

AMY-110-S

~18° spot beam

SPECIFICATION:

|                |         |
|----------------|---------|
| Dimensions     | Ø 109.7 |
| Height         | 17 mm   |
| Fastening      | socket  |
| ROHS compliant | yes ⓘ   |

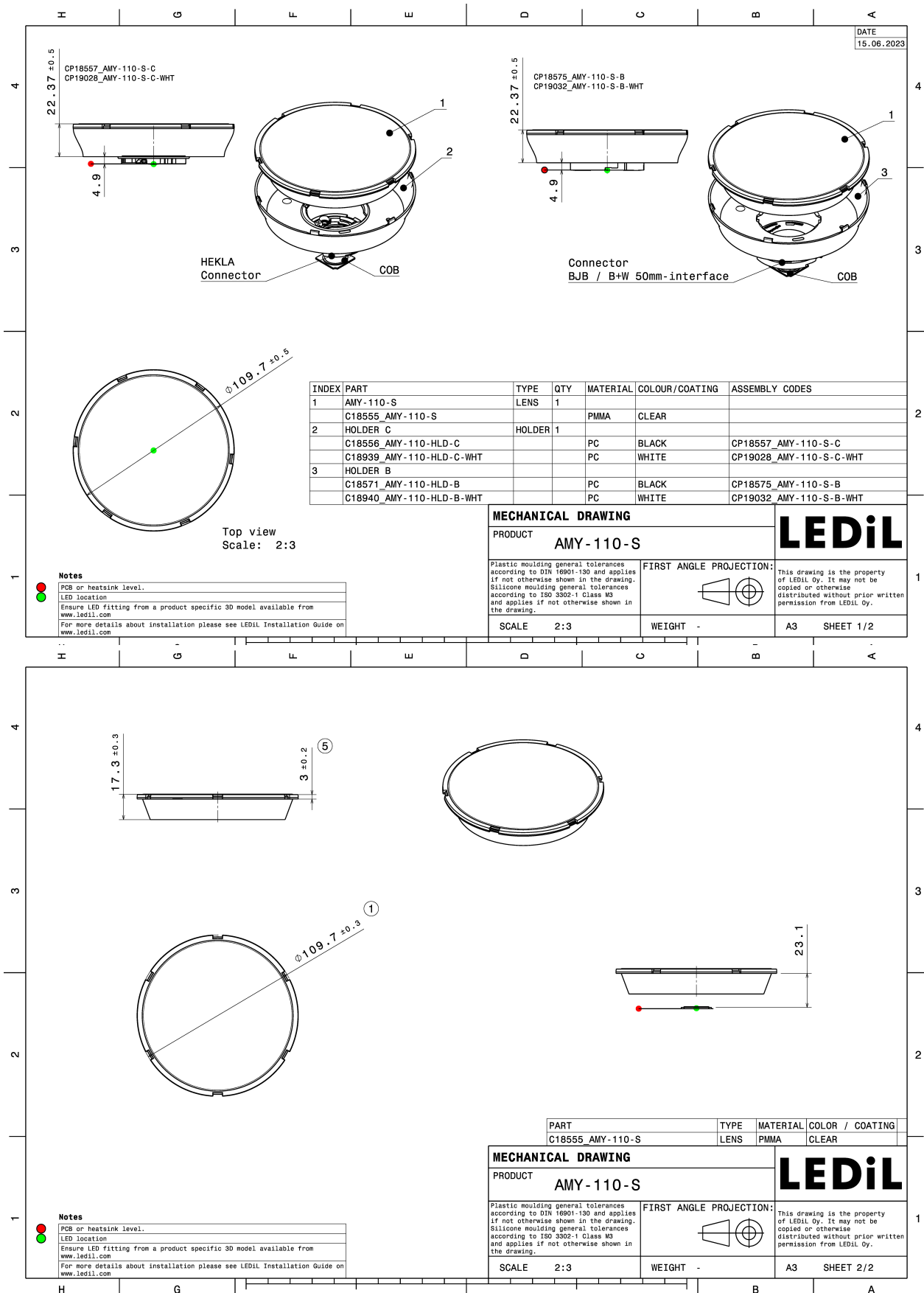
MATERIALS:

| Component         | Type        | Material | Colour | Finish | Length (mm) |
|-------------------|-------------|----------|--------|--------|-------------|
| AMY-110-S         | Single lens | PMMA     | clear  |        |             |
| AMY-110-HLD-C     | Holder C    | PC       | black  |        |             |
| AMY-110-HLD-B     | Holder B    | PC       | black  |        |             |
| AMY-110-HLD-C-WHT | Holder C    | PC       | white  |        |             |
| AMY-110-HLD-B-WHT | Holder B    | PC       | white  |        |             |



ORDERING INFORMATION:

| Component               | Qty in box | MOQ | MPQ | Box weight (kg) |
|-------------------------|------------|-----|-----|-----------------|
| C18555_AMY-110-S        | 128        | 128 | 8   | 10.8            |
| Assembly                |            |     |     |                 |
| CP19032_AMY-110-S-B-WHT | 77         | 77  | 7   | 8.5             |
| CP19028_AMY-110-S-C-WHT | 77         | 77  | 7   | 8.6             |
| CP18575_AMY-110-S-B     | 77         | 77  | 7   | 8.7             |
| CP18557_AMY-110-S-C     | 77         | 77  | 7   | 8.6             |

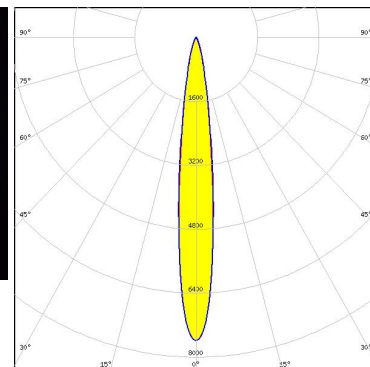


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



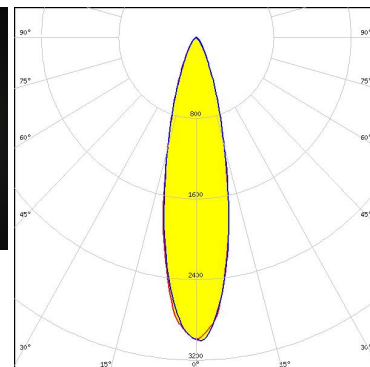
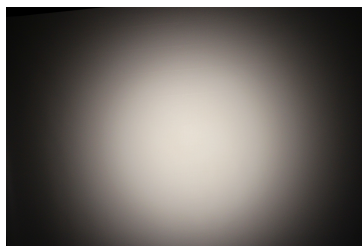
**LED** BXRV-D10-RGBW2000-A3  
**Ordering code** CP18557\_AMY-110-S-C  
**FWHM / FWTM** 14.0° / 30.0°  
**Efficiency** 79 %  
**Peak intensity** 7.6 cd/lm  
**LEDs/each optic** 28  
**Light colour/type** RGBW  
**Required components:**  
 C19950\_HEKLA-SOCKET-RZ



