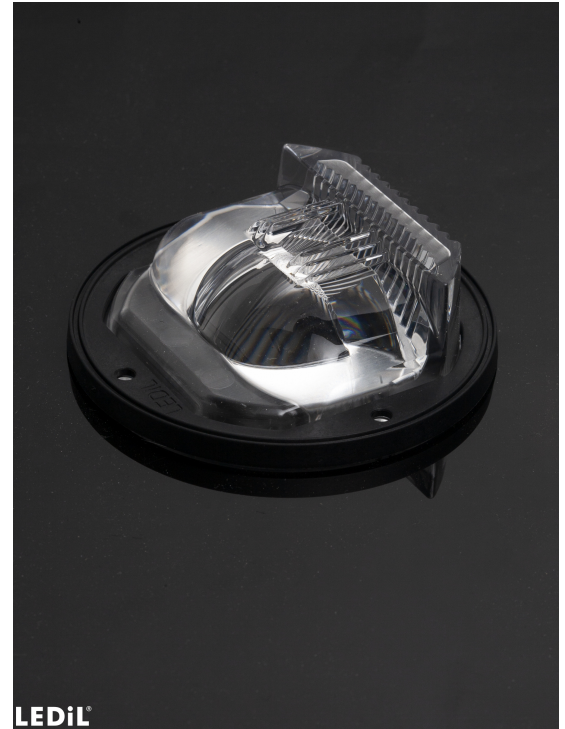


STELLA-G2-T2

IESNA Type II (medium) beam, applicable for European P-class standard pedestrian lighting and M-class roads. Compatible with up to 30 mm LES size COBs. Variant with black frame.

SPECIFICATION:

| | |
|----------------------------|-----------|
| Dimensions | Ø 90.0 mm |
| Height | 27 mm |
| Fastening | socket |
| Ingress protection classes | IP67 |
| ROHS compliant | yes ⓘ |

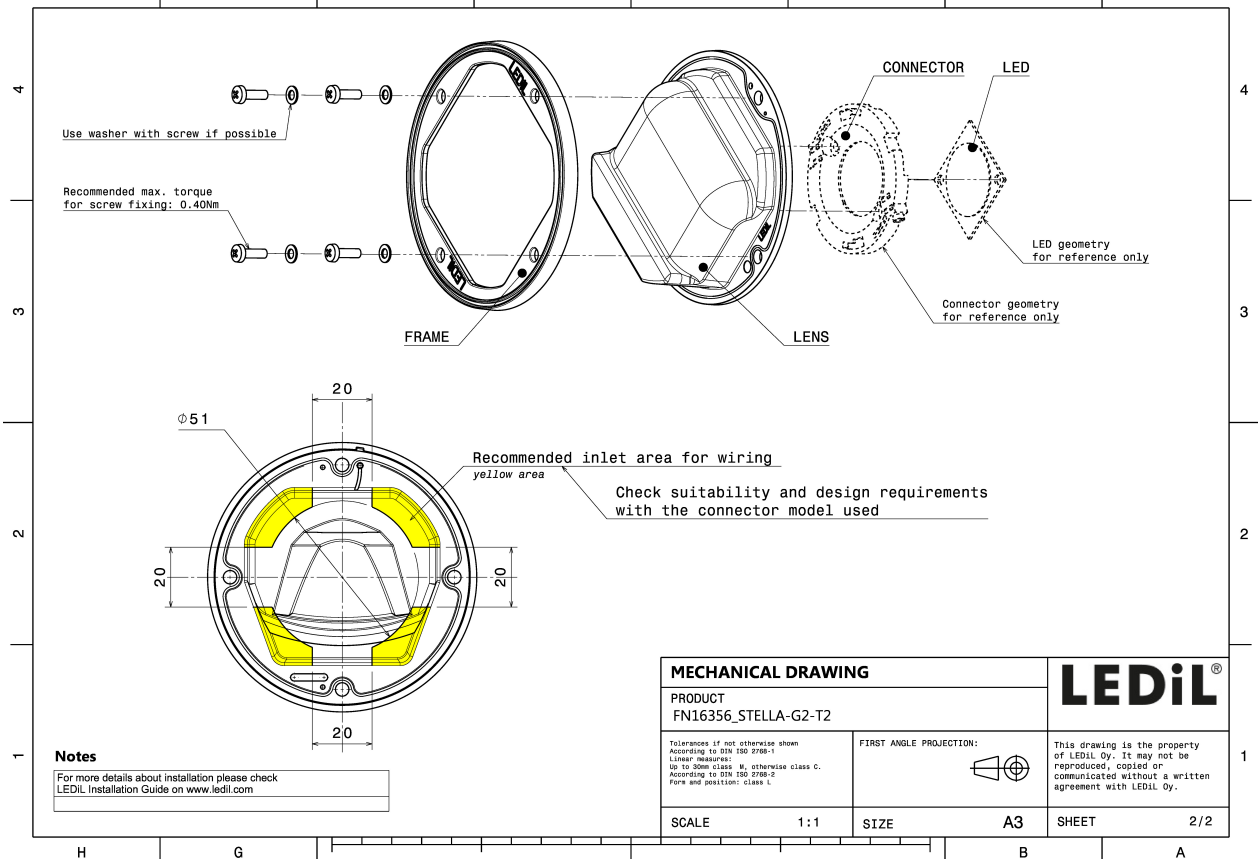
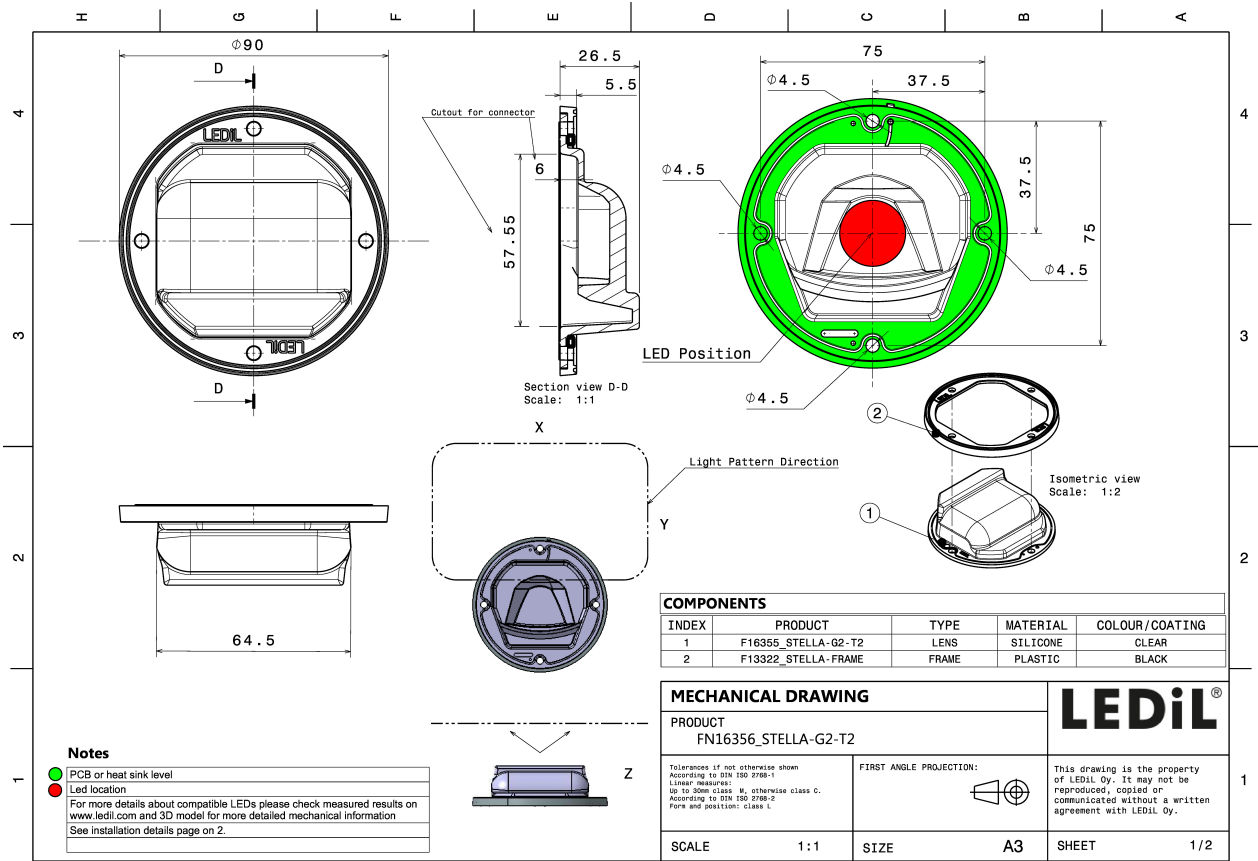


MATERIALS:

| Component | Type | Material | Colour | Finish | Length |
|--------------|-------------|----------|--------|--------|--------|
| STELLA-G2-T2 | Single lens | Silicone | clear | | 85.0 |
| STELLA-FRAME | Holder | PA66 | black | | 90.0 |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| FN16356_STELLA-G2-T2 | Single lens | 135 | | 15 | 7.9 |
| » Box size: 480 x 280 x 300 mm | | | | | |

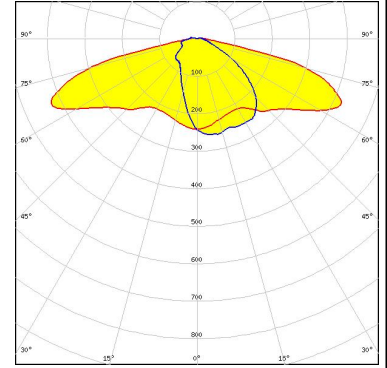


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



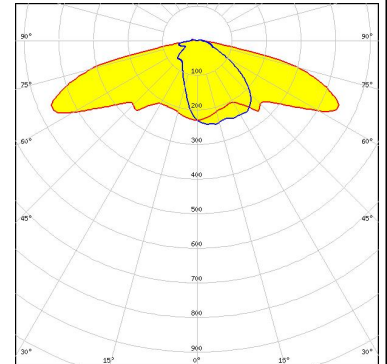
LED V22 Gen7
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 TE Connectivity: 2213480-1



Light distribution files



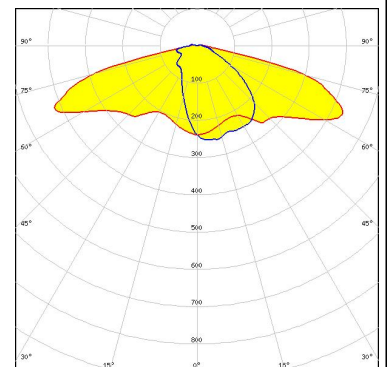
LED V22 Gen7
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED V22 Gen7
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 Bender Wirth: 431 Typ Z1

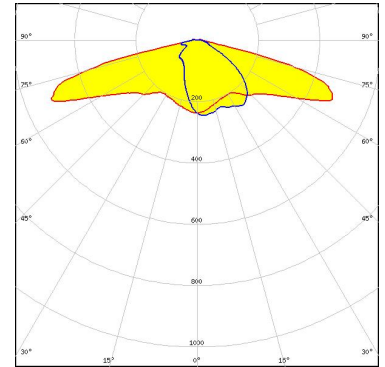


Light distribution files

OPTICAL RESULTS (MEASURED):



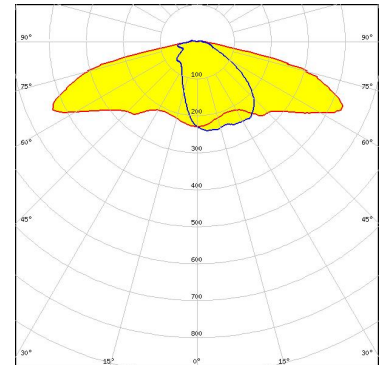
LED CXA/B 25xx
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



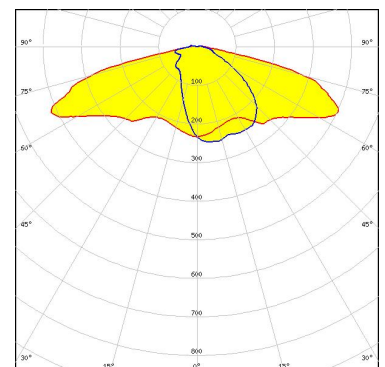
LED LC040D / LC060D / LC080D
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LC040D / LC060D / LC080D
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



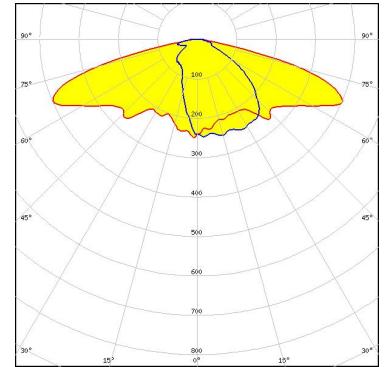
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED V18 Gen 8-9
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

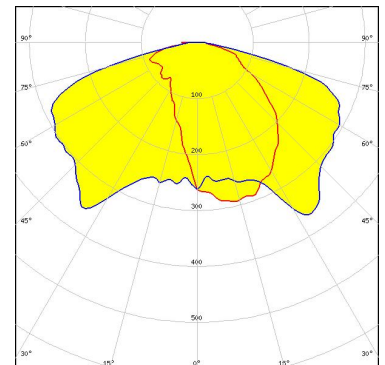
Bender Wirth: 462 Typ Z1



Light distribution files



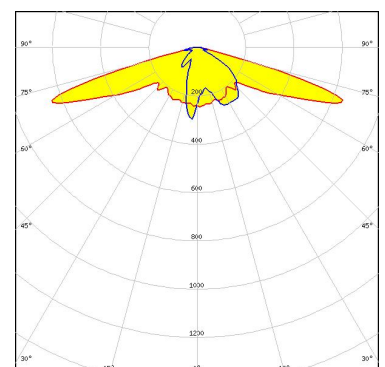
LED VERO29
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

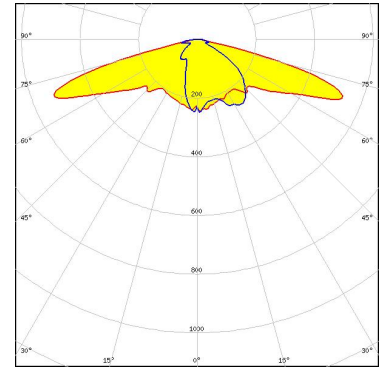


Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

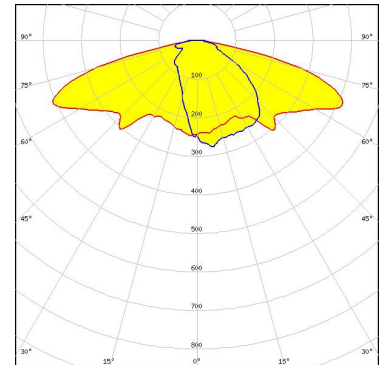
LED CLL03x/CLU03x
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

CITIZEN

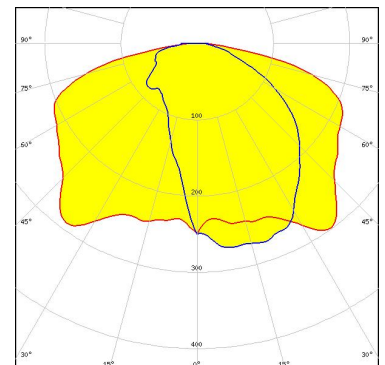
LED CLL04x/CLU04x
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

CITIZEN

LED CLL05x/CLU05x
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Bender Wirth: 458 Typ L4

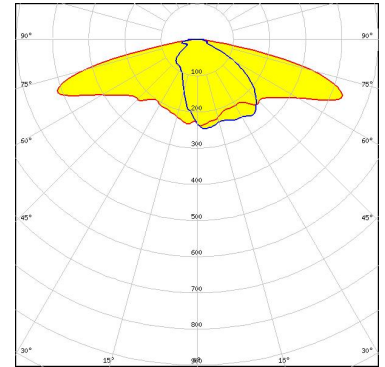
OPTICAL RESULTS (SIMULATED):



LED CMA2550
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Bender Wirth: 439 Typ L3

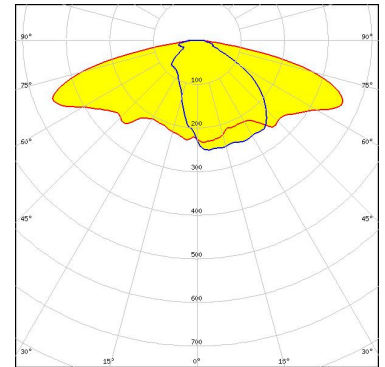
Light distribution files



LED CMA3090
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

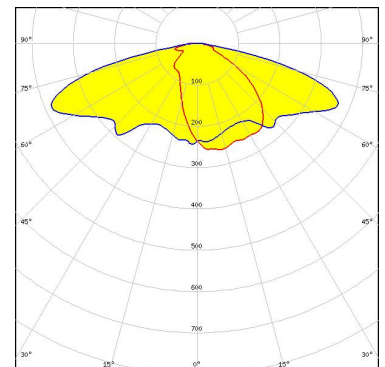
Bender Wirth: 447 Typ L3

Light distribution files



LED CMT19xx
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

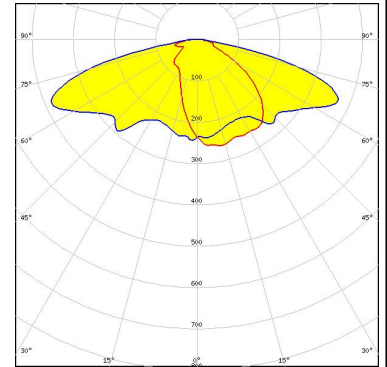
Light distribution files



OPTICAL RESULTS (SIMULATED):



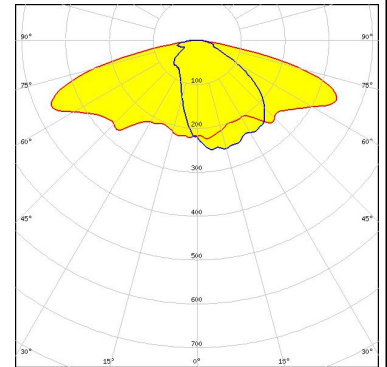
LED CMT28xx
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



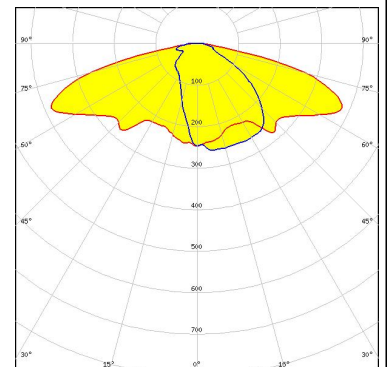
LED CMT28xx
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED CMU22xx
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



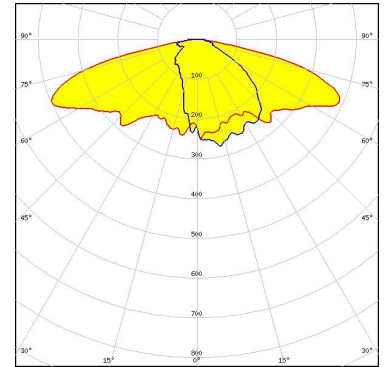
Bender Wirth: 431 Typ L3

Light distribution files

OPTICAL RESULTS (SIMULATED):



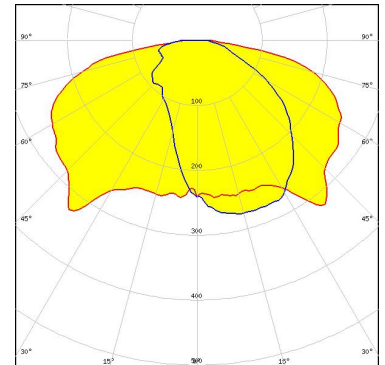
LED CXA/B 30xx
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



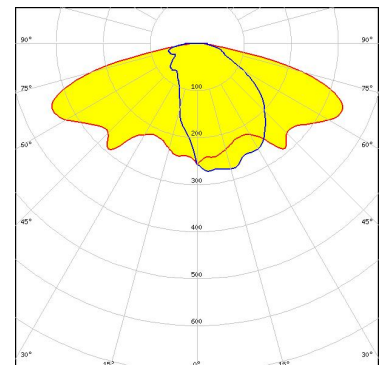
LED LUXEON CoB 1321
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED Duris S8
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 0.4 cd/lm
LEDs/each optic 16
Light colour/type White
Required components:



Light distribution files

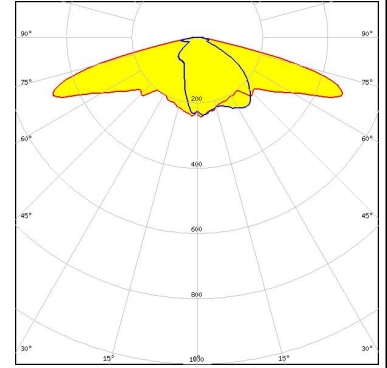
OPTICAL RESULTS (SIMULATED):

TRIDONIC

| | |
|----------------------|--------------|
| LED | SLE G7 LES17 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 83 % |
| Peak intensity | 0.6 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

Bender Wirth: 466 Typ Z1

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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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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