## STELLA-HB-WWW

~100° very wide beam for warehouse and outdoor lighting. Compatible with up to 30 mm LES size COBs.
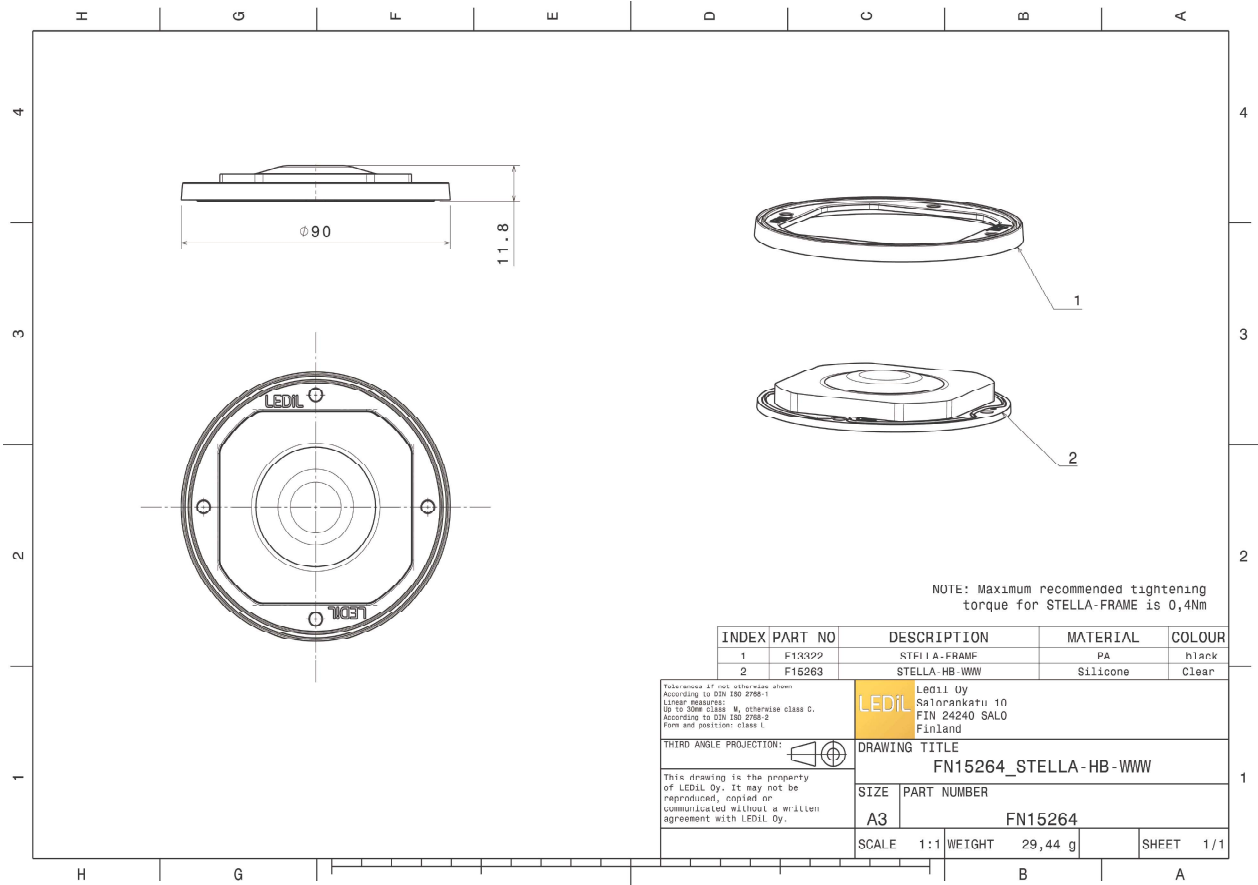


### TECHNICAL SPECIFICATIONS:

| | |
|---|---|
| Dimensions | Ø 90.0 mm |
| Height | 11.3 mm |
| Fastening | screw |
| Colour | black |
| Box size | 480 x 280 x 300 mm |
| Box weight | 5 kg |
| Quantity in Box | 135 pcs |
| ROHS compliant | yes ⓘ |

### MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour |
|---|---|---|---|
| STELLA-HB-WWW | Single lens | Silicone | clear |
| STELLA-FRAME | Holder | PA66 | black |

⌀90

11.8

1

2

NOTE: Maximum recommended tightening torque for STELLA-FRAME is 0,4Nm

| INDEX | PART NO | DESCRIPTION | MATERIAL | COLOUR |
|-------|---------|-------------|----------|--------|
| 1 | F13322 | STELLA-FRAME | PA | black |
| 2 | F15263 | STELLA-HB-WWW | Silicone | Clear |

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

THIRD ANGLE PROJECTION:

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FIN 24240 SALO
Finland

DRAWING TITLE
FN15264_STELLA-HB-WWW

| SIZE | PART NUMBER | | |
|------|-------------|--|--|
| A3 | FN15264 | | |
| SCALE 1:1 | WEIGHT 29,44 g | | SHEET 1/1 |

## PHOTOMETRIC DATA (MEASURED):

### CITIZEN

| | |
|---|---|
| LED | CLL02x/CLU02x (LES10) |
| FWHM | 100.0° |
| Efficiency | 88 % |
| Peak intensity | 0.370 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |
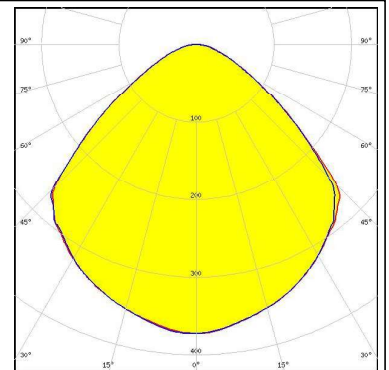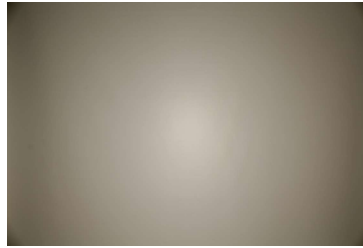


### CITIZEN

| | |
|---|---|
| LED | CLL04x/CLU04x |
| FWHM | 102.0° |
| Efficiency | 89 % |
| Peak intensity | 0.360 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |
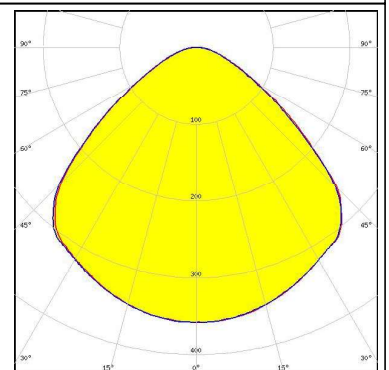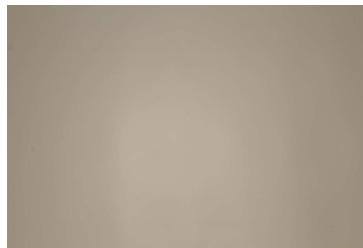


### CREE

| | |
|---|---|
| LED | CMA2550 |
| FWHM | 102.0° |
| Efficiency | 88 % |
| Peak intensity | 0.400 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |
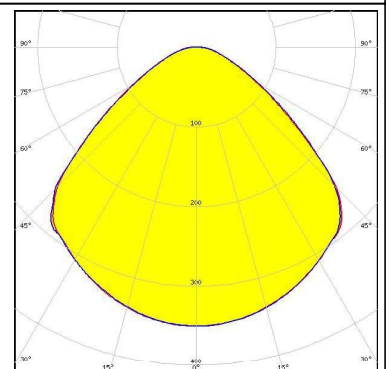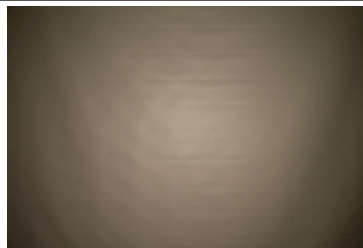


