# AMY-50-W

**~36° wide beam**




## SPECIFICATION:

| | |
|---|---|
| Dimensions | Ø 49.9 |
| Height | 11 mm |
| Fastening | socket |
| ROHS compliant | yes |

## MATERIALS:

| Component | Type | Material | Colour | Finish | Length (mm) |
|---|---|---|---|---|---|
| AMY-50-W | Single lens | PMMA | clear | | |
| AMY-50-HLD2-C | Holder C | PC | black | | |
| AMY-50-HLD2-B | Holder B | PC | black | | |
| AMY-50-HLD2-C-WHT | Holder C | PC | white | | |
| AMY-50-HLD2-B-WHT | Holder B | PC | white | | |


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## ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|---|---|---|---|
| C17688_AMY-50-W | 690 | 120 | 30 | 9.3 |
| **Assembly** | | | | |
| CP19152_AMY-50-W-B2-WHT | 510 | 120 | 30 | 8.6 |
| CP19143_AMY-50-W-C2-WHT | 510 | 120 | 30 | 8.2 |
| CP19134_AMY-50-W-B2 | 510 | 120 | 30 | 8.6 |
| CP19125_AMY-50-W-C2 | 510 | 120 | 30 | 8.2 |


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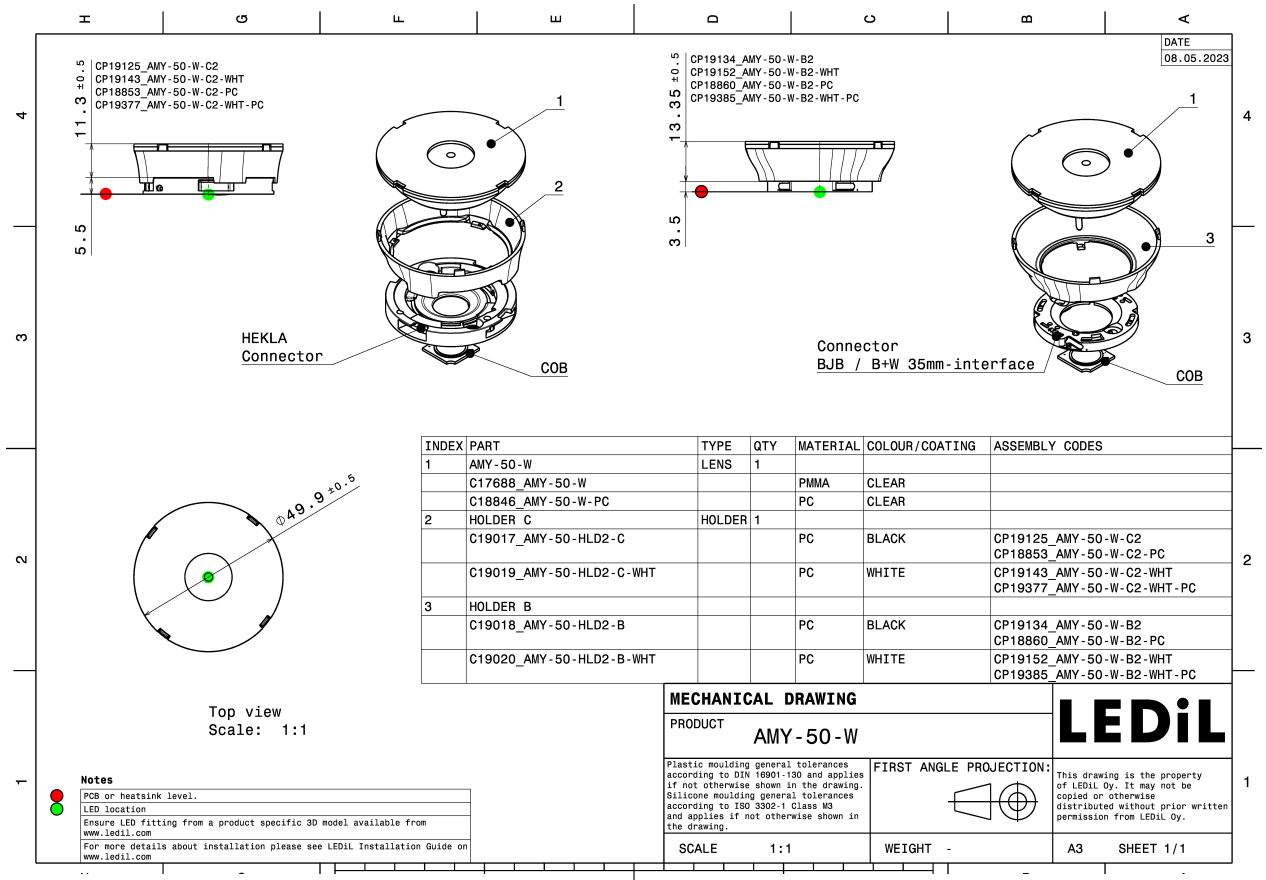


| INDEX | PART | TYPE | QTY | MATERIAL | COLOUR/COATING | ASSEMBLY CODES |
|---|---|---|---|---|---|---|
| 1 | AMY-50-W | LENS | 1 | | | |
| | C17688_AMY-50-W | | | PMMA | CLEAR | |
| | C18846_AMY-50-W-PC | | | PC | CLEAR | |
| 2 | HOLDER C | HOLDER | 1 | | | |
| | C19017_AMY-50-HLD2-C | | | PC | BLACK | CP19125_AMY-50-W-C2<br>CP18853_AMY-50-W-C2-PC |
| | C19019_AMY-50-HLD2-C-WHT | | | PC | WHITE | CP19143_AMY-50-W-C2-WHT<br>CP19377_AMY-50-W-C2-WHT-PC |
| 3 | HOLDER B | | | | | |
| | C19018_AMY-50-HLD2-B | | | PC | BLACK | CP19134_AMY-50-W-B2<br>CP18860_AMY-50-W-B2-PC |
| | C19020_AMY-50-HLD2-B-WHT | | | PC | WHITE | CP19152_AMY-50-W-B2-WHT<br>CP19385_AMY-50-W-B2-WHT-PC |




Top view
Scale: 1:1

**Notes**

| |
|---|
| PCB or heatsink level. |
| LED location |
| Ensure LED fitting from a product specific 3D model available from www.ledil.com |
| For more details about installation please see LEDiL Installation Guide on www.ledil.com |

**MECHANICAL DRAWING**

PRODUCT AMY-50-W

LEDiL

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

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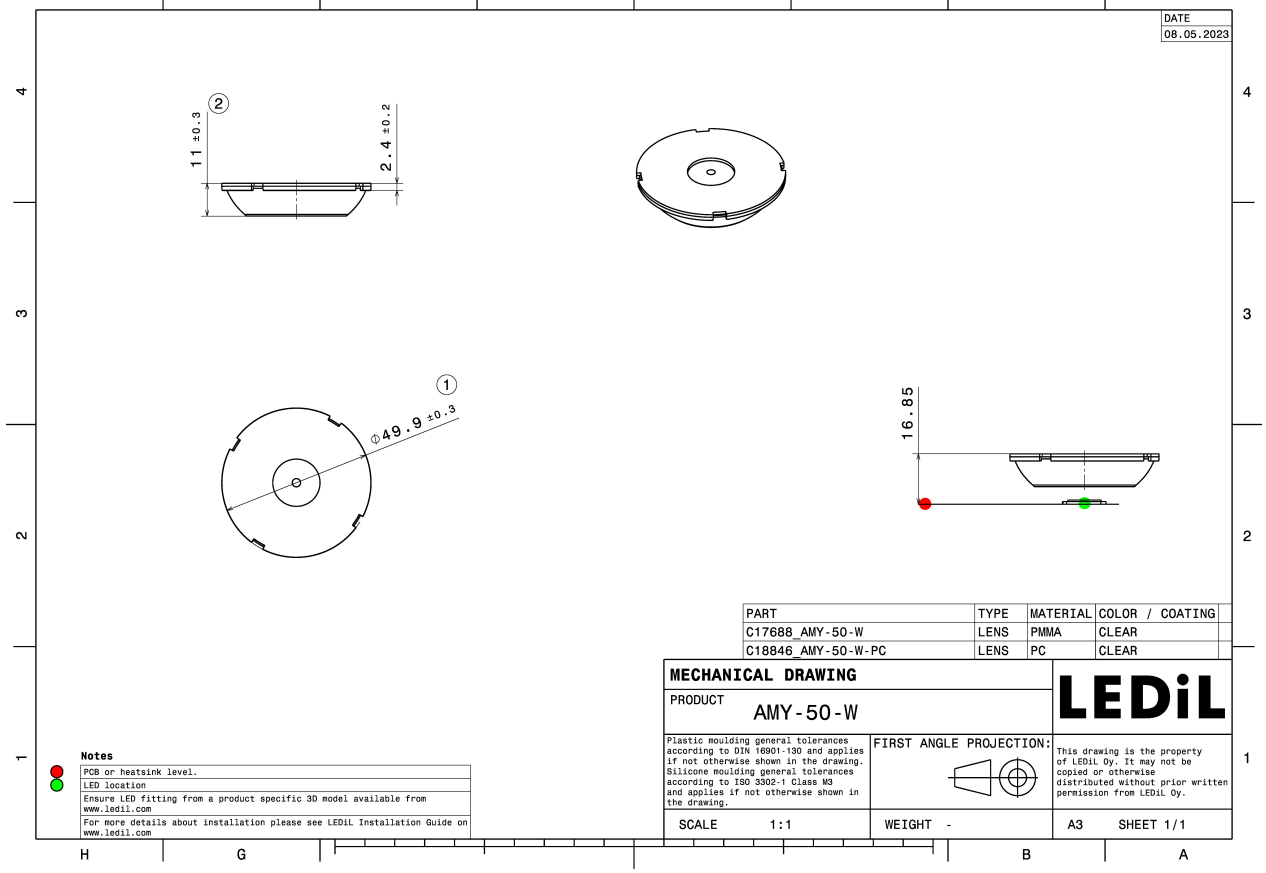
SCALE 1:1 | WEIGHT - | A3 | SHEET 1/1




| PART | TYPE | MATERIAL | COLOR / COATING |
|---|---|---|---|
| C17688_AMY-50-W | LENS | PMMA | CLEAR |
| C18846_AMY-50-W-PC | LENS | PC | CLEAR |

**Notes**

| |
|---|
| PCB or heatsink level. |
| LED location |
| Ensure LED fitting from a product specific 3D model available from www.ledil.com |
| For more details about installation please see LEDiL Installation Guide on www.ledil.com |

**MECHANICAL DRAWING**

PRODUCT AMY-50-W

LEDiL

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

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SCALE 1:1 | WEIGHT - | A3 | SHEET 1/1

See also our general installation guide: [www.ledil.com/installation_guide](www.ledil.com/installation_guide)


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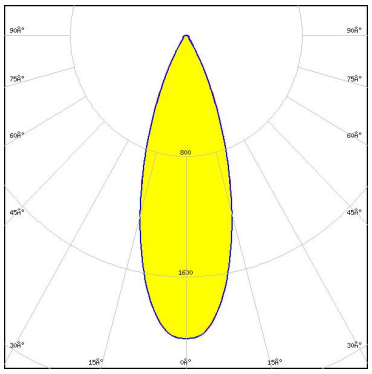
## OPTICAL RESULTS (MEASURED):

bridgelux

| | |
|---|---|
| LED | V10 Gen 8-9 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 61.0° |
| Efficiency | 88 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15255_HEKLA-SOCKET-C | |



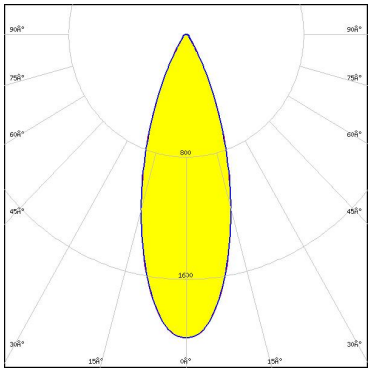


Light distribution files

bridgelux

| | |
|---|---|
| LED | V11 HD Gen 8 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 62.0° |
| Efficiency | 88 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| Bender Wirth: 633d Hekla | |



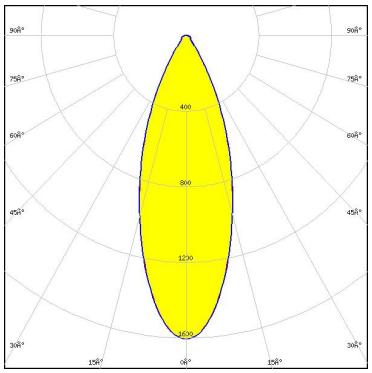


Light distribution files

bridgelux

| | |
|---|---|
| LED | V13 Gen 8-9 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 37.0° / 69.0° |
| Efficiency | 85 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15859_HEKLA-SOCKET-I | |