Light distribution files

### CITIZEN

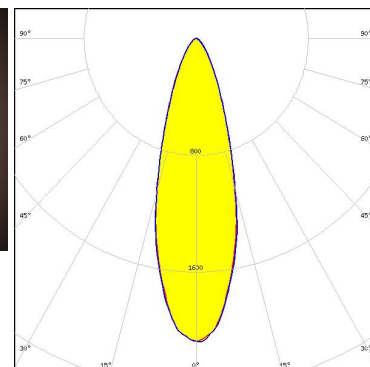
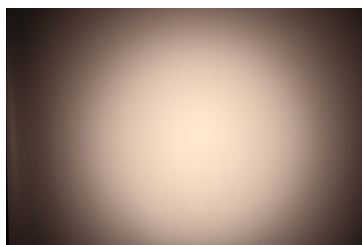
**LED** LCN-C07A  
**Ordering code** C18555\_AMY-110-S  
**FWHM / FWTM** 25.0° / 53.0°  
**Efficiency** 89 %  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files

### CITIZEN

**LED** LCN-C08A  
**Ordering code** C18555\_AMY-110-S  
**FWHM / FWTM** 31.0° / 65.0°  
**Efficiency** 88 %  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



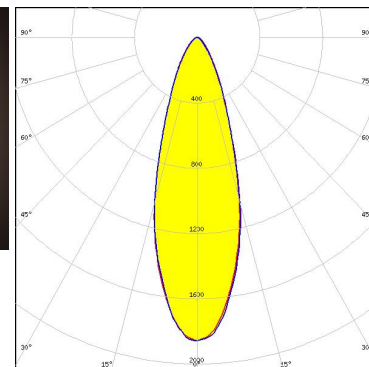
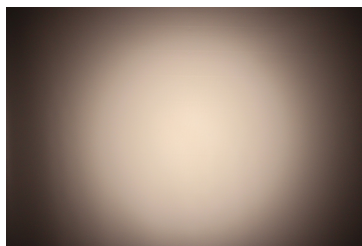
Light distribution files



### OPTICAL RESULTS (MEASURED):

#### CITIZEN

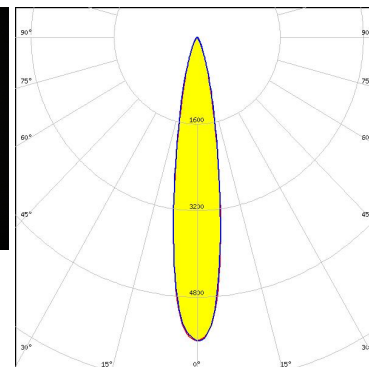
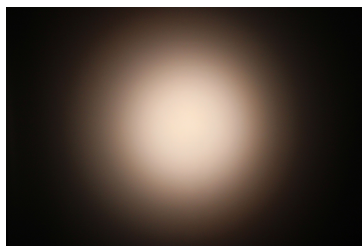
LED LCN-C09A  
 Ordering code C18555\_AMY-110-S  
 FWHM / FWTM 33.0° / 68.0°  
 Efficiency 88 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED CTM-14 (Tunable White) Gen2  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 18.0° / 39.0°  
 Efficiency 91 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 442 Typ L8

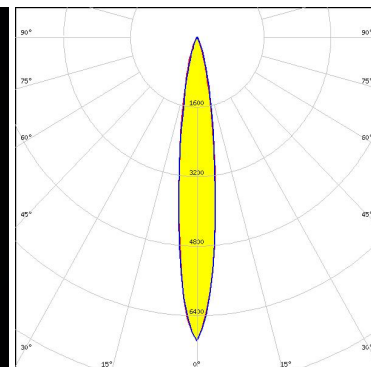


Light distribution files

### OPTICAL RESULTS (SIMULATED):



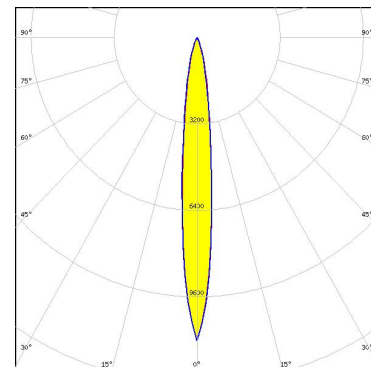
LED BXR-V-D13-RGBW3000-A3  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 14.0° / 34.0 + 33.0°  
 Efficiency 78 %  
 Peak intensity 7 cd/lm  
 LEDs/each optic 48  
 Light colour/type RGBW  
 Required components:  
 C19950\_HEKLA-SOCKET-RZ



Light distribution files



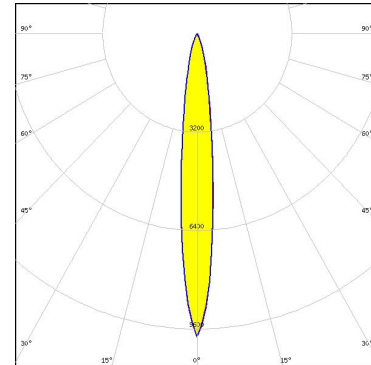
LED V10 Gen 8-9  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 12.0° / 30.0°  
 Efficiency 94 %  
 Peak intensity 11.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



Light distribution files



LED V11 HD Gen 8  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 12.0° / 32.0°  
 Efficiency 94 %  
 Peak intensity 9.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15859\_HEKLA-SOCKET-I

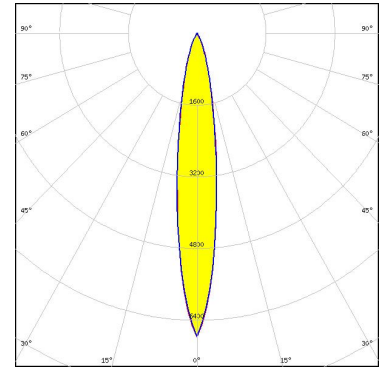


Light distribution files

### OPTICAL RESULTS (SIMULATED):



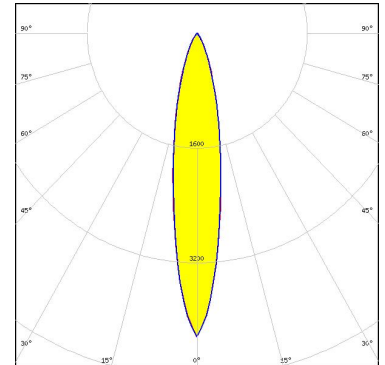
LED V13 Gen 8-9  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 16.0° / 38.0°  
 Efficiency 93 %  
 Peak intensity 6.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



Light distribution files



LED V18 Gen 8-9  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 18.0° / 47.0°  
 Efficiency 87 %  
 Peak intensity 4.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K

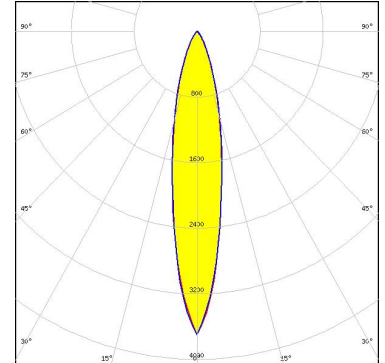


Light distribution files

Bender Wirth: 462 Typ L8



LED V22 Gen 8-9  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 20.0° / 50.0°  
 Efficiency 84 %  
 Peak intensity 3.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



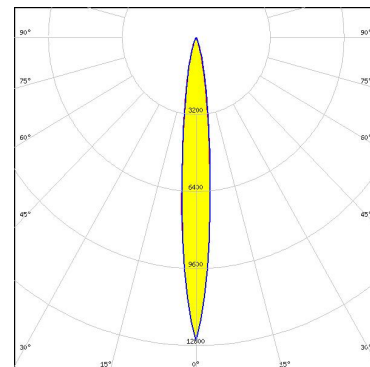
Light distribution files

Bender Wirth: 631b Hekla XL

### OPTICAL RESULTS (SIMULATED):



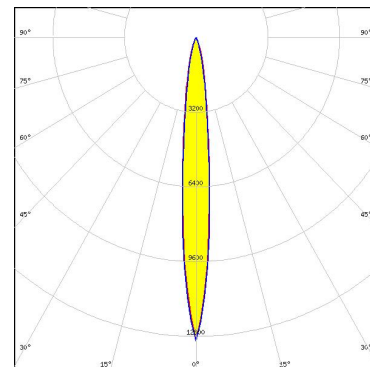
LED V8 Gen 8-9  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 12.0° / 28.0°  
 Efficiency 94 %  
 Peak intensity 12.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15253\_HEKLA-SOCKET-A



Light distribution files



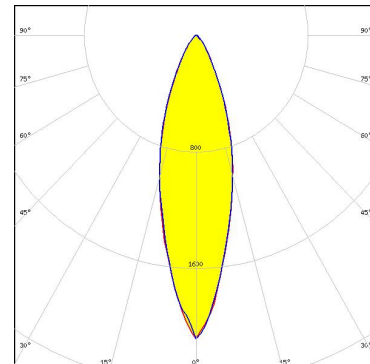
LED V9 HD Gen 8  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 10.0° / 28.0°  
 Efficiency 94 %  
 Peak intensity 13 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



Light distribution files



LED Vero SE 29  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 29.0° / 64.0°  
 Efficiency 82 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

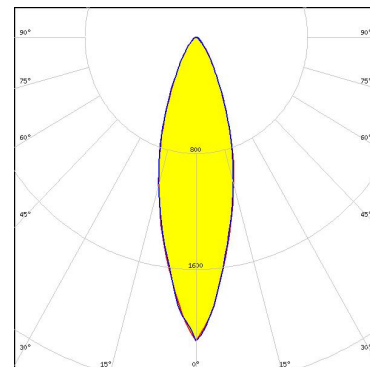


Light distribution files

### OPTICAL RESULTS (SIMULATED):



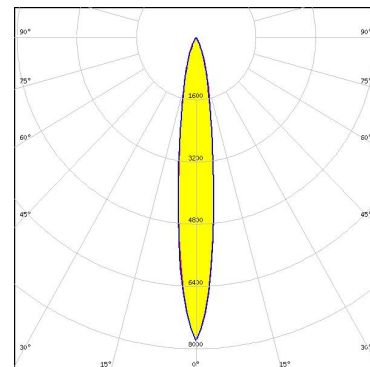
LED: Vero SE 29  
 Ordering code: CP19028\_AMY-110-S-C-WHT  
 FWHM / FWTM: 29.0° / 65.0°  
 Efficiency: 88 %  
 Peak intensity: 2.1 cd/lm  
 LEDs/each optic: 1  
 Light colour/type: White  
 Required components:



Light distribution files



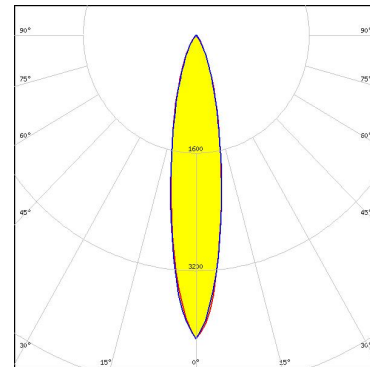
LED: VERO13  
 Ordering code: CP18557\_AMY-110-S-C  
 FWHM / FWTM: 14.0° / 37.0°  
 Efficiency: 94 %  
 Peak intensity: 7.8 cd/lm  
 LEDs/each optic: 1  
 Light colour/type: White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



Light distribution files



LED: VERO18  
 Ordering code: CP18557\_AMY-110-S-C  
 FWHM / FWTM: 20.0° / 50.0°  
 Efficiency: 93 %  
 Peak intensity: 4.1 cd/lm  
 LEDs/each optic: 1  
 Light colour/type: White  
 Required components:  
 C16142\_HEKLA-SOCKET-K

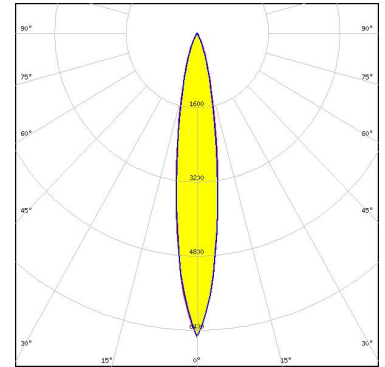


Light distribution files

### OPTICAL RESULTS (SIMULATED):



LED Vesta DTW 15mm (33W)  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 16.0° / 40.0°  
 Efficiency 93 %  
 Peak intensity 6.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

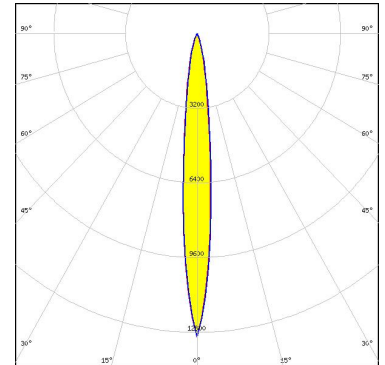


Bender Wirth: 632b Hekla XL

Light distribution files



LED Vesta DTW 9mm (4W/6W/12W)  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 11.0° / 28.0°  
 Efficiency 94 %  
 Peak intensity 13 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

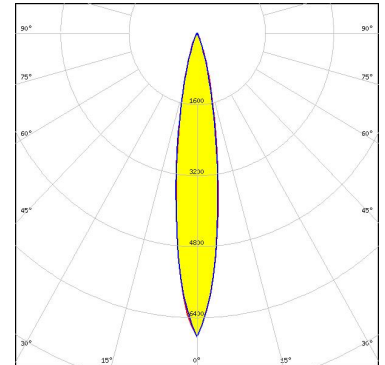


Bender Wirth: 652b Hekla

Light distribution files



LED Vesta SE 13mm TW  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 16.0° / 36.0°  
 Efficiency 88 %  
 Peak intensity 6.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K

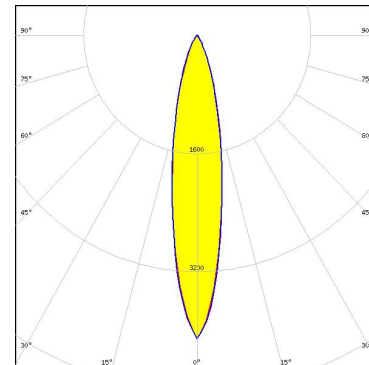


Light distribution files

### OPTICAL RESULTS (SIMULATED):



LED Vesta TW 18mm (31W) DP  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 20.0° / 48.0°  
 Efficiency 86 %  
 Peak intensity 4.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K

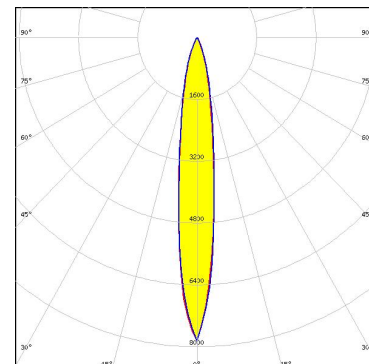


Light distribution files

Bender Wirth: 483 Typ L8



LED Vesta TW 9mm (9W) DP  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 14.0° / 38.0°  
 Efficiency 94 %  
 Peak intensity 7.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C16142\_HEKLA-SOCKET-K

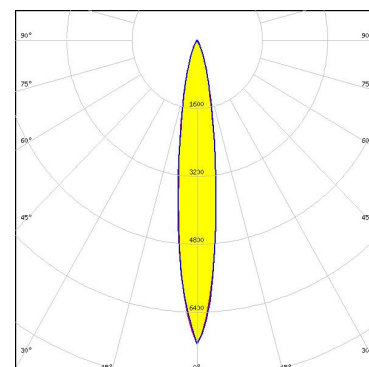


Light distribution files

Bender Wirth: 489 Typ L8

### CITIZEN

LED CLU03x  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 14.0° / 36.0°  
 Efficiency 92 %  
 Peak intensity 7.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I



Light distribution files

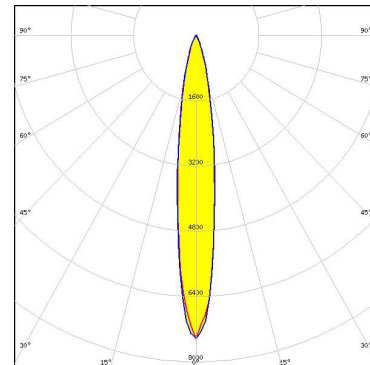
### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

LED CLU03x  
 Ordering code CP19032\_AMY-110-S-B-WHT  
 FWHM / FWTM 14.0° / 36.0°  
 Efficiency 96 %  
 Peak intensity 7.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

BJB: 47.319.2021

Light distribution files

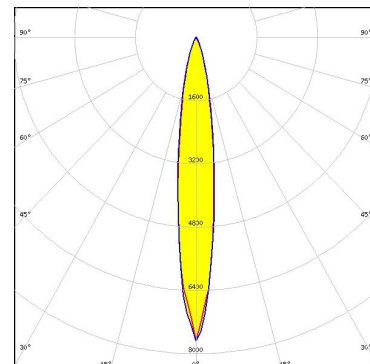


#### CITIZEN

LED CLU03x  
 Ordering code CP18575\_AMY-110-S-B  
 FWHM / FWTM 14.0° / 36.0°  
 Efficiency 93 %  
 Peak intensity 7.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F10173\_OPTX-D-SUB

BJB: 47.319.2021

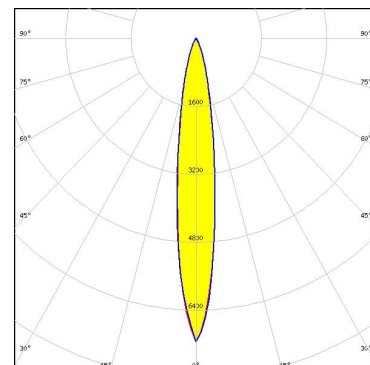
Light distribution files



#### CITIZEN

LED CLU03x  
 Ordering code C18555\_AMY-110-S  
 FWHM / FWTM 14.0° / 37.0°  
 Efficiency 92 %  
 Peak intensity 7.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I

Light distribution files

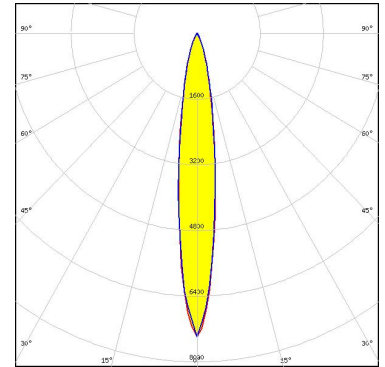




### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

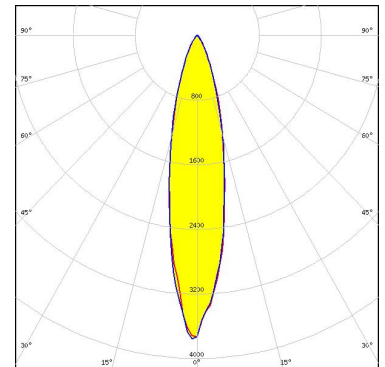
LED CLU03x  
 Ordering code CP19028\_AMY-110-S-C-WHT  
 FWHM / FWTM 14.0° / 37.0°  
 Efficiency 96 %  
 Peak intensity 7.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I



Light distribution files

#### CITIZEN

LED CLU04x  
 Ordering code CP19032\_AMY-110-S-B-WHT  
 FWHM / FWTM 22.0° / 50.0°  
 Efficiency 95 %  
 Peak intensity 3.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

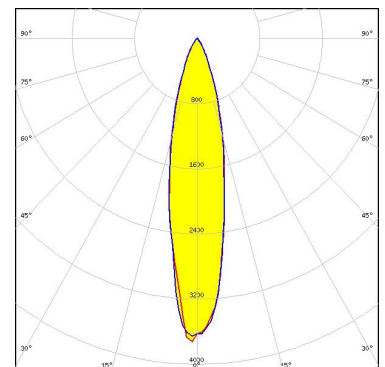


Light distribution files

BJB: 47.319.2030

#### CITIZEN

LED CLU04x  
 Ordering code C18555\_AMY-110-S  
 FWHM / FWTM 22.0° / 50.0°  
 Efficiency 90 %  
 Peak intensity 3.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



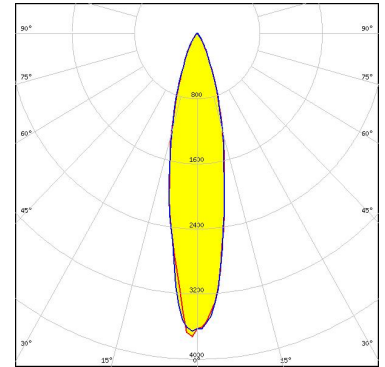
Light distribution files

BJB: 47.319.2030

### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

|                      |                     |
|----------------------|---------------------|
| LED                  | CLU04x              |
| Ordering code        | CP18575_AMY-110-S-B |
| FWHM / FWTM          | 22.0° / 50.0°       |
| Efficiency           | 90 %                |
| Peak intensity       | 3.8 cd/lm           |
| LEDs/each optic      | 1                   |
| Light colour/type    | White               |
| Required components: |                     |

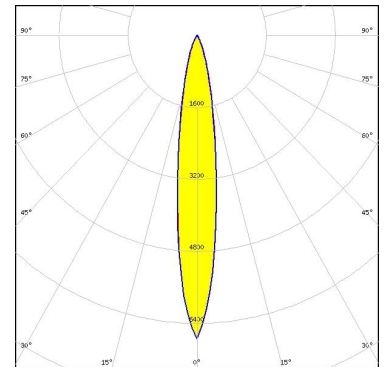


BJB: 47.319.2030

Light distribution files



|                      |                     |
|----------------------|---------------------|
| LED                  | CMA1840             |
| Ordering code        | CP18557_AMY-110-S-C |
| FWHM / FWTM          | 16.0° / 38.0°       |
| Efficiency           | 90 %                |
| Peak intensity       | 6.7 cd/lm           |
| LEDs/each optic      | 1                   |
| Light colour/type    | White               |
| Required components: |                     |

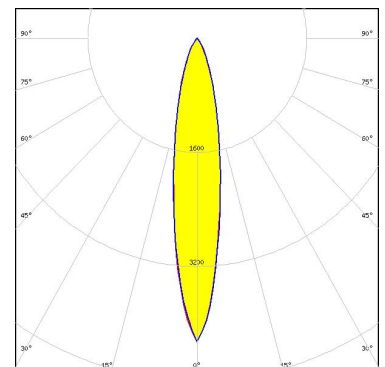


Bender Wirth: 637a Hekla

Light distribution files



|                      |                     |
|----------------------|---------------------|
| LED                  | CMA2550             |
| Ordering code        | CP18557_AMY-110-S-C |
| FWHM / FWTM          | 18.0° / 48.0°       |
| Efficiency           | 87 %                |
| Peak intensity       | 4.3 cd/lm           |
| LEDs/each optic      | 1                   |
| Light colour/type    | White               |
| Required components: |                     |



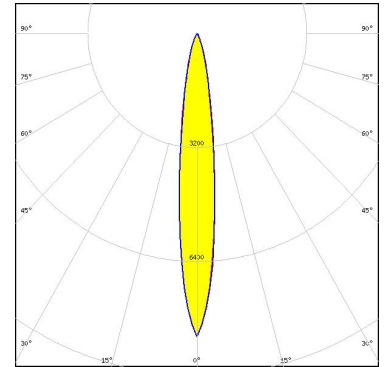
Bender Wirth: 639a Hekla XL

Light distribution files

### OPTICAL RESULTS (SIMULATED):



LED CMB1818-25  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 14.0° / 34.0°  
 Efficiency 91 %  
 Peak intensity 8.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

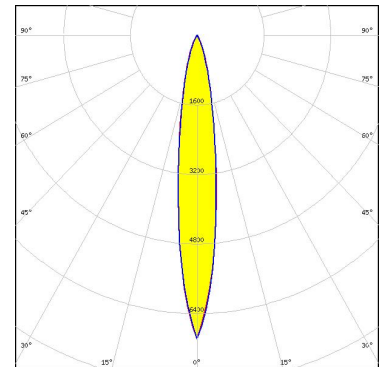


Bender Wirth: 637a Hekla

Light distribution files



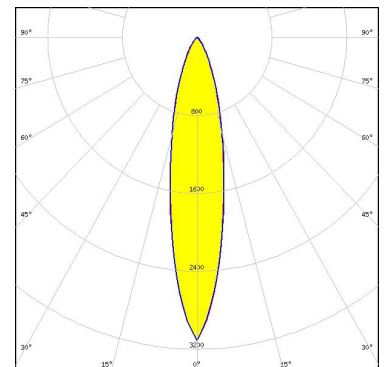
LED CMU15xx  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 16.0° / 38.0°  
 Efficiency 91 %  
 Peak intensity 7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I



Light distribution files



LED CMU22xx  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 22.0° / 54.0°  
 Efficiency 82 %  
 Peak intensity 3.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



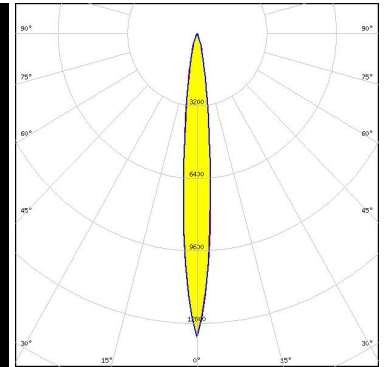
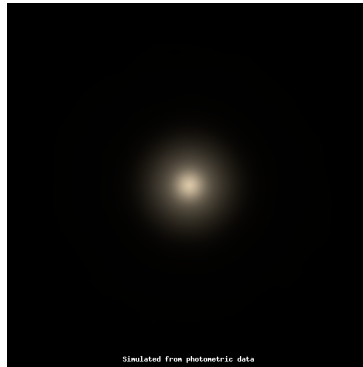
Bender Wirth: 631b Hekla XL

Light distribution files

### OPTICAL RESULTS (SIMULATED):



LED CTW0910  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 10.0° / 26.0°  
 Efficiency 92 %  
 Peak intensity 13.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K

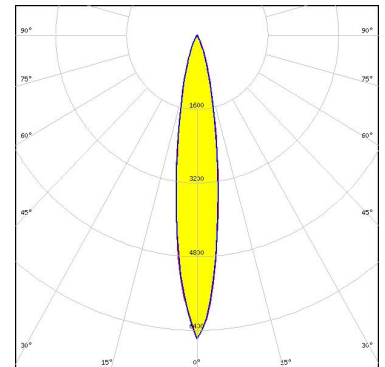


Light distribution files

Bender Wirth: 512 Typ L8



LED LUXEON CX Plus CoB L08 (Gen2)  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 16.0° / 39.0°  
 Efficiency 93 %  
 Peak intensity 6.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

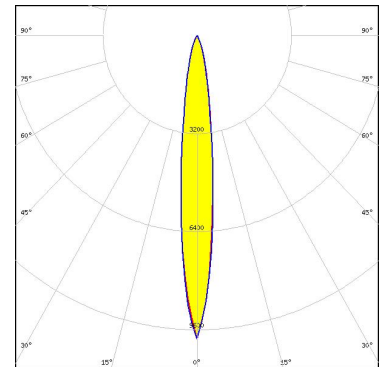


Light distribution files

Bender Wirth: 637a Hekla



LED LUXEON CoB 1205HD  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 12.0° / 32.0°  
 Efficiency 94 %  
 Peak intensity 9.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15858\_HEKLA-SOCKET-H



Light distribution files

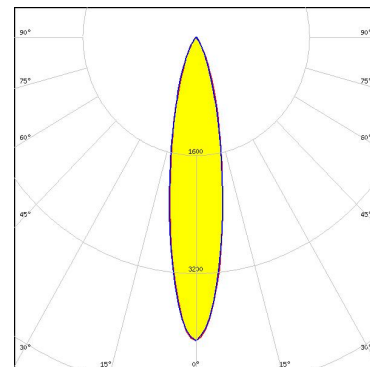
### OPTICAL RESULTS (SIMULATED):



LED LUXEON CoB 1211  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 20.0° / 49.0°  
 Efficiency 92 %  
 Peak intensity 4.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Bender Wirth: 631b Hekla XL

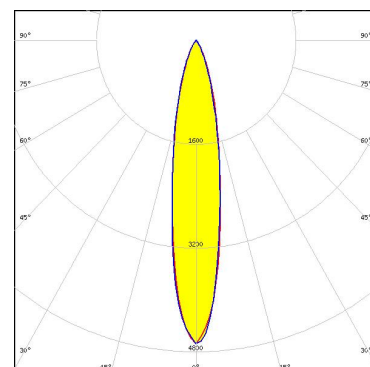
Light distribution files



LED LUXEON CoB 1211  
 Ordering code CP18575\_AMY-110-S-B  
 FWHM / FWTM 19.0° / 46.0°  
 Efficiency 93 %  
 Peak intensity 4.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Bender Wirth: 631b Bayonet50

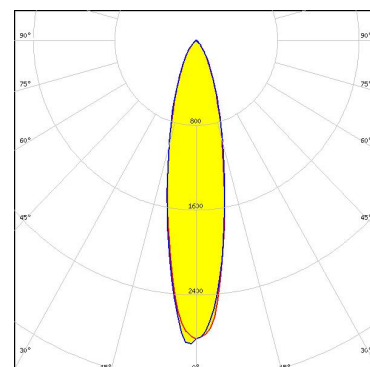
Light distribution files



LED LUXEON CoB 1213/1216/1812  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 23.0° / 57.0°  
 Efficiency 84 %  
 Peak intensity 2.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Bender Wirth: 631b Hekla XL

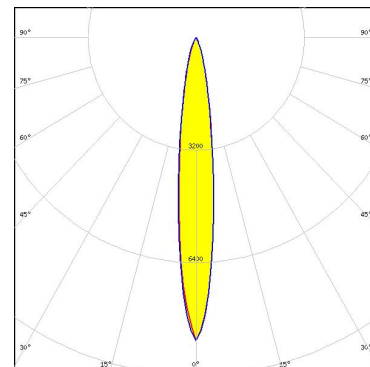
Light distribution files



### OPTICAL RESULTS (SIMULATED):



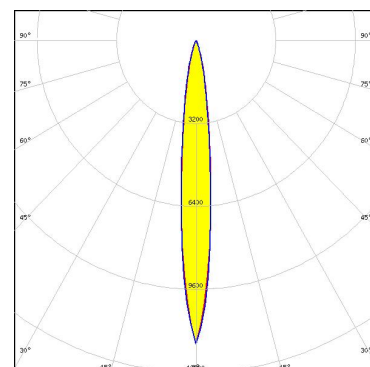
LED LUXEON CX Plus CoB L04 / L05 (Gen2)  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 14.0° / 34.0°  
 Efficiency 93 %  
 Peak intensity 8.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15254\_HEKLA-SOCKET-B



Light distribution files



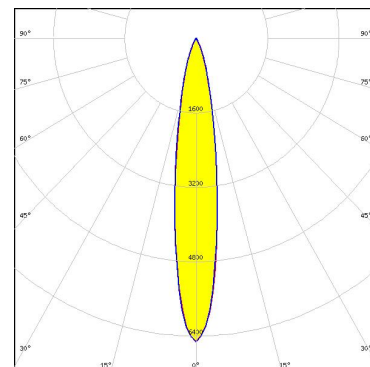
LED LUXEON CX Plus CoB M02 / M03 (Gen2)  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 12.0° / 29.0°  
 Efficiency 94 %  
 Peak intensity 11.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



Light distribution files



LED COB J-Type  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 16.0° / 39.0°  
 Efficiency 93 %  
 Peak intensity 6.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



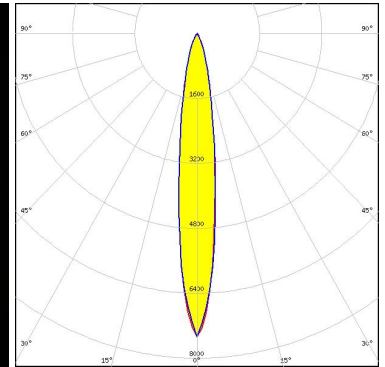
Light distribution files

Bender Wirth: 663a Hekla XL

### OPTICAL RESULTS (SIMULATED):



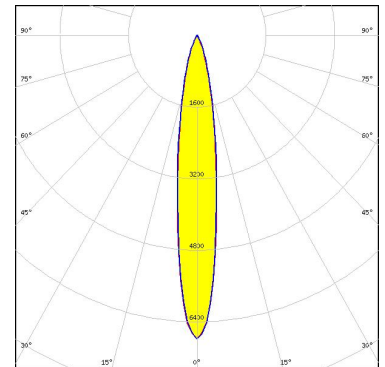
LED NF1206JLC-V5  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 14.0° / 36.0°  
 Efficiency 92 %  
 Peak intensity 7.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I



Light distribution files



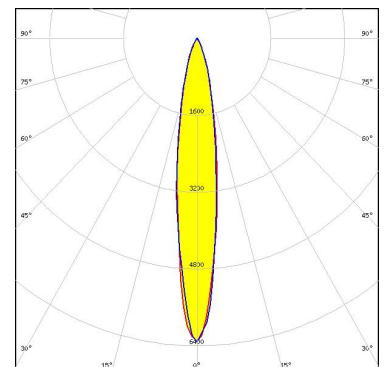
LED Fortimo SLM L15 1919 CoB  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 16.0° / 38.0°  
 Efficiency 91 %  
 Peak intensity 6.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I



Light distribution files



LED LC016D / LC019D / LC026D / LC033D  
 Ordering code CP19028\_AMY-110-S-C-WHT  
 FWHM / FWTM 16.0° / 40.0°  
 Efficiency 96 %  
 Peak intensity 6.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I

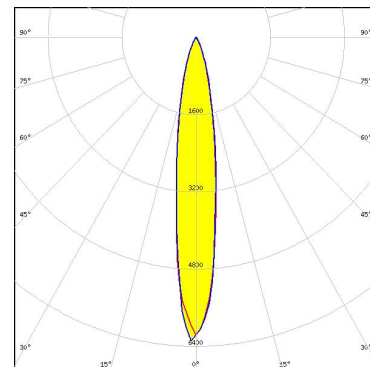


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

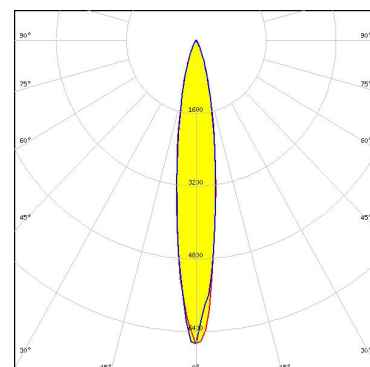
LED LC016D / LC019D / LC026D / LC033D  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 16.0° / 40.0°  
 Efficiency 92 %  
 Peak intensity 6.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I



Light distribution files

#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 Ordering code CP19032\_AMY-110-S-B-WHT  
 FWHM / FWTM 16.0° / 38.0°  
 Efficiency 96 %  
 Peak intensity 6.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

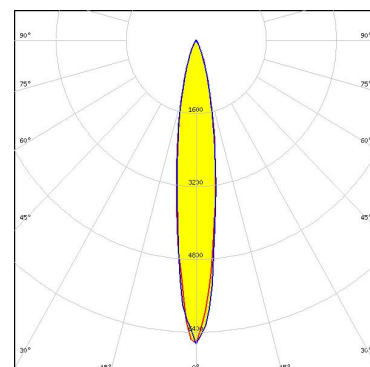


Light distribution files

BJB: 47.319.2021

#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 Ordering code CP18575\_AMY-110-S-B  
 FWHM / FWTM 16.0° / 38.0°  
 Efficiency 93 %  
 Peak intensity 6.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

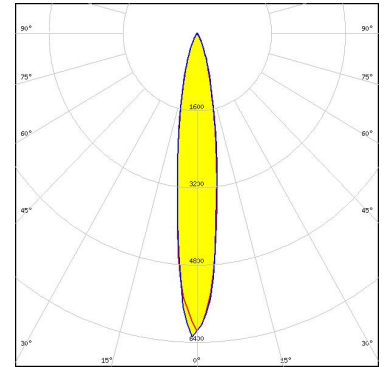
BJB: 47.319.2021



### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

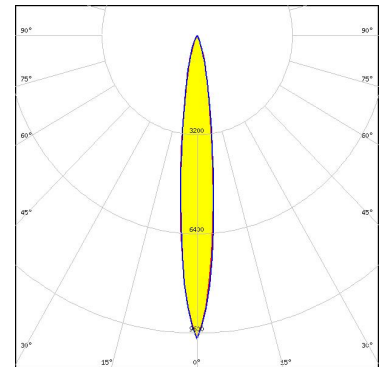
LED LC016D / LC019D / LC026D / LC033D  
 Ordering code C18555\_AMY-110-S  
 FWHM / FWTM 16.0° / 40.0°  
 Efficiency 92 %  
 Peak intensity 6.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I



Light distribution files

#### SAMSUNG

LED LC020T (Tunable white)  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 13.0° / 32.0°  
 Efficiency 93 %  
 Peak intensity 9.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K

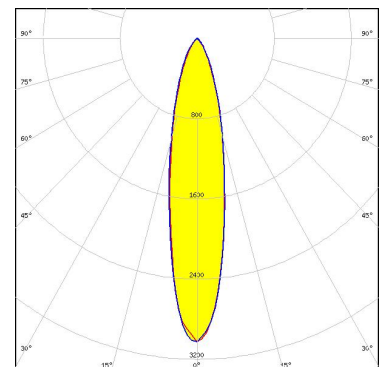


Light distribution files

Bender Wirth: 501 Typ L8

#### SAMSUNG

LED LC040D / LC060D / LC080D  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 22.0° / 55.0°  
 Efficiency 83 %  
 Peak intensity 3.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



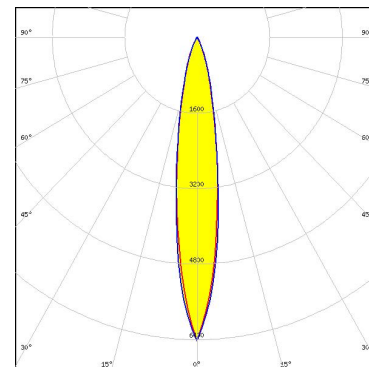
Light distribution files

Bender Wirth: 631b Hekla XL

### OPTICAL RESULTS (SIMULATED):



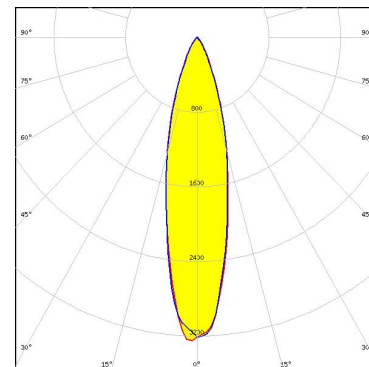
LED MJT COB LES 14.5  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 16.0° / 40.0°  
 Efficiency 93 %  
 Peak intensity 6.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



Light distribution files



LED MJT COB LES 22  
 Ordering code CP18575\_AMY-110-S-B  
 FWHM / FWTM 24.0° / 54.0°  
 Efficiency 92 %  
 Peak intensity 3.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

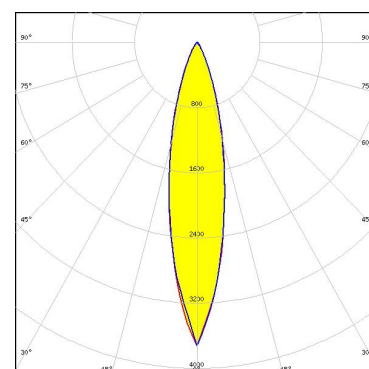


BJB: 47.319.2030

Light distribution files

### TRIDONIC

LED SLE 21mm 5000lm xxx H ADV8  
 Ordering code CP18575\_AMY-110-S-B  
 FWHM / FWTM 22.0° / 49.0°  
 Efficiency 88 %  
 Peak intensity 3.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

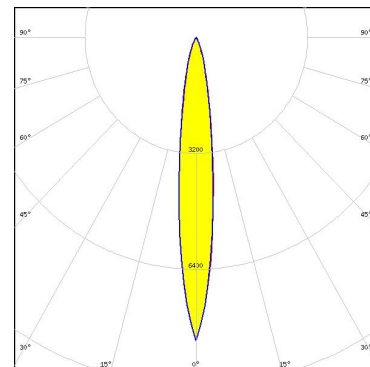


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### TRIDONIC

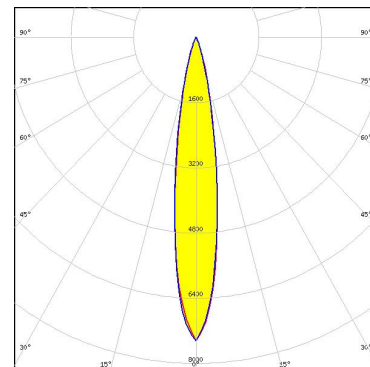
LED SLE G7 LES13  
 Ordering code CP18557\_AMY-110-S-C  
 FWHM / FWTM 14.0° / 34.0°  
 Efficiency 92 %  
 Peak intensity 8.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I



Light distribution files

#### TRIDONIC

LED SLE G7 LES13 H  
 Ordering code CP18575\_AMY-110-S-B  
 FWHM / FWTM 16.0° / 34.0°  
 Efficiency 91 %  
 Peak intensity 7.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



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.

### 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### LEDiL Oy

Joensuunkatu 7  
FI-24100 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Poznan, Poland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)