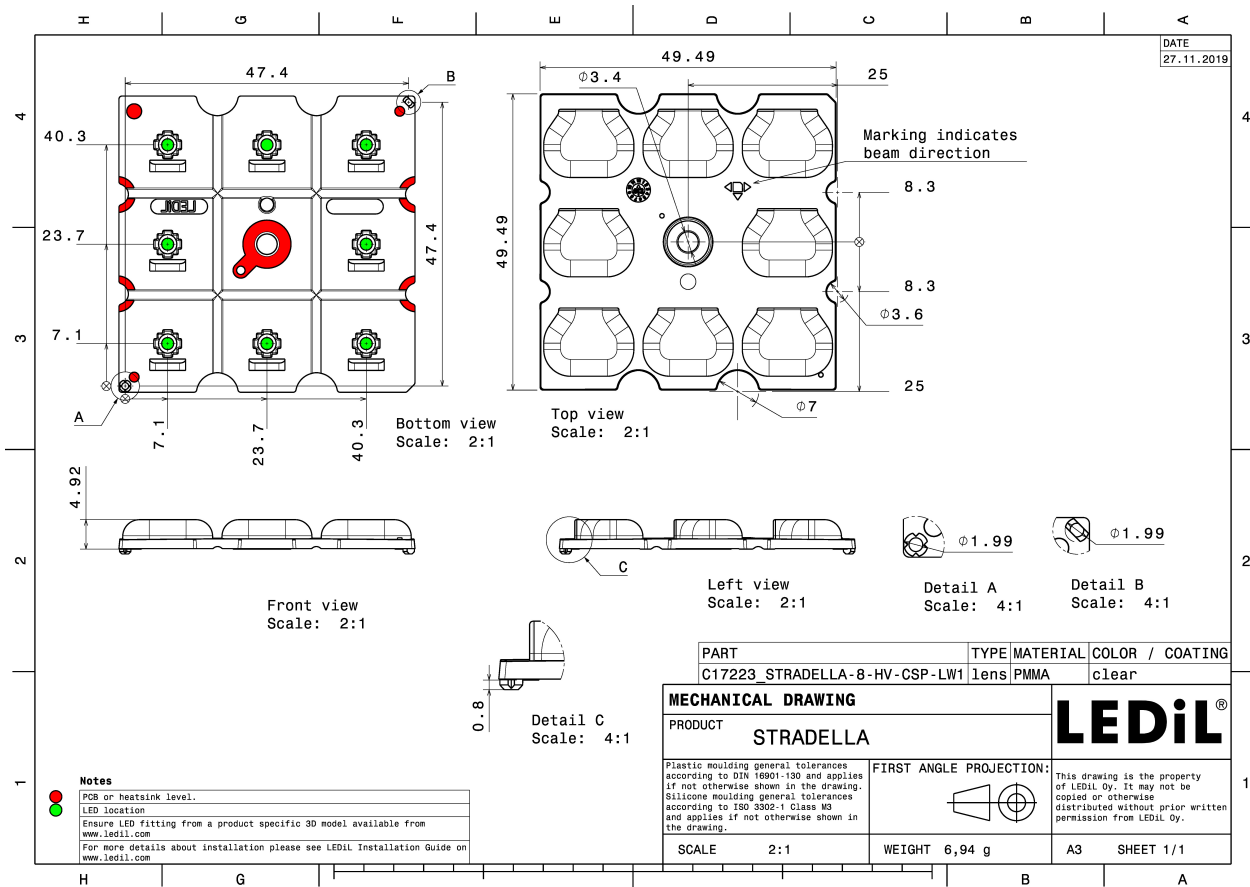


MATERIALS:

| Component | Type | Material | Colour | Finish | Length (mm) |
|------------------------|------------|----------|--------|--------|-------------|
| STRADELLA-8-HV-CSP-LW1 | Multi-lens | PMMA | clear | | |

ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|------------|-----|-----|-----------------|
| C17223_STRADELLA-8-HV-CSP-LW1 | 800 | 160 | 160 | 6.4 |
| » Box size: 480 x 280 x 300 mm | | | | |

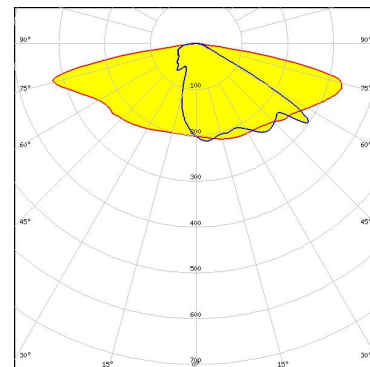


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

PHILIPS

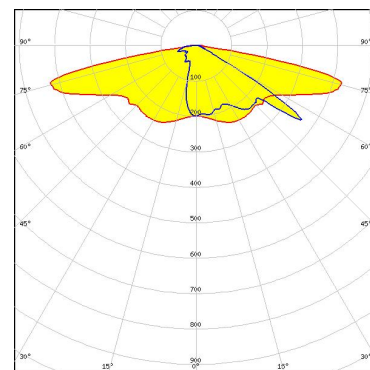
| | |
|----------------------|----------------------------------|
| LED | Fortimo FastFlex LED 4x8up PR G5 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 96 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |



Light distribution files

SAMSUNG

| | |
|----------------------|------------|
| LED | LH151B |
| FWHM / FWTM | Asymmetric |
| Efficiency | 94 % |
| Peak intensity | 1.3 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

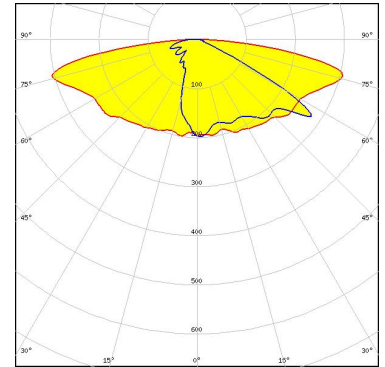


Light distribution files

OPTICAL RESULTS (SIMULATED):



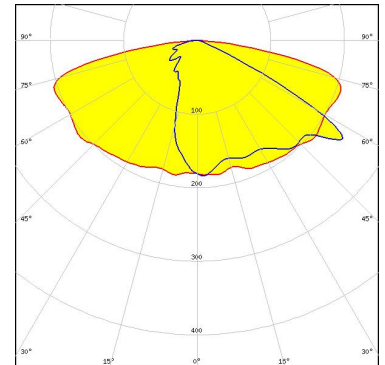
LED LUXEON HL2Z
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON HL2Z
FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

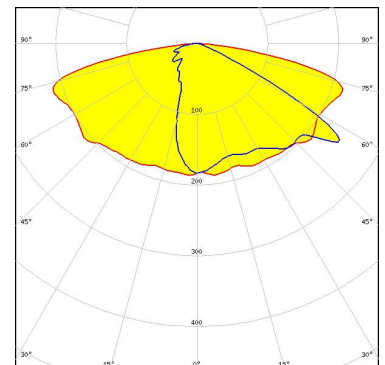


Light distribution files

Protective plate, glass



LED NVSxE21A
FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



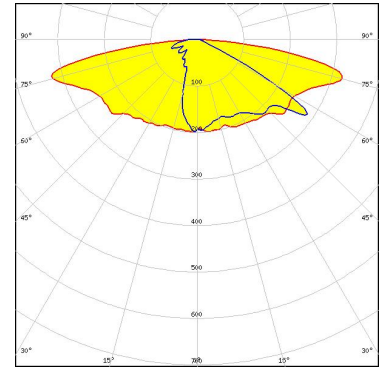
Light distribution files

Protective plate, glass

OPTICAL RESULTS (SIMULATED):



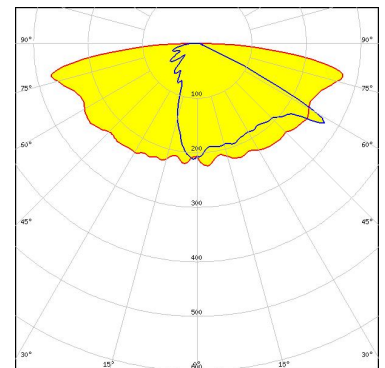
LED NVSxE21A
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



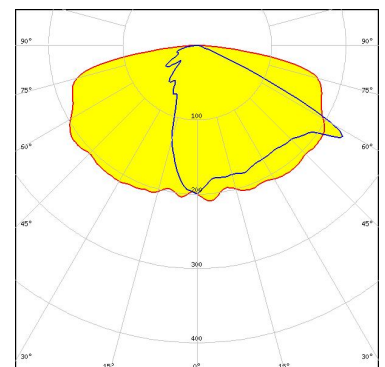
LED OSCONIQ C 2424
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED OSCONIQ C 2424
 FWHM / FWTM Asymmetric
 Efficiency 72 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Protective plate, glass

Light distribution files

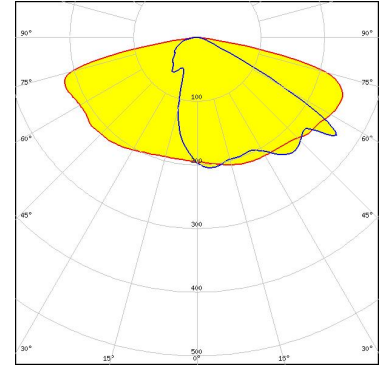
OPTICAL RESULTS (SIMULATED):

PHILIPS

| | |
|----------------------|----------------------------------|
| LED | Fortimo FastFlex LED 4x8up PR G5 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 81 % |
| Peak intensity | 0.6 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

Protective plate, glass

Light distribution files

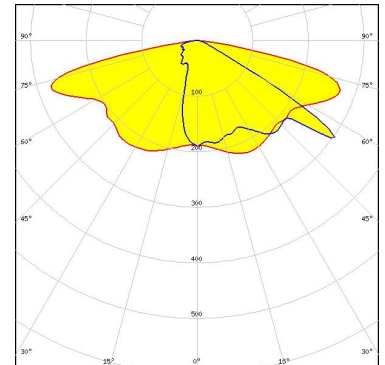


SAMSUNG

| | |
|----------------------|------------|
| LED | LH151B |
| FWHM / FWTM | Asymmetric |
| Efficiency | 78 % |
| Peak intensity | 0.8 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

Protective plate, glass

Light distribution files

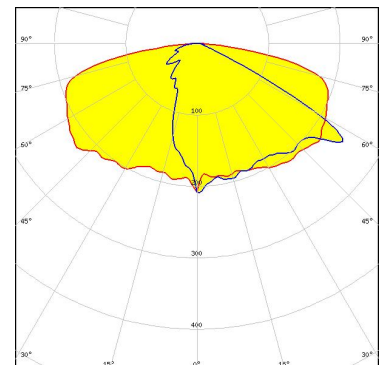


SAMSUNG

| | |
|----------------------|------------|
| LED | LH181B |
| FWHM / FWTM | Asymmetric |
| Efficiency | 76 % |
| Peak intensity | 0.5 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

Protective plate, glass

Light distribution files



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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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