### CREE

| | |
|---|---|
| LED | CMA3090 |
| FWHM | 102.0° |
| Efficiency | 88 % |
| Peak intensity | 0.300 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

## PHOTOMETRIC DATA (MEASURED):

**CREE**
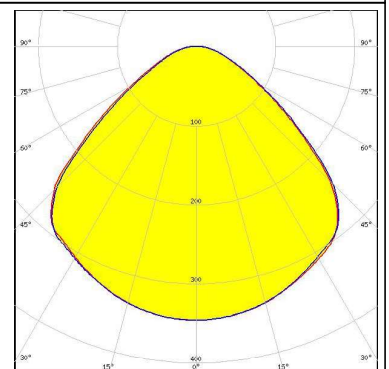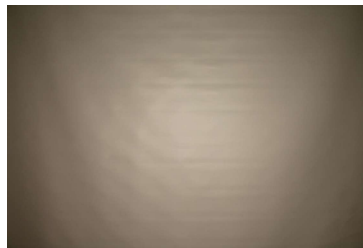
| | |
|---|---|
| LED | CXA/B 1816 & CXA/B 1820 & CXA 1850 |
| FWHM | 102.0° |
| Efficiency | 87 % |
| Peak intensity | 0.350 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



**CREE**
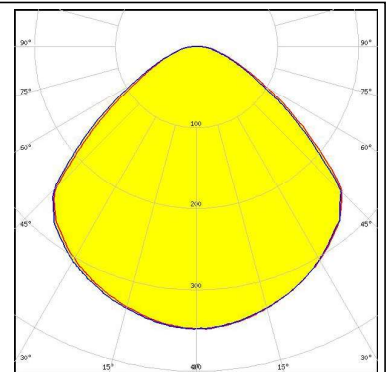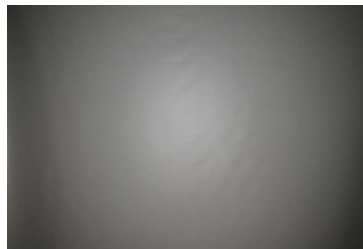
| | |
|---|---|
| LED | CXA/B 1830 |
| FWHM | 102.0° |
| Efficiency | 88 % |
| Peak intensity | 0.350 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |
| C14305_STELLA-CLAMP-CXA15-18 | |



**CREE**
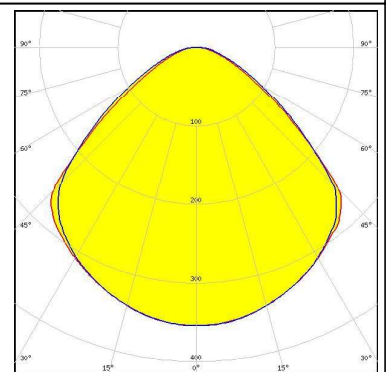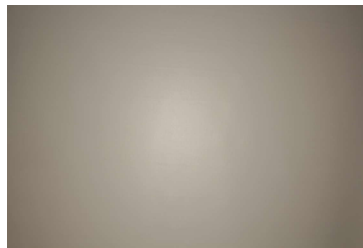
| | |
|---|---|
| LED | CXA/B 25xx |
| FWHM | 101.0° |
| Efficiency | 90 % |
| Peak intensity | 0.400 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |
| Bender Wirth: 439 Typ L3 | |



**CREE**
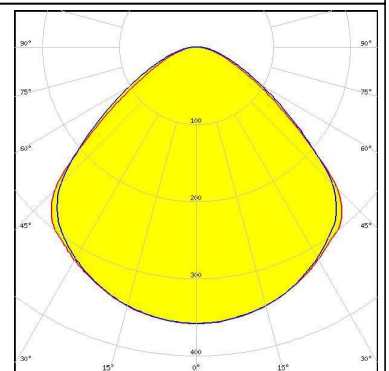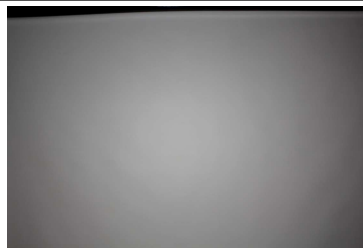
| | |
|---|---|
| LED | CXA/B 25xx |
| FWHM | 102.0° |
| Efficiency | 88 % |
| Peak intensity | 0.350 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