Light distribution files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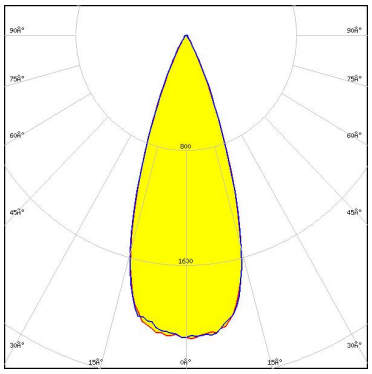
## OPTICAL RESULTS (MEASURED):

bridgelux

| | |
|---|---|
| LED | V4 HD Gen 7 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 56.0° |
| Efficiency | 89 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15253_HEKLA-SOCKET-A | |

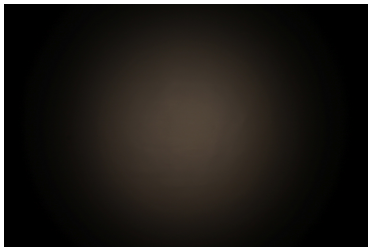


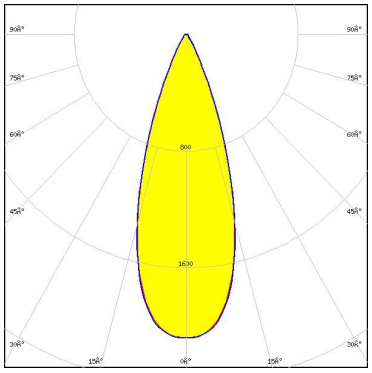


Light distribution files

bridgelux

| | |
|---|---|
| LED | V6 HD Gen 7 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 58.0° |
| Efficiency | 88 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15255_HEKLA-SOCKET-C | |



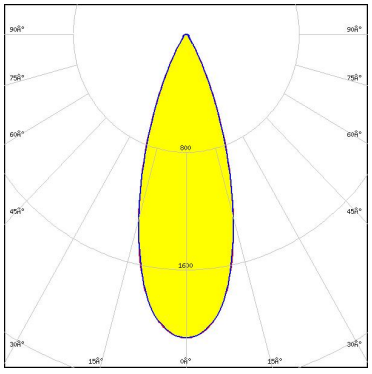


Light distribution files

bridgelux

| | |
|---|---|
| LED | V8 Gen 8-9 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 60.0° |
| Efficiency | 89 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15253_HEKLA-SOCKET-A | |





Light distribution files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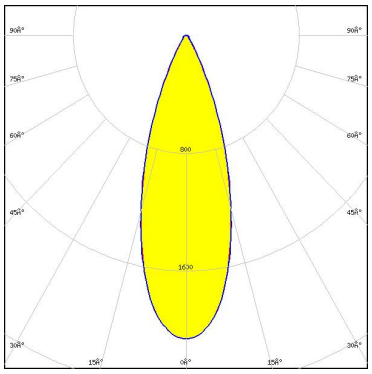
## OPTICAL RESULTS (MEASURED):

bridgelux

| | |
|---|---|
| LED | V9 HD Gen7 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 59.0° |
| Efficiency | 86 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15859_HEKLA-SOCKET-I | |

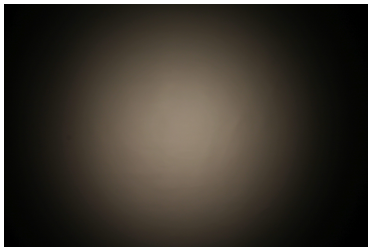


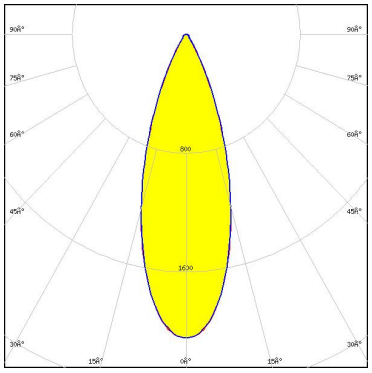


Light distribution files

bridgelux

| | |
|---|---|
| LED | VERO10 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 60.0° |
| Efficiency | 87 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15616_HEKLA-SOCKET-F | |

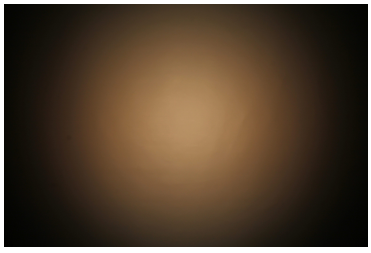


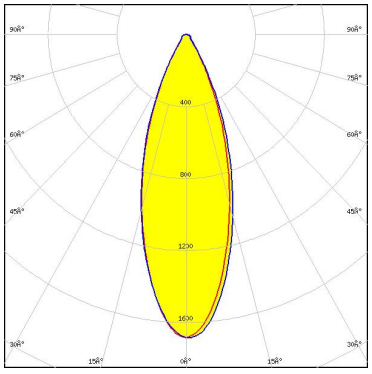


Light distribution files

bridgelux

| | |
|---|---|
| LED | Vesta DTW 13mm (21W) |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 65.0° |
| Efficiency | 82 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |
| Bender Wirth: 491 Typ L8 | |





Light distribution files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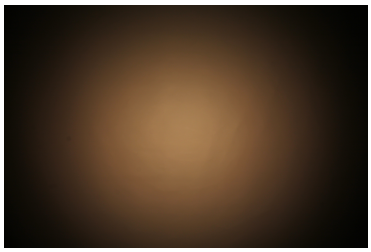
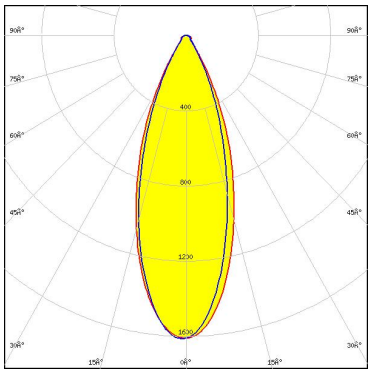
## OPTICAL RESULTS (MEASURED):

bridgelux

| | |
|---|---|
| LED | Vesta DTW 15mm (33W) |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 37.0° / 67.0° |
| Efficiency | 83 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |
| Bender Wirth: 491 Typ L8 | |

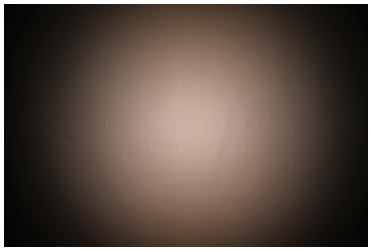


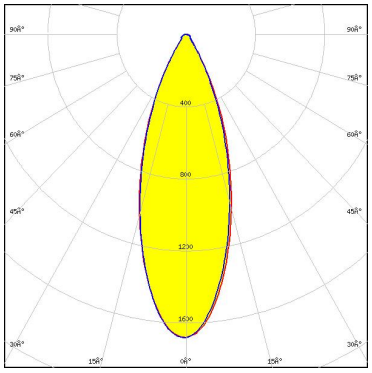


Light distribution files

bridgelux

| | |
|---|---|
| LED | Vesta TW 13mm (18W) DP |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 66.0° |
| Efficiency | 83 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |
| Bender Wirth: 492 Typ L8 | |

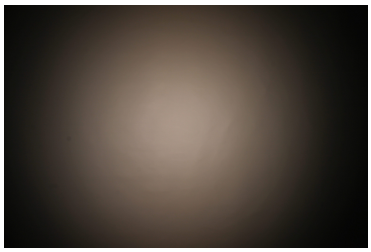


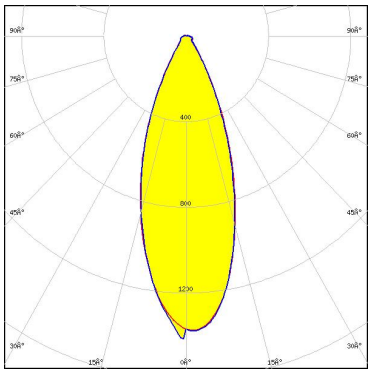


Light distribution files

bridgelux

| | |
|---|---|
| LED | Vesta TW 15mm DP |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 38.0° / 68.0° |
| Efficiency | 79 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |
| Bender Wirth: 482 Typ L8 | |





Light distribution files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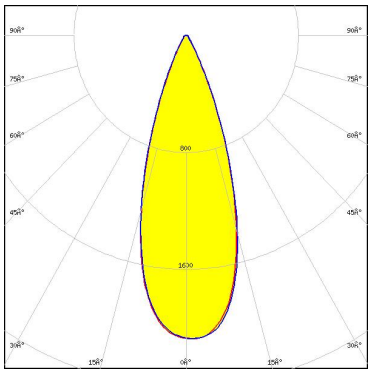
## OPTICAL RESULTS (MEASURED):

bridgelux

| | |
|---|---|
| LED | Vesta TW 6mm DP |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 57.0° |
| Efficiency | 86 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |
| Bender Wirth: 504 Typ L8 | |



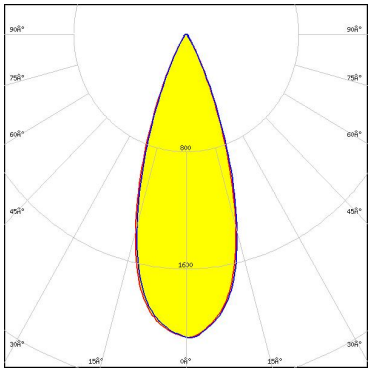


Light distribution files

bridgelux

| | |
|---|---|
| LED | Vesta TW 6mm DP |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 37.0° / 58.0° |
| Efficiency | 86 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| Bender Wirth: 504 Typ B35L | |

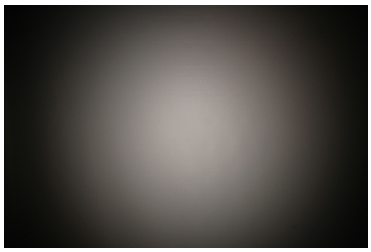


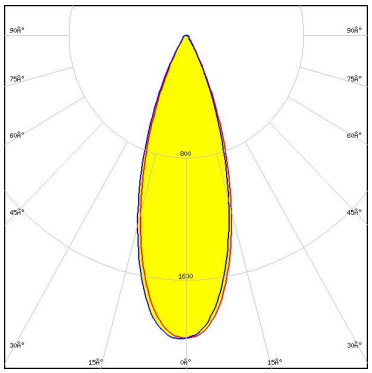


Light distribution files

bridgelux

| | |
|---|---|
| LED | Vesta TW 9mm (9W) DP |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 60.0° |
| Efficiency | 85 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |
| Bender Wirth: 489 Typ L8 | |





Light distribution files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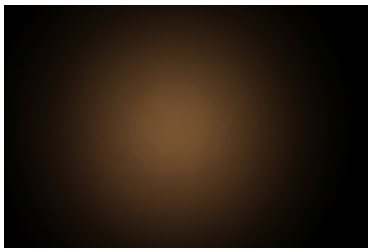
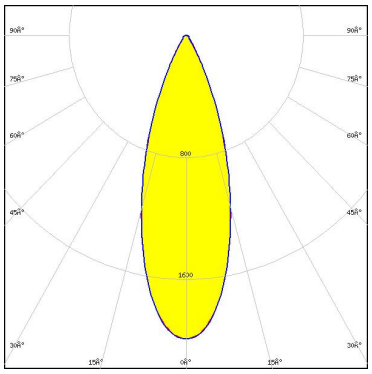
## OPTICAL RESULTS (MEASURED):

### CITIZEN

| | |
|---|---|
| LED | CLL02x/CLU02x (LES10) |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 60.0° |
| Efficiency | 86 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |



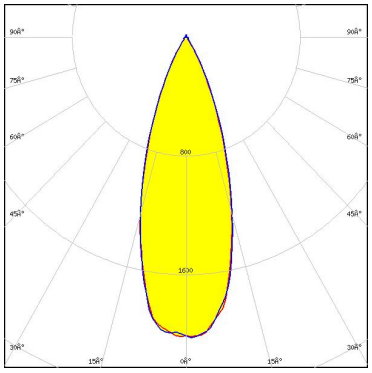


Light distribution files

### CITIZEN

| | |
|---|---|
| LED | CLL02x/CLU02x (LES10) |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 35.0° / 60.0° |
| Efficiency | 87 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| Green Gems: GH27d | |

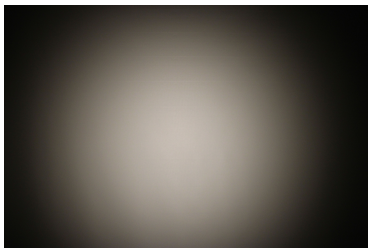


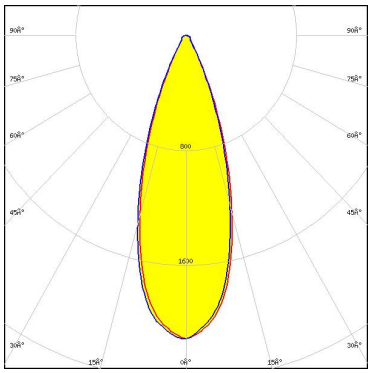


Light distribution files

### CITIZEN

| | |
|---|---|
| LED | CLL02x/CLU02x (LES10) |
| Ordering code | CP19143_AMY-50-W-C2-WHT |
| FWHM / FWTM | 35.0° / 59.0° |
| Efficiency | 94 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |





Light distribution files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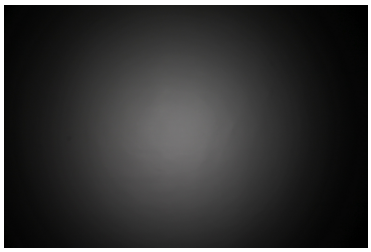
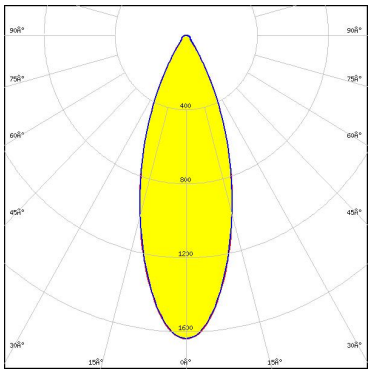
## OPTICAL RESULTS (MEASURED):

### CITIZEN

| | |
|---|---|
| LED | CLL03x/CLU03x |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 67.0° |
| Efficiency | 84 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17438_HEKLA-G2-I | |

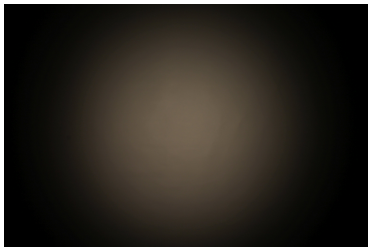


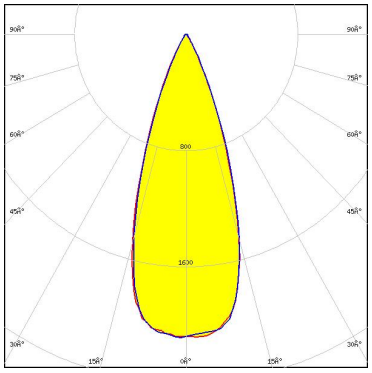


Light distribution files

### CITIZEN

| | |
|---|---|
| LED | CLU700/701/702/703 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 57.0° |
| Efficiency | 87 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |



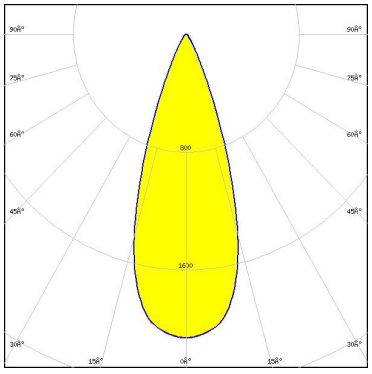


Light distribution files

### CITIZEN

| | |
|---|---|
| LED | CLU7A2/7A3 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 56.0° |
| Efficiency | 87 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |





Light distribution files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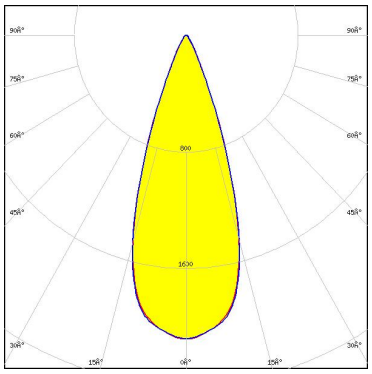
## OPTICAL RESULTS (MEASURED):

### CITIZEN

| | |
|---|---|
| LED | CLU7B2 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 55.0° |
| Efficiency | 88 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |



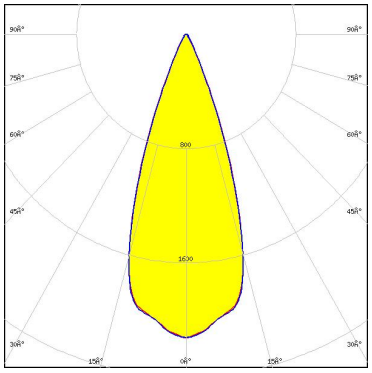


Light distribution files

### CITIZEN

| | |
|---|---|
| LED | CLU7L3 |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 38.0° / 54.0° |
| Efficiency | 89 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| Bender Wirth: 667a Bayonet35 | |



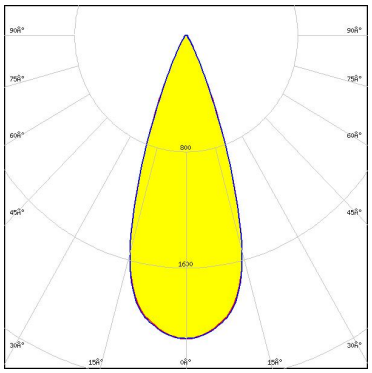


Light distribution files

### CITIZEN

| | |
|---|---|
| LED | CLU7S3 |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 38.0° / 55.0° |
| Efficiency | 88 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| Bender Wirth: 667a Bayonet35 | |





Light distribution files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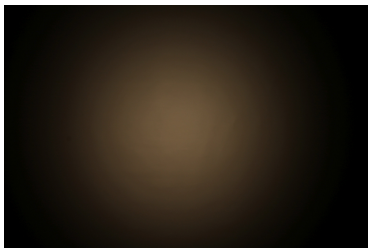
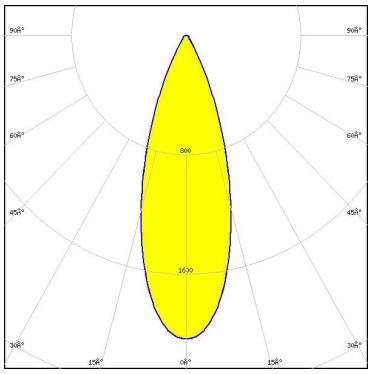
## OPTICAL RESULTS (MEASURED):

CREE LEDs

| | |
|---|---|
| LED | CMA1516 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 60.0° |
| Efficiency | 87 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17436_HEKLA-G2-D | |

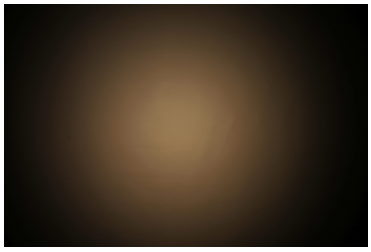


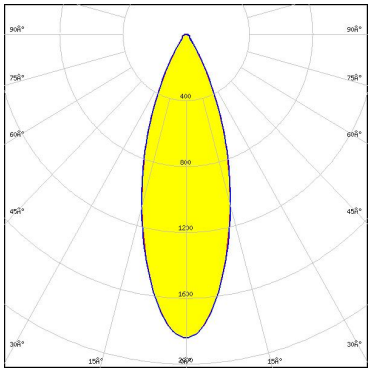


Light distribution files

CREE LEDs

| | |
|---|---|
| LED | CMA1825 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 64.0° |
| Efficiency | 86 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15254_HEKLA-SOCKET-B | |



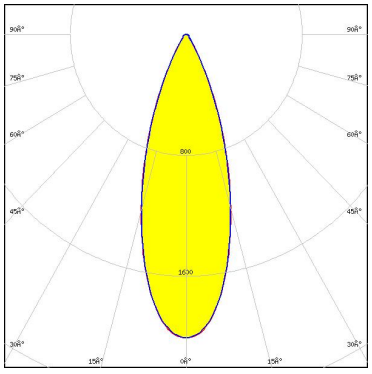


Light distribution files

CREE LEDs

| | |
|---|---|
| LED | CMT14xx |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 60.0° |
| Efficiency | 86 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |





Light distribution files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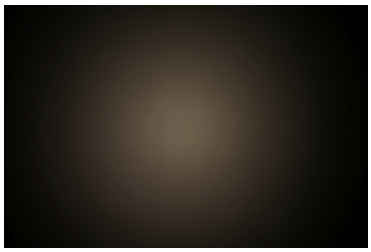
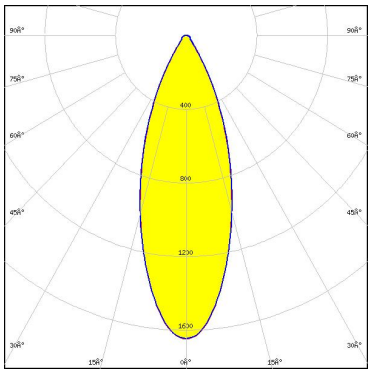
## OPTICAL RESULTS (MEASURED):

CREE LEDs

| | |
|---|---|
| LED | CMT19xx |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 67.0° |
| Efficiency | 84 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17438_HEKLA-G2-I | |

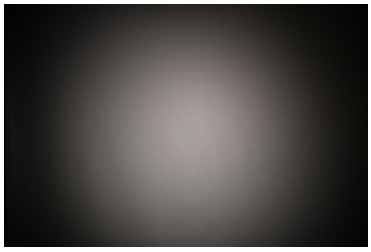


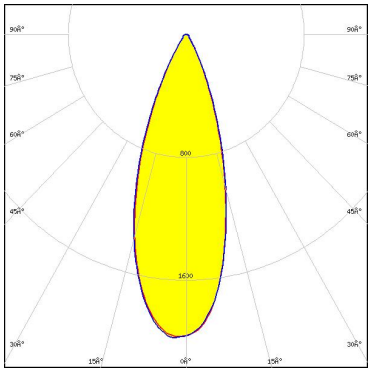


Light distribution files

CREE LEDs

| | |
|---|---|
| LED | CMU10xx |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 61.0° |
| Efficiency | 87 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |

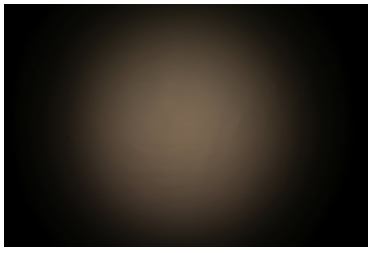


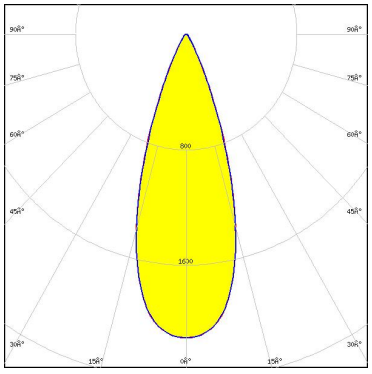


Light distribution files

CREE LEDs

| | |
|---|---|
| LED | CXA/B 13xx |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 57.0° |
| Efficiency | 88 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17439_HEKLA-G2-J | |





Light distribution files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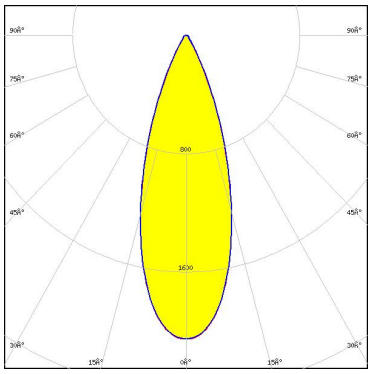
## OPTICAL RESULTS (MEASURED):

CREE LEDs

| | |
|---|---|
| LED | CXA/B 15xx |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 59.0° |
| Efficiency | 87 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17436_HEKLA-G2-D | |



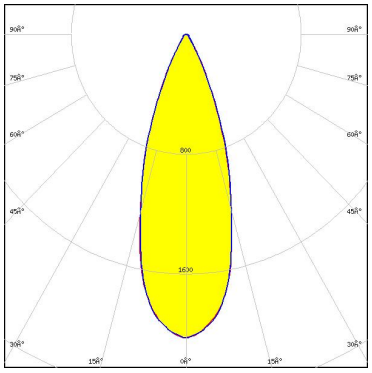


Light distribution files

LEDIM

| | |
|---|---|
| LED | LEDIM/C6 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 60.0° |
| Efficiency | 87 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17438_HEKLA-G2-I | |



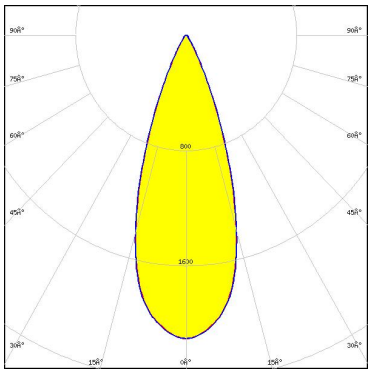


Light distribution files

LUMILEDS

| | |
|---|---|
| LED | LUXEON 7070 |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 37.0° / 58.0° |
| Efficiency | 89 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| Bender Wirth: 634a Bayonet35L | |





Light distribution files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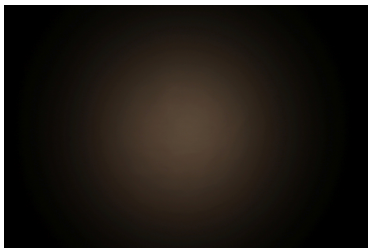
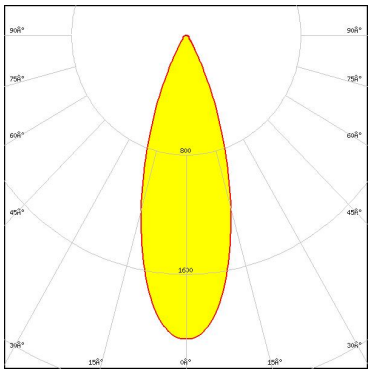
## OPTICAL RESULTS (MEASURED):

LUMILEDS

| | |
|---|---|
| LED | LUXEON CoB 1202/1203 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 59.0° |
| Efficiency | 86 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17437_HEKLA-G2-H | |

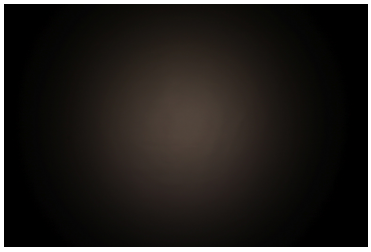


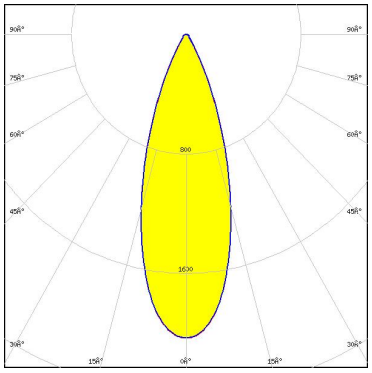


Light distribution files

LUMILEDS

| | |
|---|---|
| LED | LUXEON CoB 1204HD |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 60.0° |
| Efficiency | 86 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17437_HEKLA-G2-H | |



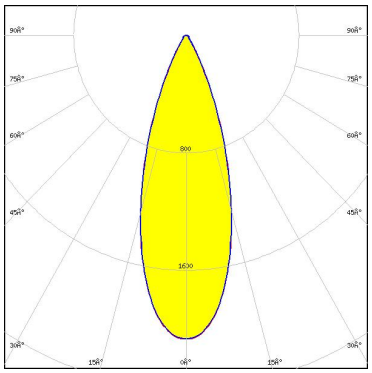


Light distribution files

LUMILEDS

| | |
|---|---|
| LED | LUXEON CoB M02/M03 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 60.0° |
| Efficiency | 87 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17436_HEKLA-G2-D | |





Light distribution files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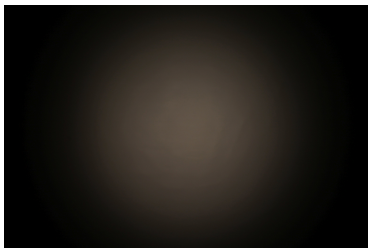
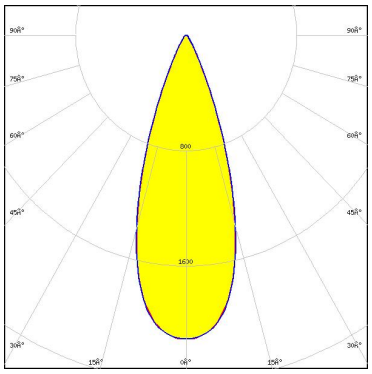
## OPTICAL RESULTS (MEASURED):

LUMILEDS

| | |
|---|---|
| LED | LUXEON CoB S01 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 57.0° |
| Efficiency | 88 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17439_HEKLA-G2-J | |

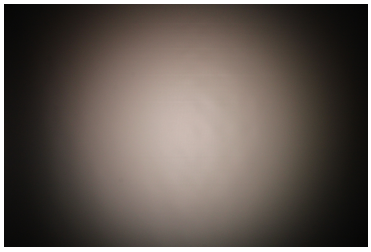


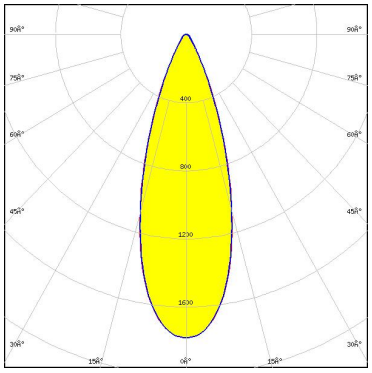


Light distribution files

LUMILEDS

| | |
|---|---|
| LED | LUXEON Fusion 12-up (20x24) |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 61.0° |
| Efficiency | 80 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |
| F18158_HEKLA-RZ-LENS | |
| Bender Wirth: 442 Typ L8 | |

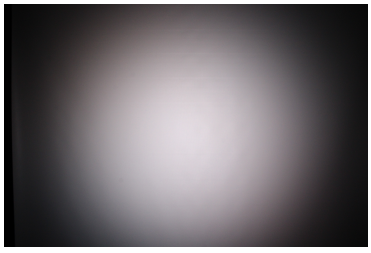


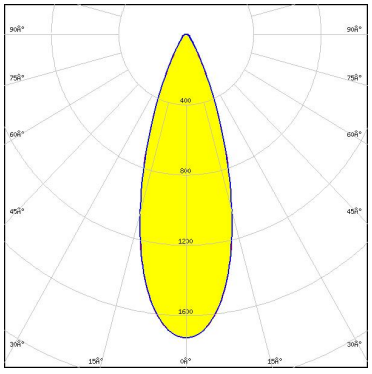


Light distribution files

LUMILEDS

| | |
|---|---|
| LED | LUXEON Fusion 21-up (20x24) |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 62.0° |
| Efficiency | 79 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |
| F18158_HEKLA-RZ-LENS | |
| Bender Wirth: 442 Typ L8 | |





Light distribution files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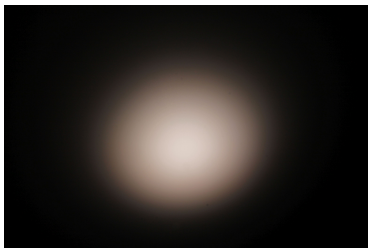
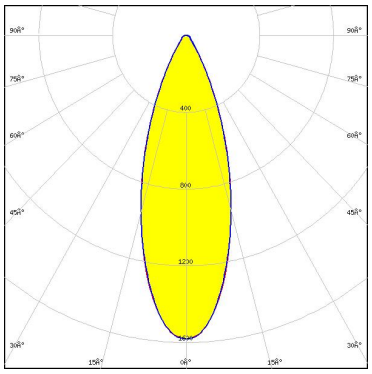
## OPTICAL RESULTS (MEASURED):

LUMILEDS

| | |
|---|---|
| LED | LUXEON Fusion 27-up (20x24) |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 65.0° |
| Efficiency | 78 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |
| F18158_HEKLA-RZ-LENS | |
| Bender Wirth: 442 Typ L8 | |

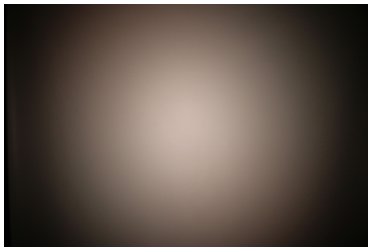


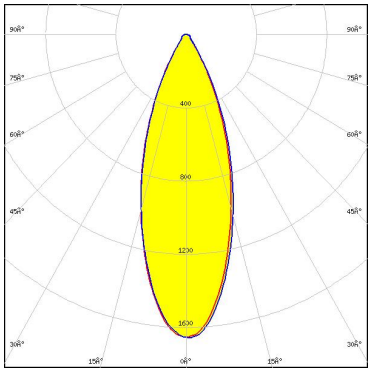


Light distribution files

LUMINUS

| | |
|---|---|
| LED | CTM-14 (Tunable White) Gen2 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 66.0° |
| Efficiency | 83 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |
| Bender Wirth: 442 Typ L8 | |



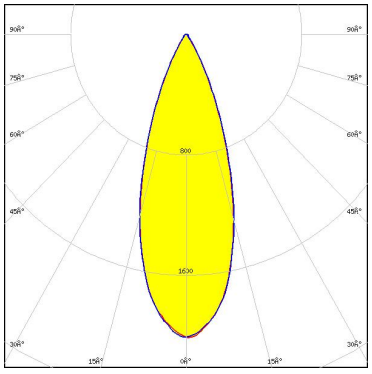


Light distribution files

LUMINUS

| | |
|---|---|
| LED | CTM-9 (Tunable White) |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 36.0° / 61.0° |
| Efficiency | 86 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| Bender Wirth: 495 Typ B35L | |





Light distribution files

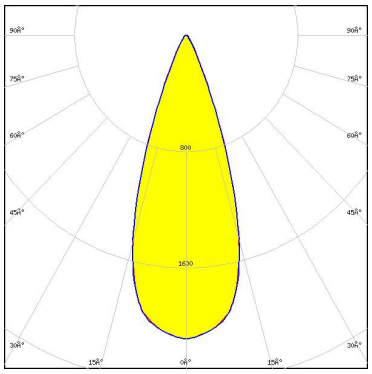

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

## OPTICAL RESULTS (MEASURED):

LUMINUS

| | |
|---|---|
| LED | CXM-3 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 55.0° |
| Efficiency | 88 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |

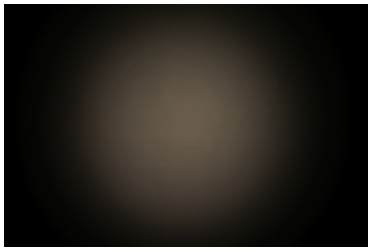


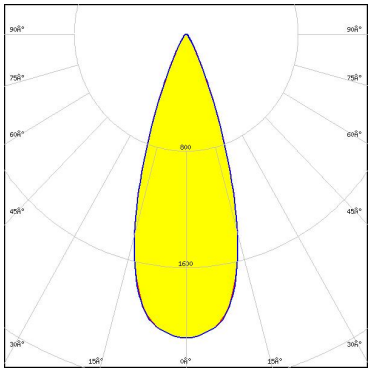


Light distribution files

LUMINUS

| | |
|---|---|
| LED | CXM-4 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 56.0° |
| Efficiency | 88 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |

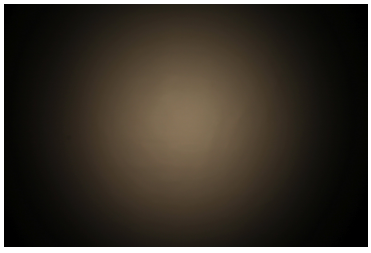


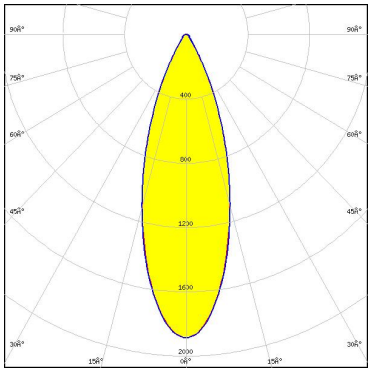


Light distribution files

NICHIA

| | |
|---|---|
| LED | COB L-Type (LES 11) |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 62.0° |
| Efficiency | 85 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17437_HEKLA-G2-H | |





Light distribution files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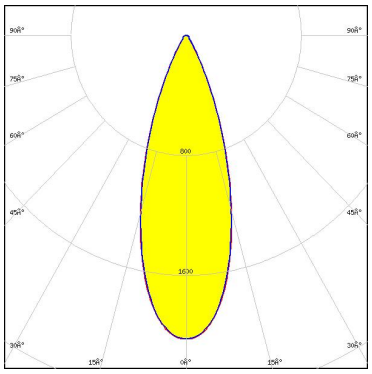
## OPTICAL RESULTS (MEASURED):

NICHIA

| | |
|---|---|
| LED | COB L-Type (LES 9) |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 59.0° |
| Efficiency | 86 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17437_HEKLA-G2-H | |

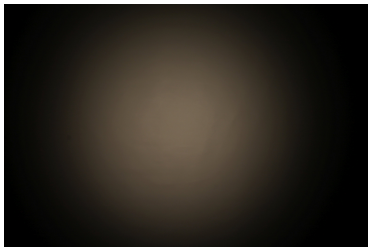


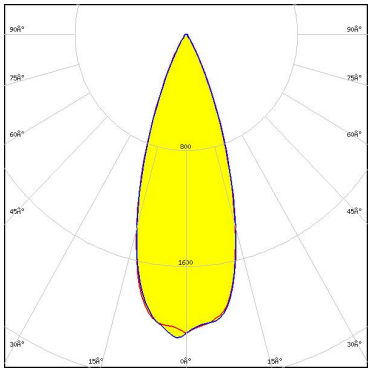


Light distribution files

NICHIA

| | |
|---|---|
| LED | COB S-Type (LES 7) |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 58.0° |
| Efficiency | 88 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15848_HEKLA-SOCKET-G | |



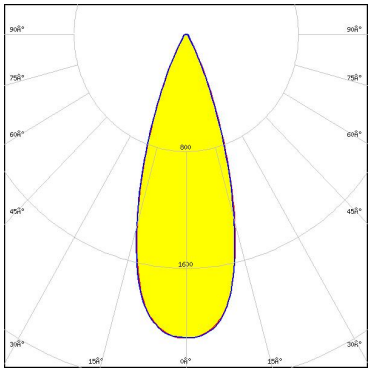


Light distribution files

PHILIPS

| | |
|---|---|
| LED | Fortimo SLM C TW L06A 1313 G7N |
| FWHM / FWTM | 36.0° / 57.0° |
| Efficiency | 87 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | Tunable White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |
| Bender Wirth: 508 Typ L8 | |





Light distribution files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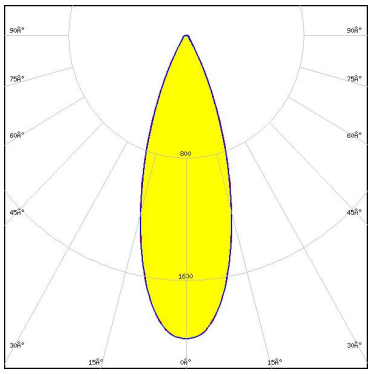
## OPTICAL RESULTS (MEASURED):

PHILIPS

| | |
|---|---|
| LED | Fortimo SLM C TW L09A 1919 G7N |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 60.0° |
| Efficiency | 86 % |
| Peak intensity | 2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | Tunable White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |
| Bender Wirth: 501 Typ L8 | |

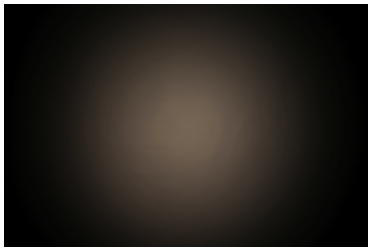


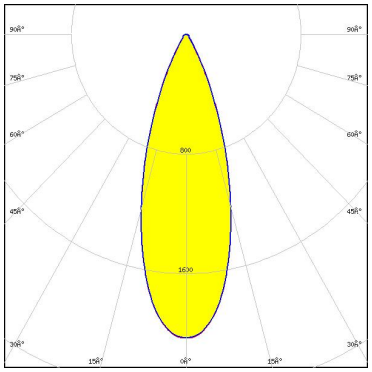


Light distribution files

PHILIPS

| | |
|---|---|
| LED | Fortimo SLM L09 CoB |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 60.0° |
| Efficiency | 86 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |



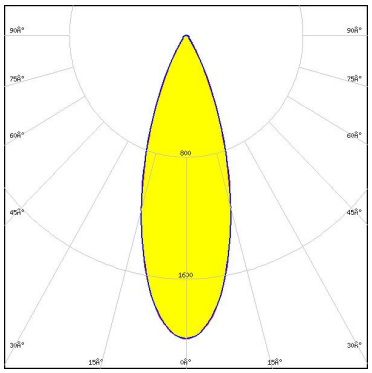


Light distribution files

SAMSUNG

| | |
|---|---|
| LED | LC003D / LC006D / LC009D / LC013D |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 60.0° |
| Efficiency | 86 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |





Light distribution files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## OPTICAL RESULTS (MEASURED):

SAMSUNG

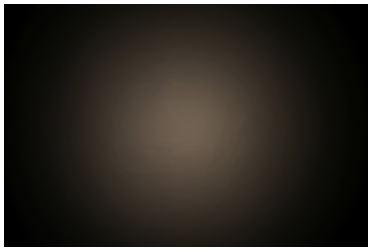
| | |
|---|---|
| LED | LC016D / LC019D / LC026D / LC033D |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 38.0° / 70.0° |
| Efficiency | 84 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17438_HEKLA-G2-I | |

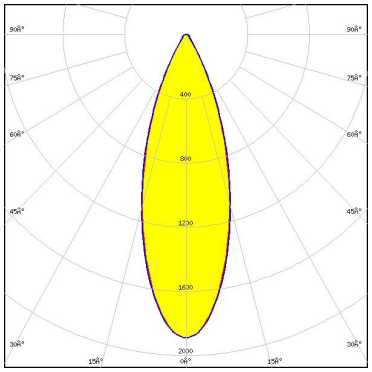


Light distribution files

SAMSUNG

| | |
|---|---|
| LED | LC030C/040C G2 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 63.0° |
| Efficiency | 85 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17438_HEKLA-G2-I | |



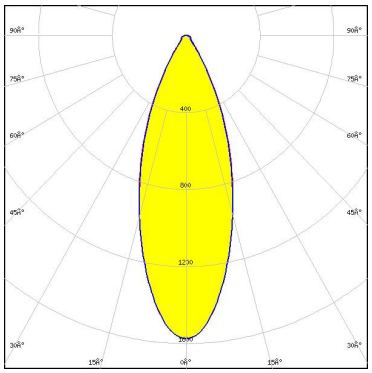


Light distribution files

SEOUL SEMICONDUCTOR

| | |
|---|---|
| LED | MJT COB LES 14.5 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 37.0° / 68.0° |
| Efficiency | 84 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17438_HEKLA-G2-I | |





Light distribution files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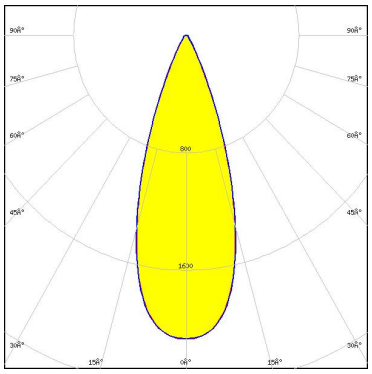
## OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

| | |
|---|---|
| LED | MJT COB LES 6 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 57.0° |
| Efficiency | 87 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |



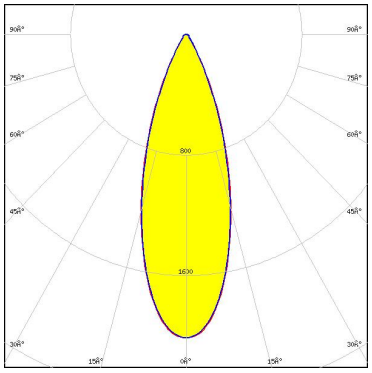


Light distribution files

SEOUL SEMICONDUCTOR

| | |
|---|---|
| LED | MJT COB LES 9.8 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 60.0° |
| Efficiency | 86 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |

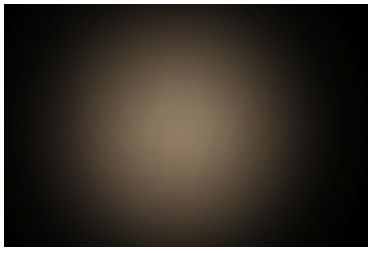


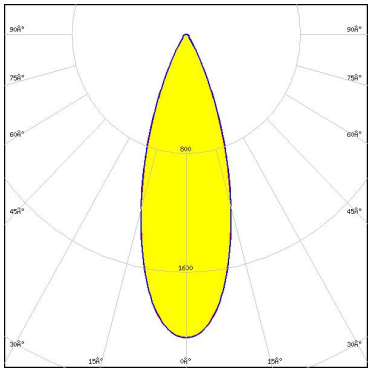


Light distribution files

TRIDONIC

| | |
|---|---|
| LED | SLE G7 LES09 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 59.0° |
| Efficiency | 86 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15848_HEKLA-SOCKET-G | |





Light distribution files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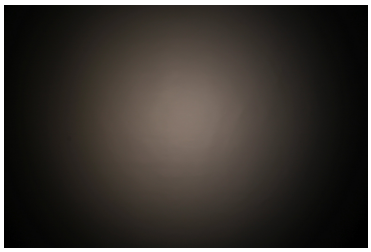
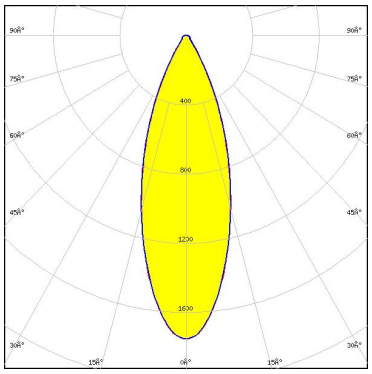
## OPTICAL RESULTS (MEASURED):

TRIDONIC

| | |
|---|---|
| LED | SLE G7 LES13 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 65.0° |
| Efficiency | 84 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17438_HEKLA-G2-I | |



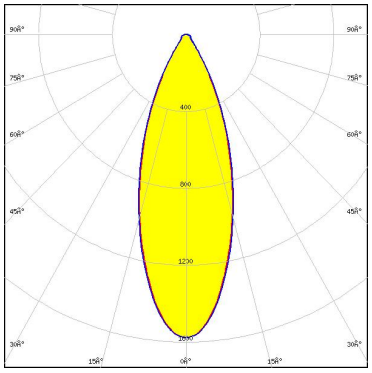


Light distribution files

TRIDONIC

| | |
|---|---|
| LED | SLE G7 LES15 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 37.0° / 68.0° |
| Efficiency | 84 % |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17438_HEKLA-G2-I | |





Light distribution files

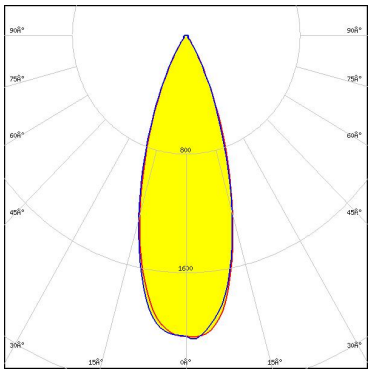

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

## OPTICAL RESULTS (SIMULATED):

bridgelux

| | |
|---|---|
| LED | V10 Gen 8-9 |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 35.0° / 60.0° |
| Efficiency | 86 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

BJB: 47.360.1020



Light distribution files

bridgelux

| | |
|---|---|
| LED | V3 HD Gen 8 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 37.0° / 56.0° |
| Efficiency | 91 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

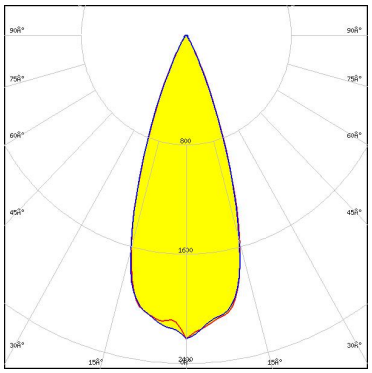
F15253_HEKLA-SOCKET-A

Light distribution files

bridgelux

| | |
|---|---|
| LED | V3 HD Gen 8 FC |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 38.0° / 55.0° |
| Efficiency | 91 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

F15255_HEKLA-SOCKET-C



Light distribution files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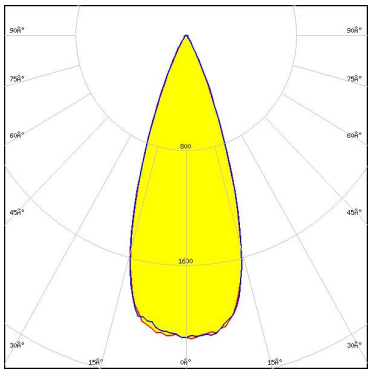
## OPTICAL RESULTS (SIMULATED):

bridgelux

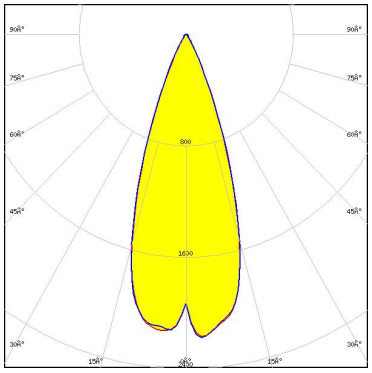
| | |
|---|---|
| LED | V4 HD Gen 7 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 38.2° / 56.3° |
| Efficiency | 88 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15253_HEKLA-SOCKET-A | |



Light distribution files

bridgelux

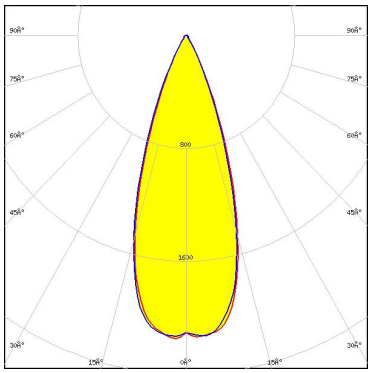
| | |
|---|---|
| LED | V4 HD Gen 8 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 37.0° / 56.0° |
| Efficiency | 91 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15253_HEKLA-SOCKET-A | |



Light distribution files

bridgelux

| | |
|---|---|
| LED | V6 Gen 8-9 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 37.0° / 57.0° |
| Efficiency | 90 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15253_HEKLA-SOCKET-A | |



Light distribution files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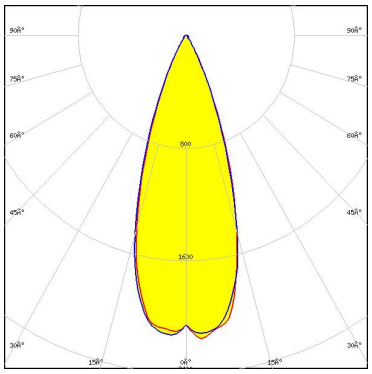
## OPTICAL RESULTS (SIMULATED):

bridgelux

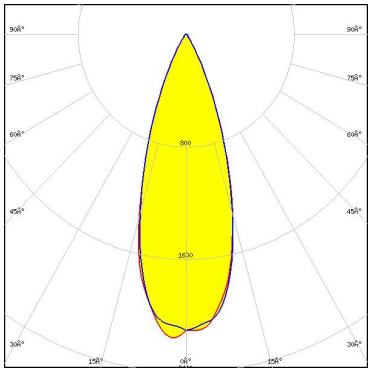
| | |
|---|---|
| LED | V6 HD Gen 8 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 58.0° |
| Efficiency | 90 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15255_HEKLA-SOCKET-C | |



Light distribution files

bridgelux

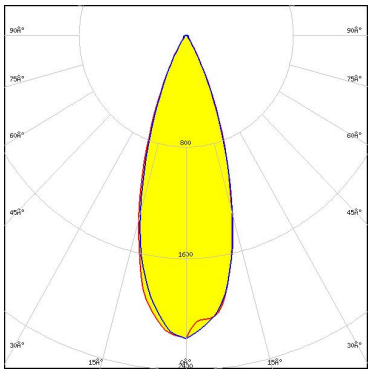
| | |
|---|---|
| LED | V8 Gen7 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 58.0° |
| Efficiency | 86 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15253_HEKLA-SOCKET-A | |



Light distribution files

bridgelux

| | |
|---|---|
| LED | V9 HD Gen 8 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 59.0° |
| Efficiency | 89 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15859_HEKLA-SOCKET-I | |



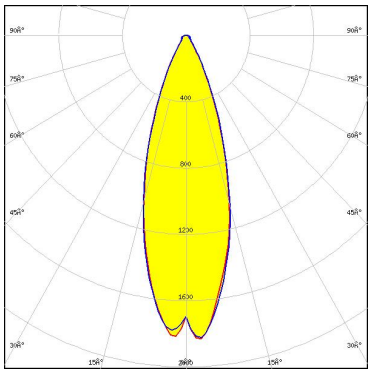
Light distribution files


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

## OPTICAL RESULTS (SIMULATED):

bridgelux

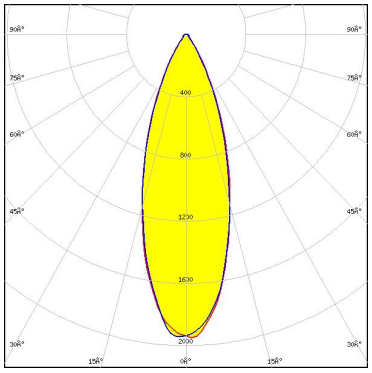
| | |
|---|---|
| LED | Vero SE 13 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 61.0° |
| Efficiency | 80 % |
| Peak intensity | 1.9 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |



Light distribution files

bridgelux

| | |
|---|---|
| LED | VERO13 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 65.0° |
| Efficiency | 88 % |
| Peak intensity | 2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |

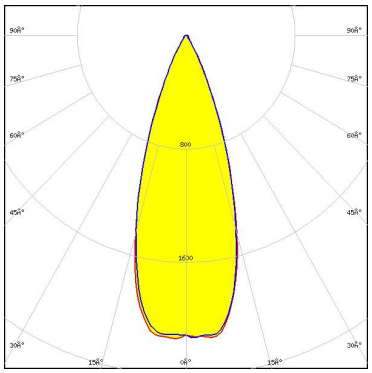


Light distribution files

bridgelux

| | |
|---|---|
| LED | Vesta DTW 6mm |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 58.0° |
| Efficiency | 90 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

Bender Wirth: 652b Hekla



Light distribution files

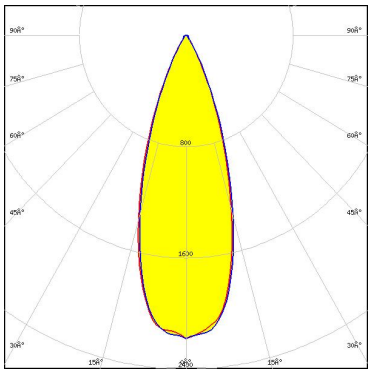

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

## OPTICAL RESULTS (SIMULATED):

bridgelux

| | |
|---|---|
| LED | Vesta DTW 9mm (4W/6W/12W) |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 59.0° |
| Efficiency | 90 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

Bender Wirth: 652b Hekla

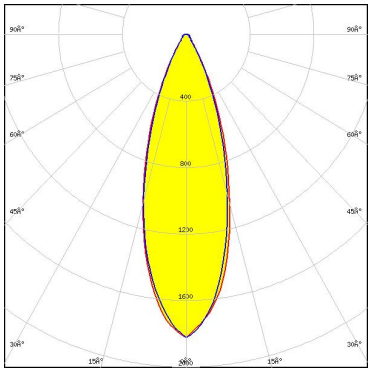


Light distribution files

bridgelux

| | |
|---|---|
| LED | Vesta SE 13mm TW |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 33.0° / 63.0° |
| Efficiency | 81 % |
| Peak intensity | 1.8 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | Tunable White |
| Required components: | |

C16142_HEKLA-SOCKET-K

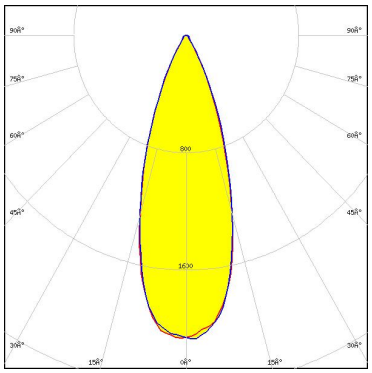


Light distribution files

CITIZEN

| | |
|---|---|
| LED | CLL02x/CLU02x (LES10) |
| Ordering code | C17688_AMY-50-W |
| FWHM / FWTM | 34.2° / 60.3° |
| Efficiency | 88 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

F17435_HEKLA-G2-C



Light distribution files

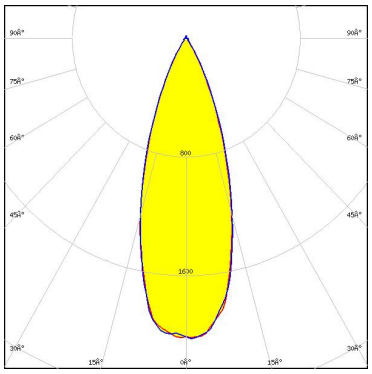

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

## OPTICAL RESULTS (SIMULATED):

### CITIZEN

| | |
|---|---|
| LED | CLL02x/CLU02x (LES10) |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 35.0° / 60.0° |
| Efficiency | 88 % |
| Peak intensity | 2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

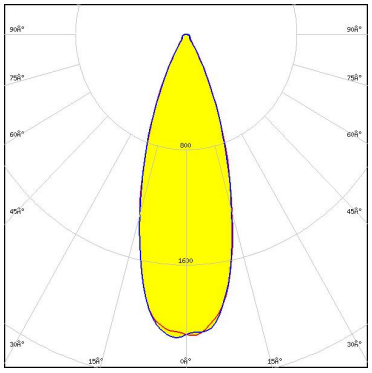
BJB: 47.360.1020



Light distribution files

### CITIZEN

| | |
|---|---|
| LED | CLL02x/CLU02x (LES10) |
| Ordering code | CP19143_AMY-50-W-C2-WHT |
| FWHM / FWTM | 35.0° / 61.0° |
| Efficiency | 95 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |

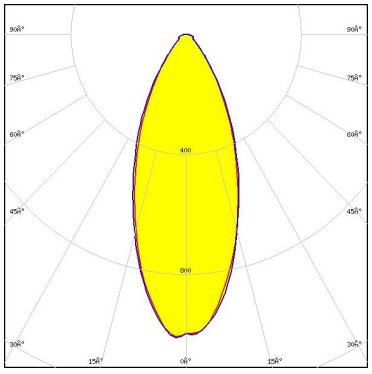


Light distribution files

### CITIZEN

| | |
|---|---|
| LED | CLL04x/CLU04x |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 42.0° / 83.0° |
| Efficiency | 73 % |
| Peak intensity | 1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

Bender Wirth: 631a Hekla XL



Light distribution files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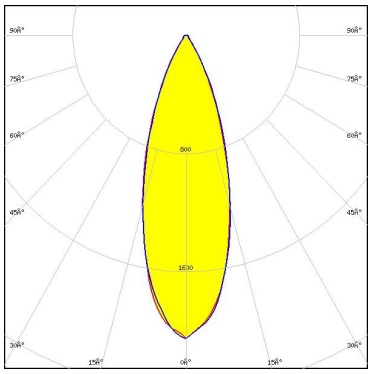
## OPTICAL RESULTS (SIMULATED):

### CITIZEN

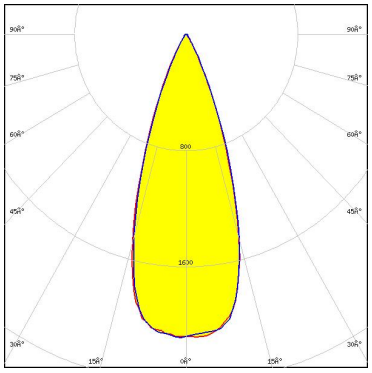
| | |
|---|---|
| LED | CLU02Q Type-F |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 62.0 + 63.0° |
| Efficiency | 88 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |



Light distribution files

### CITIZEN

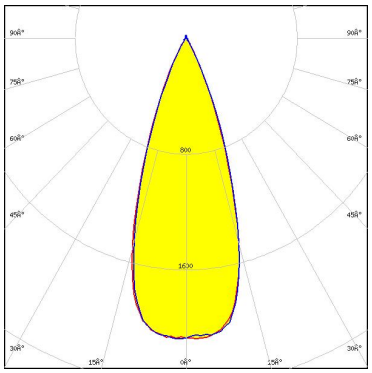
| | |
|---|---|
| LED | CLU700/701/702/703 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.2° / 56.3° |
| Efficiency | 87 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15255_HEKLA-SOCKET-C | |



Light distribution files

### CITIZEN

| | |
|---|---|
| LED | CLU700/701/702/703 |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 36.2° / 56.3° |
| Efficiency | 90 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |



BJB: 47.360.1020

Light distribution files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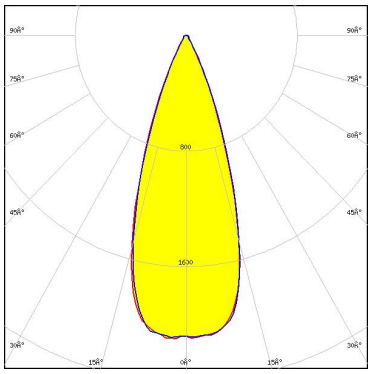
## OPTICAL RESULTS (SIMULATED):

### CITIZEN

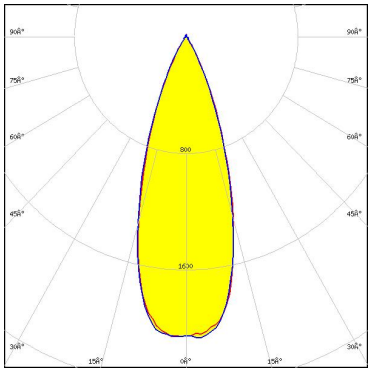
| | |
|---|---|
| LED | CLU700/701/702/703 |
| Ordering code | C17688_AMY-50-W |
| FWHM / FWTM | 36.2° / 56.3° |
| Efficiency | 90 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |



Light distribution files

### CITIZEN

| | |
|---|---|
| LED | CLU710/711 |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 36.0° / 58.0° |
| Efficiency | 89 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

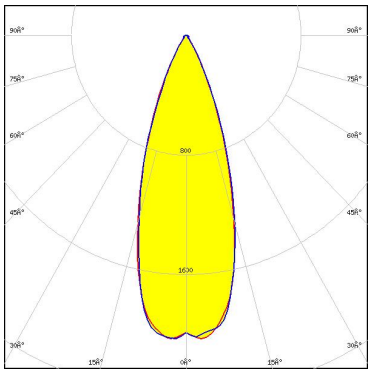


BJB: 47.360.1010

Light distribution files

### CITIZEN

| | |
|---|---|
| LED | CLU712/713 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 60.0° |
| Efficiency | 87 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17438_HEKLA-G2-I | |



Light distribution files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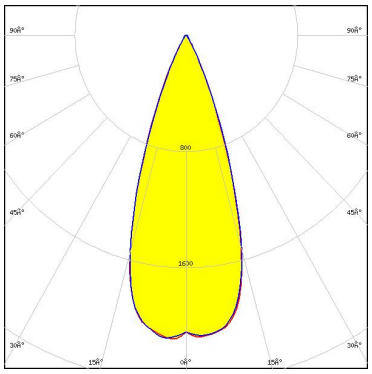
## OPTICAL RESULTS (SIMULATED):

CREE LEDs

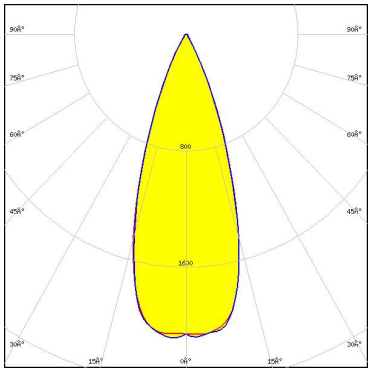
| | |
|---|---|
| LED | CHA0410 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 38.0° / 56.0° |
| Efficiency | 88 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |



Light distribution files

CREE LEDs

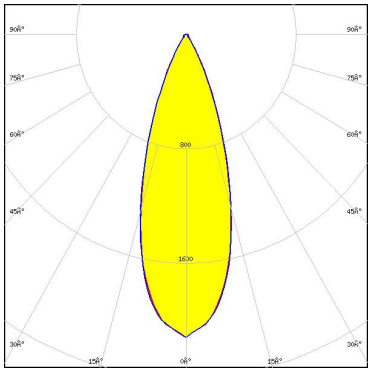
| | |
|---|---|
| LED | CHA0612 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 37.0° / 58.0° |
| Efficiency | 88 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |



Light distribution files

CREE LEDs

| | |
|---|---|
| LED | CMU10xx |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 34.0° / 60.0° |
| Efficiency | 86 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |



BJB: 47.360.1020

Light distribution files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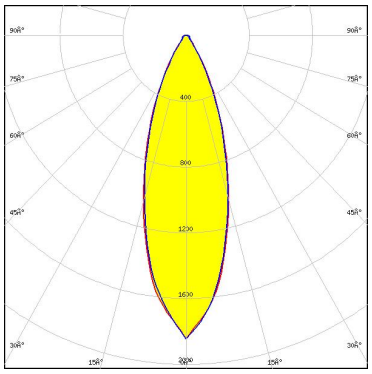
## OPTICAL RESULTS (SIMULATED):

CREE LEDs

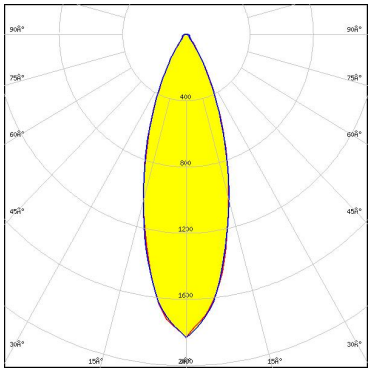
| | |
|---|---|
| LED | CMU15xx |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 66.0° |
| Efficiency | 84 % |
| Peak intensity | 1.8 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17438_HEKLA-G2-I | |



Light distribution files

CREE LEDs

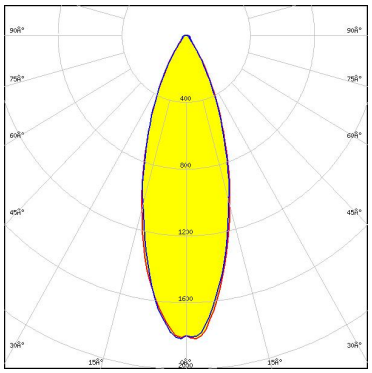
| | |
|---|---|
| LED | CMU15xx |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 66.0° |
| Efficiency | 84 % |
| Peak intensity | 1.8 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17438_HEKLA-G2-I | |



Light distribution files

LUMILEDS

| | |
|---|---|
| LED | LUXEON CX Plus CoB L08 (Gen2) |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 67.0° |
| Efficiency | 87 % |
| Peak intensity | 1.8 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |



Bender Wirth: 637a Hekla

Light distribution files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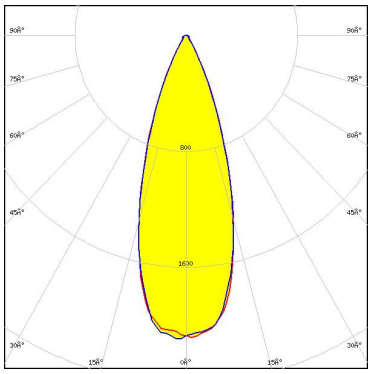
## OPTICAL RESULTS (SIMULATED):

LUMILEDS

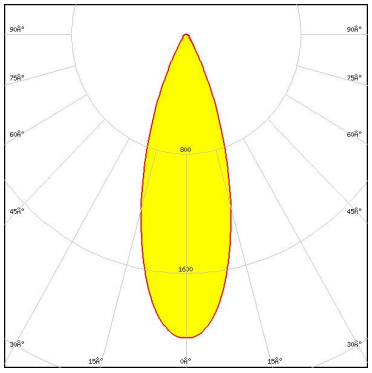
| | |
|---|---|
| LED | LUXEON CoB 1202/1203 |
| Ordering code | C17688_AMY-50-W |
| FWHM / FWTM | 35.0° / 59.0° |
| Efficiency | 89 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17437_HEKLA-G2-H | |



Light distribution files

LUMILEDS

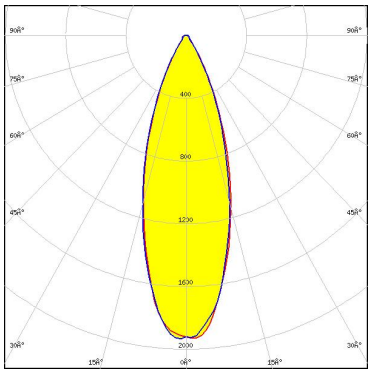
| | |
|---|---|
| LED | LUXEON CoB 1202/1203 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.2° / 59.0° |
| Efficiency | 85 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15858_HEKLA-SOCKET-H | |



Light distribution files

LUMILEDS

| | |
|---|---|
| LED | LUXEON CoB 1204/1205 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 64.0° |
| Efficiency | 87 % |
| Peak intensity | 2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |



Light distribution files

Bender Wirth: 632a Hekla XL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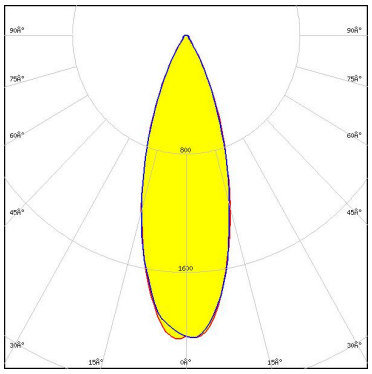
## OPTICAL RESULTS (SIMULATED):

LUMILEDS

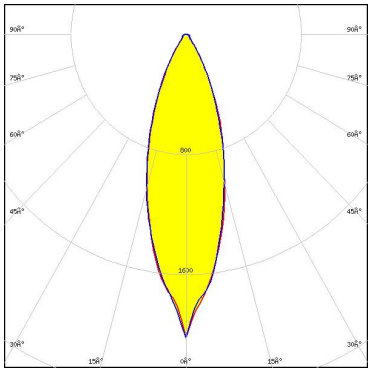
| | |
|---|---|
| LED | LUXEON CoB 1205HD |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 62.0° |
| Efficiency | 88 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15858_HEKLA-SOCKET-H | |



Light distribution files

LUMILEDS

| | |
|---|---|
| LED | LUXEON CoB 1208 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 31.0° / 64.0° |
| Efficiency | 86 % |
| Peak intensity | 2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

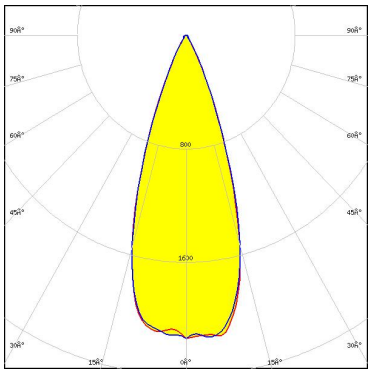


Bender Wirth: 632a Hekla XL

Light distribution files

LUMILEDS

| | |
|---|---|
| LED | LUXEON CX Plus CoB - HD S01H4 |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 37.0° / 56.0° |
| Efficiency | 90 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |



Bender Wirth: 634c Bayonet35L

Light distribution files

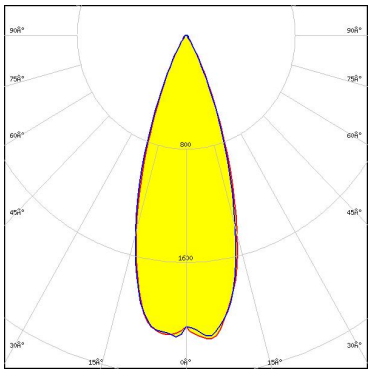

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

## OPTICAL RESULTS (SIMULATED):

LUMILEDS

| | |
|---|---|
| LED | LUXEON CX Plus CoB - HD S02H6 |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 36.0° / 58.0° |
| Efficiency | 90 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

Bender Wirth: 634c Bayonet35L

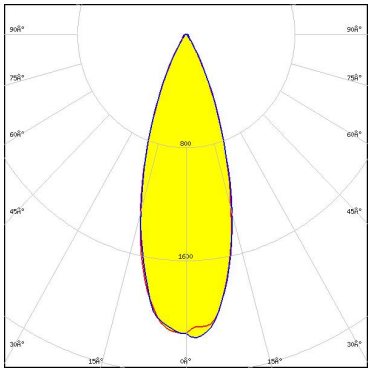


Light distribution files

LUMILEDS

| | |
|---|---|
| LED | LUXEON CX Plus CoB - HD S04H9 |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 34.0° / 60.0° |
| Efficiency | 89 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

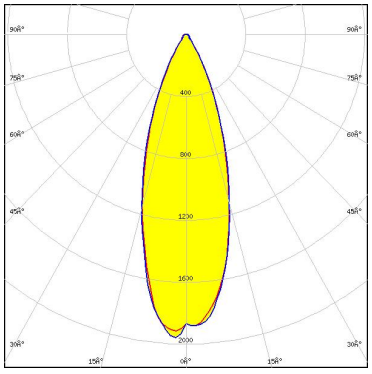
Bender Wirth: 634a Bayonet35L



Light distribution files

LUMILEDS

| | |
|---|---|
| LED | LUXEON CX Plus CoB L04 / L05 (Gen2) |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 63.0° |
| Efficiency | 87 % |
| Peak intensity | 2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15254_HEKLA-SOCKET-B | |



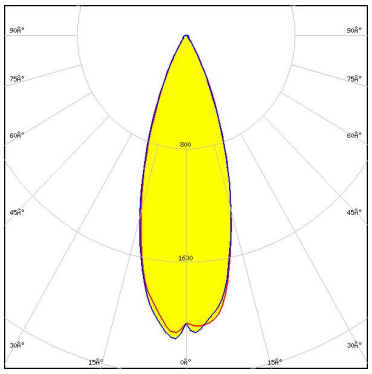
Light distribution files


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

## OPTICAL RESULTS (SIMULATED):

LUMILEDS

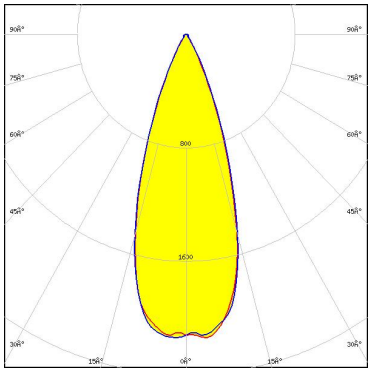
| | |
|---|---|
| LED | LUXEON CX Plus CoB M02 / M03 (Gen2) |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 60.0° |
| Efficiency | 88 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15256_HEKLA-SOCKET-D | |



Light distribution files

LUMILEDS

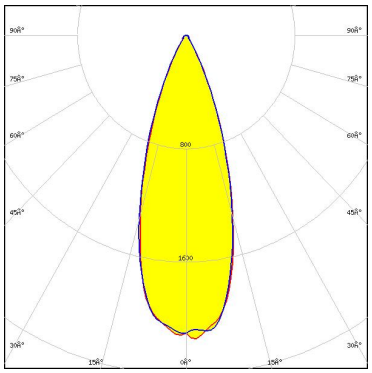
| | |
|---|---|
| LED | LUXEON CX Plus CoB S01 (Gen2) |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 58.0° |
| Efficiency | 90 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15956_HEKLA-SOCKET-J | |



Light distribution files

LUMINUS

| | |
|---|---|
| LED | CHM-9 XH (19x19) |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 59.0° |
| Efficiency | 89 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15859_HEKLA-SOCKET-I | |



Light distribution files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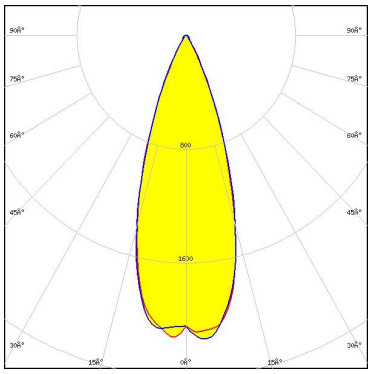
## OPTICAL RESULTS (SIMULATED):

LUMINUS

| | |
|---|---|
| LED | CTM-6 (Tunable White) Gen2 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 58.0° |
| Efficiency | 89 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | Tunable White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |

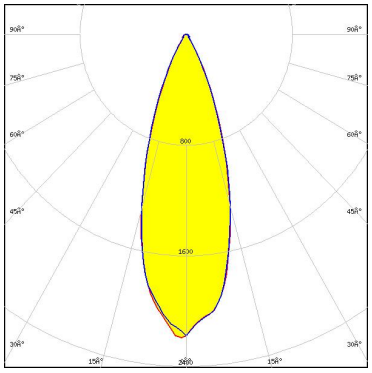


Light distribution files

Bender Wirth: 495 Typ L8

LUMINUS

| | |
|---|---|
| LED | CTM-9 (Tunable White) Gen2 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 59.0° |
| Efficiency | 88 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | Tunable White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |

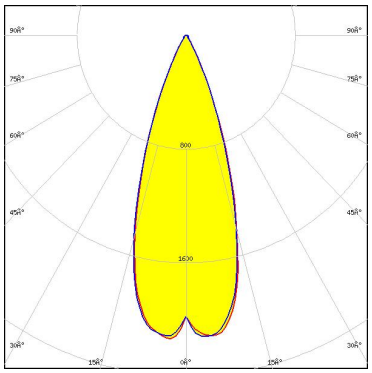


Light distribution files

Bender Wirth: 495 Typ L8

LUMINUS

| | |
|---|---|
| LED | CxM-6 (13.5x13.5) |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 36.0° / 57.0° |
| Efficiency | 89 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |



Light distribution files

BJB: 47.360.1020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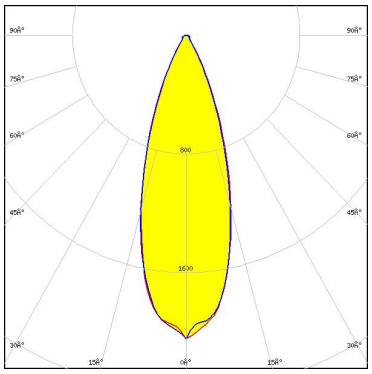
## OPTICAL RESULTS (SIMULATED):

LUMINUS

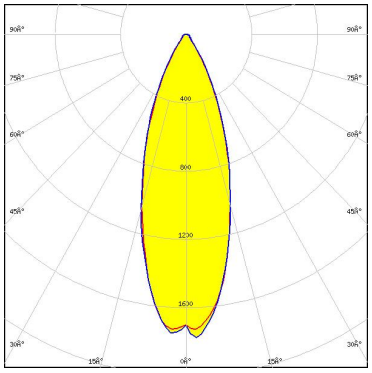
| | |
|---|---|
| LED | CxM-9 (13.5x13.5) |
| Ordering code | CP19152_AMY-50-W-B2-WHT |
| FWHM / FWTM | 34.0° / 60.0° |
| Efficiency | 89 % |
| Peak intensity | 2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C18968_SOCKET-B-35-C | |



Light distribution files

NICHIA

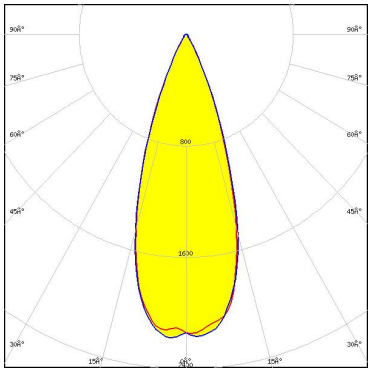
| | |
|---|---|
| LED | COB J-Type |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.0° / 68.0° |
| Efficiency | 87 % |
| Peak intensity | 1.8 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| Bender Wirth: 663a Hekla XL | |



Light distribution files

NICHIA

| | |
|---|---|
| LED | COB S-Type (LES 6) |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 36.0° / 56.0° |
| Efficiency | 90 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| Bender Wirth: 652a Bayonet35L | |



Light distribution files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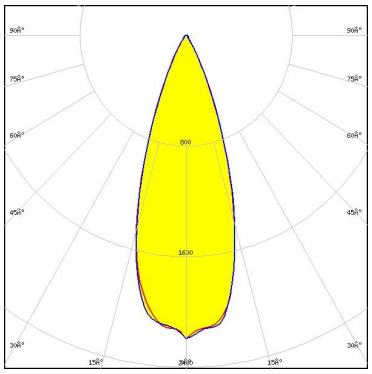
## OPTICAL RESULTS (SIMULATED):

NICHIA

| | |
|---|---|
| LED | COB S-Type (LES 7) |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 36.0° / 58.0° |
| Efficiency | 90 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

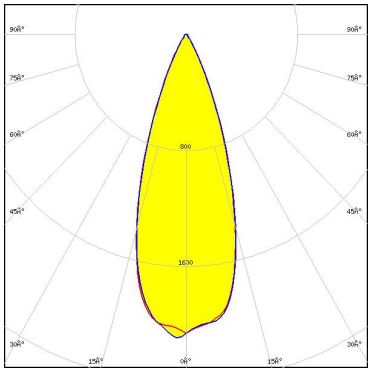


Bender Wirth: 652a Bayonet35L

Light distribution files

NICHIA

| | |
|---|---|
| LED | COB S-Type (LES 7) |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 58.0° |
| Efficiency | 86 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

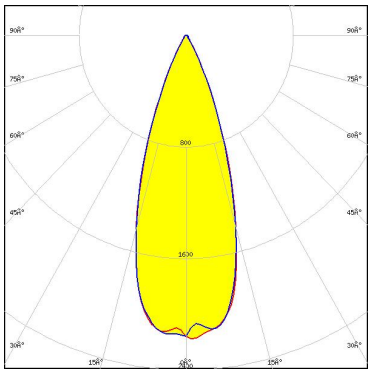


Bender Wirth: 652a Hekla

Light distribution files

NICHIA

| | |
|---|---|
| LED | COB T-Type |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 36.0° / 58.0° |
| Efficiency | 90 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |



Bender Wirth: 652a Bayonet35L

Light distribution files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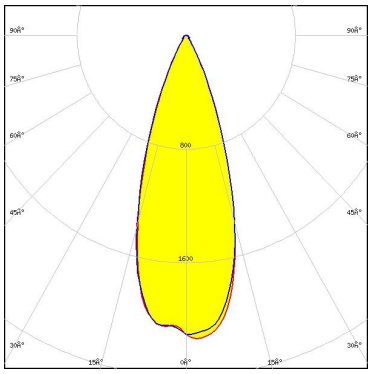
## OPTICAL RESULTS (SIMULATED):

NICHIA

| | |
|---|---|
| LED | NJCWL024Z-V1MT: COB L-Type Tunable White |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 58.0° |
| Efficiency | 89 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | Tunable White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |

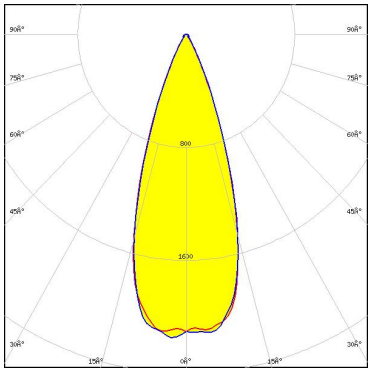


Light distribution files

Bender Wirth: 497 Typ L8 HV

NICHIA

| | |
|---|---|
| LED | NJNWS012Z-V1MT: COB S-Type Tunable White |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 56.0° |
| Efficiency | 89 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | Tunable White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |

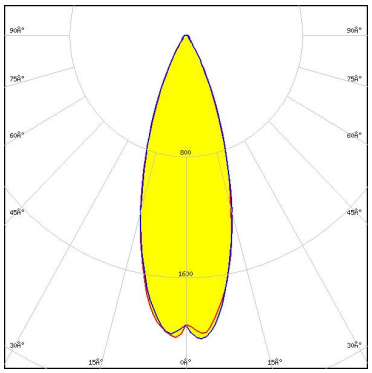


Light distribution files

Bender Wirth: 495 Typ L8 HV

NICHIA

| | |
|---|---|
| LED | NVCWJ024Z-V1MT: COB J-Type Tunable White |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 34.0° / 62.0° |
| Efficiency | 87 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | Tunable White |
| Required components: | |
| C16142_HEKLA-SOCKET-K | |



Light distribution files

Bender Wirth: 498 Typ L8 HV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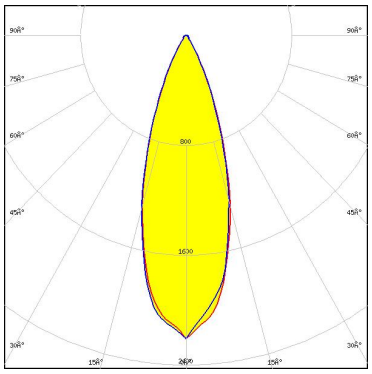
## OPTICAL RESULTS (SIMULATED):

SAMSUNG

| | |
|---|---|
| LED | LC003D / LC006D / LC009D / LC013D |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 34.0° / 60.0° |
| Efficiency | 88 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

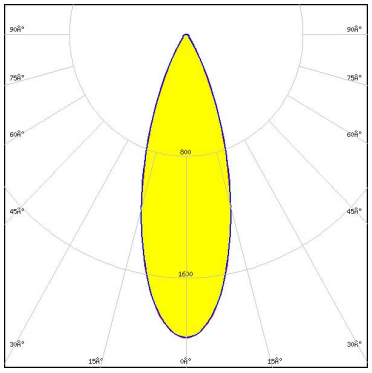
BJB: 47.360.1020



Light distribution files

SAMSUNG

| | |
|---|---|
| LED | LC003D / LC006D / LC009D / LC013D |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 35.2° / 60.3° |
| Efficiency | 84 % |
| Peak intensity | 2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15255_HEKLA-SOCKET-C | |

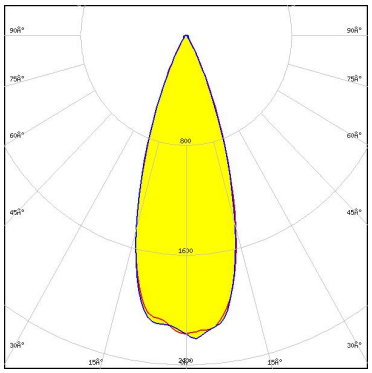


Light distribution files

SAMSUNG

| | |
|---|---|
| LED | LC010C G2 |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 36.0° / 56.0° |
| Efficiency | 89 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

BJB: 47.360.1020



Light distribution files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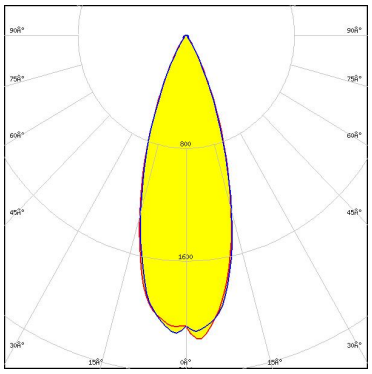
## OPTICAL RESULTS (SIMULATED):

SAMSUNG

| | |
|---|---|
| LED | LC020C G2 |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 34.0° / 59.0° |
| Efficiency | 87 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

BJB: 47.360.1010

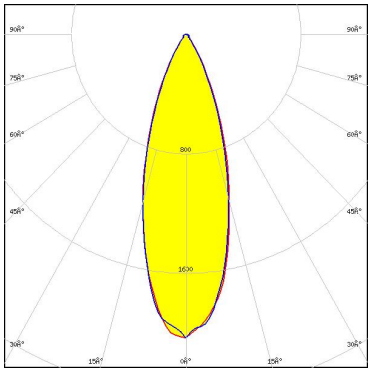


Light distribution files

SAMSUNG

| | |
|---|---|
| LED | LC030C/040C G2 |
| Ordering code | CP19134_AMY-50-W-B2 |
| FWHM / FWTM | 34.0° / 62.0° |
| Efficiency | 86 % |
| Peak intensity | 2.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

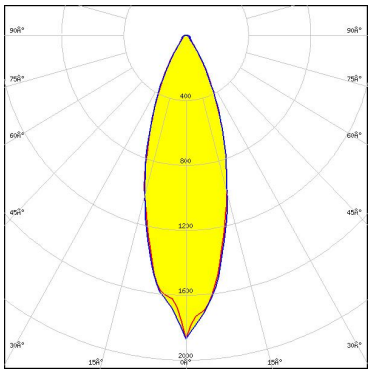
BJB: 47.360.1010



Light distribution files

SEOUL SEMICONDUCTOR

| | |
|---|---|
| LED | MJT COB LES 14.5 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 33.0° / 66.0° |
| Efficiency | 86 % |
| Peak intensity | 1.9 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F15859_HEKLA-SOCKET-I | |



Light distribution files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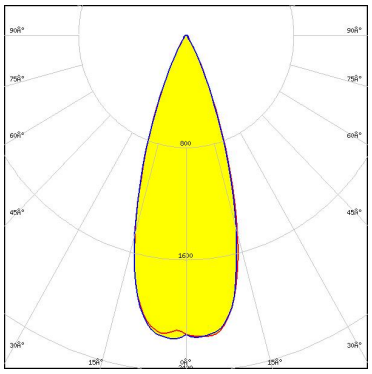
## OPTICAL RESULTS (SIMULATED):

TRIDONIC

| | |
|---|---|
| LED | SLE SNC8 LES06 |
| Ordering code | CP19125_AMY-50-W-C2 |
| FWHM / FWTM | 36.0° / 57.0° |
| Efficiency | 90 % |
| Peak intensity | 2.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| F17435_HEKLA-G2-C | |



Light distribution files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## 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.

## PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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