## PHOTOMETRIC DATA (MEASURED):

### CREE
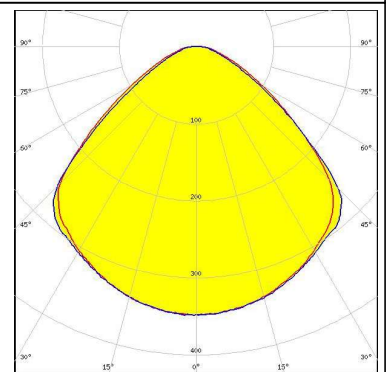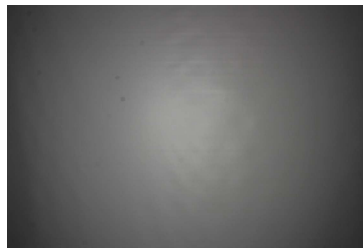
| | |
|---|---|
| LED | CXA/B 30xx |
| FWHM | 102.0° |
| Efficiency | 88 % |
| Peak intensity | 0.350 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



### CREE
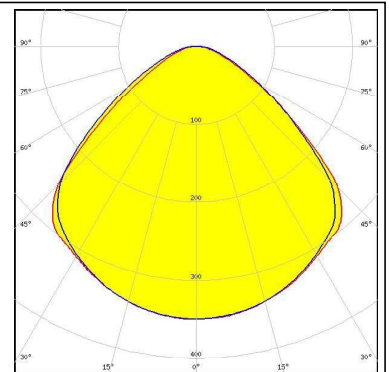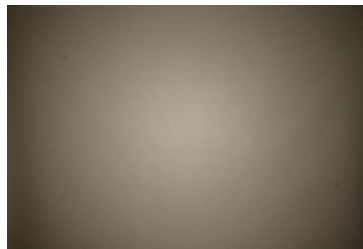
| | |
|---|---|
| LED | CXA/B 3590 |
| FWHM | 102.0° |
| Efficiency | 90 % |
| Peak intensity | 0.360 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



### LUMILEDS
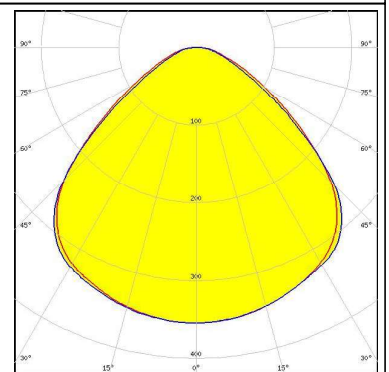
| | |
|---|---|
| LED | LUXEON CoB 1211 |
| FWHM | 101.0° |
| Efficiency | 89 % |
| Peak intensity | 0.360 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |
| Bender Wirth: 431 Typ L3 | |



### LUMILEDS
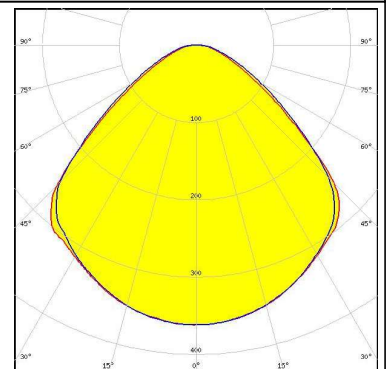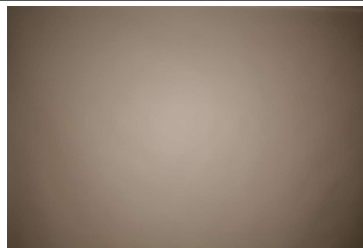
| | |
|---|---|
| LED | LUXEON CoB 1321 |
| FWHM | 102.0° |
| Efficiency | 89 % |
| Peak intensity | 0.340 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |