

YASMEEN-50-W-C

~36° wide beam. Assembly with holder C compatible with HEKLA sockets and connectors. Black version.

TECHNICAL SPECIFICATIONS:

| | |
|----------------|-----------|
| Dimensions | Ø 49.9 mm |
| Height | 28.1 mm |
| ROHS compliant | yes ⓘ |

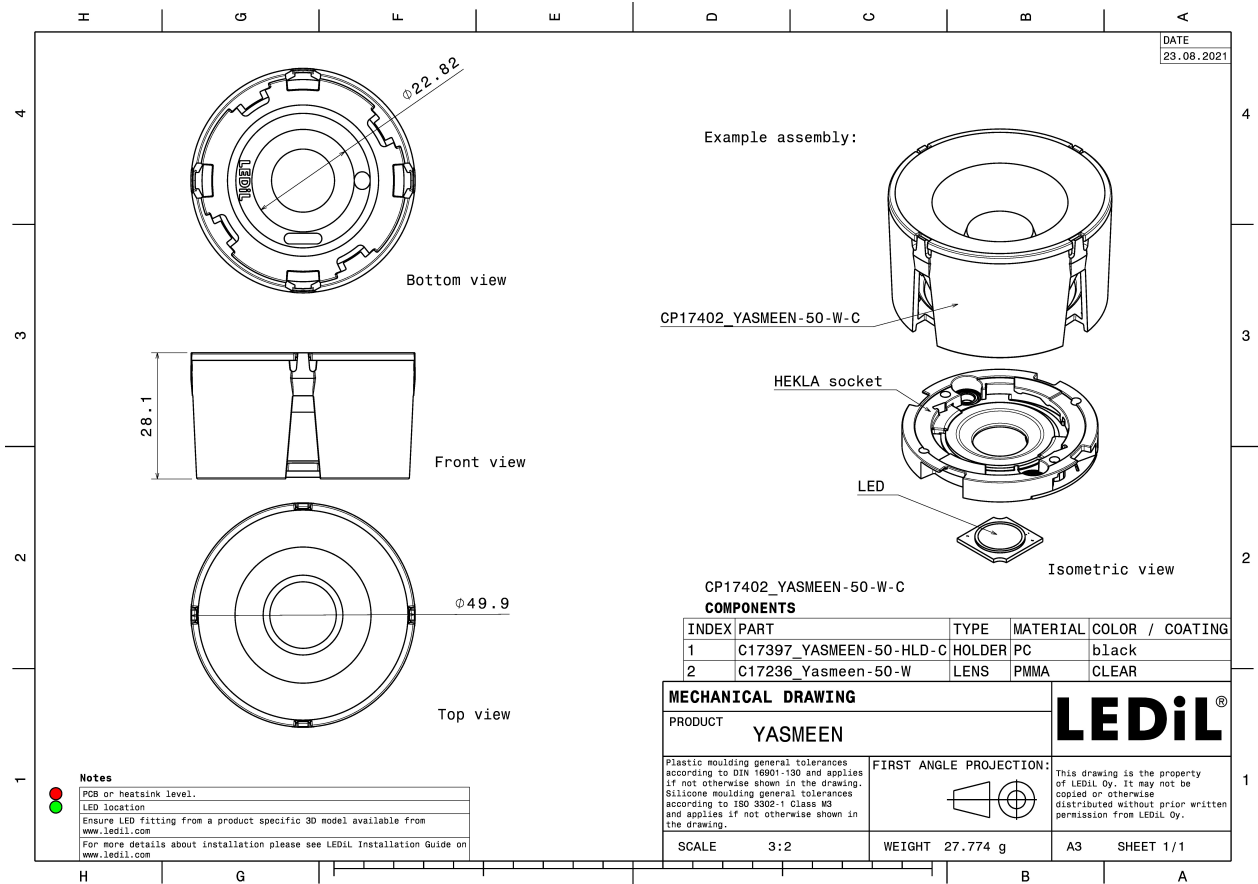


MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|------------------|-------------|----------|--------|--------|
| YASMEEN-50-W | Single lens | PMMA | clear | |
| YASMEEN-50-HLD-C | Holder | PC | black | |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CP17402_YASMEEN-50-W-C | Single lens | 252 | 112 | 28 | 9.2 |
| » Box size: 476 x 273 x 305 mm | | | | | |

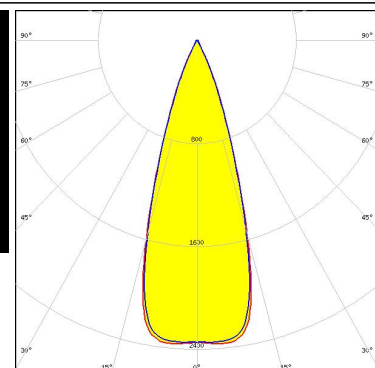
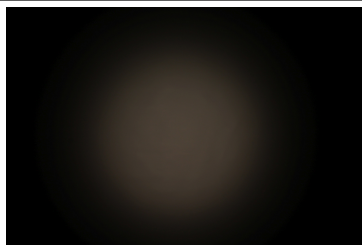


See also our general installation guide: www.ledil.com/installation_guide

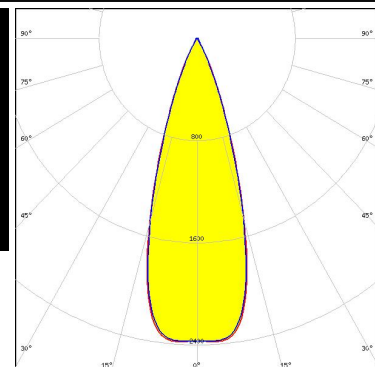
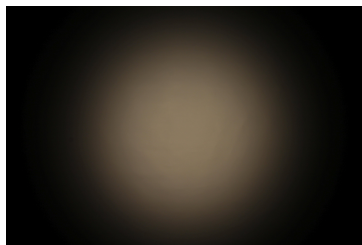
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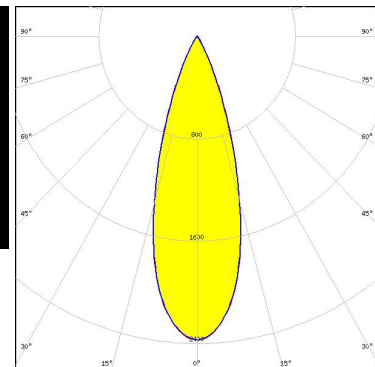
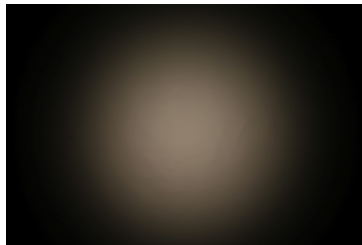
LED V4 HD
FWHM / FWTM 34.0° / 52.0°
Efficiency 83 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15253_HEKLA-SOCKET-A



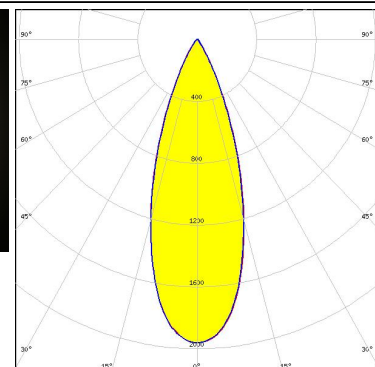
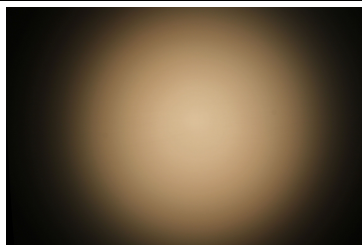
LED V6 HD
FWHM / FWTM 33.0° / 52.0°
Efficiency 83 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



LED VERO10
FWHM / FWTM 32.5° / 55.0°
Efficiency 81 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15616_HEKLA-SOCKET-F



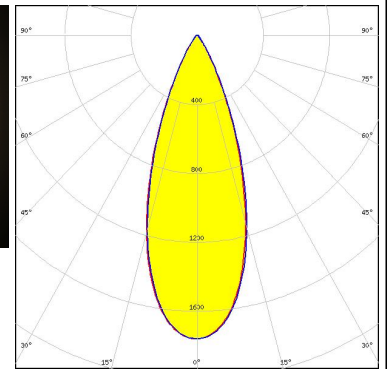
LED Vesta DTW 13mm (21W)
FWHM / FWTM 35.0° / 60.0°
Efficiency 81 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
Bender Wirth: 632b Hekla



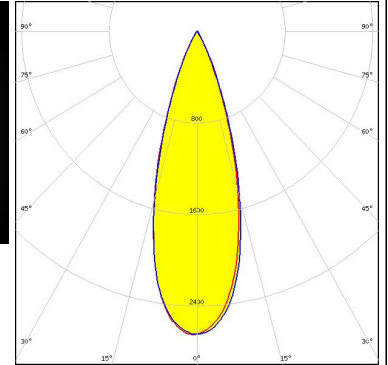
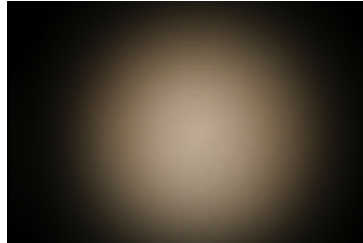
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LED Vesta DTW 15mm (33W)
 FWHM / FWTM 37.0° / 63.0°
 Efficiency 80 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 Bender Wirth: 632b Hekla

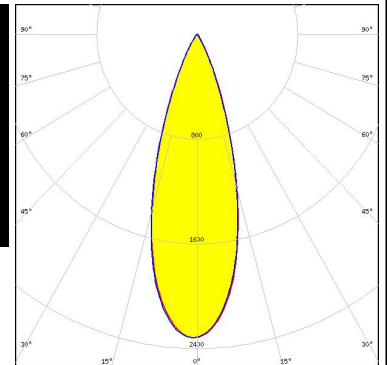
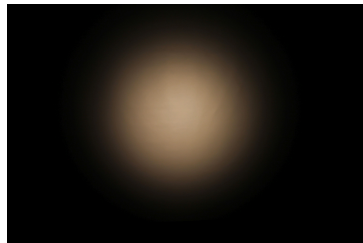


LED Vesta DTW 9mm (4W/6W/12W)
 FWHM / FWTM 32.0° / 54.0°
 Efficiency 87 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 652b Hekla



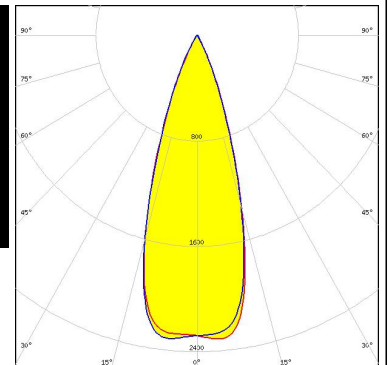
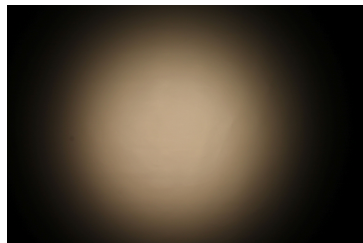
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 32.0° / 55.0°
 Efficiency 80 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



CITIZEN

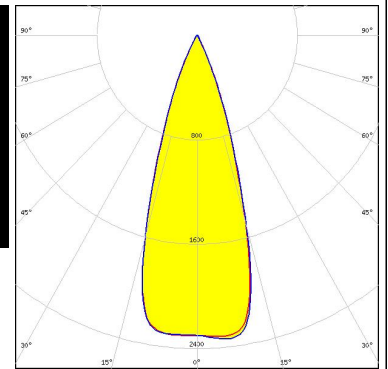
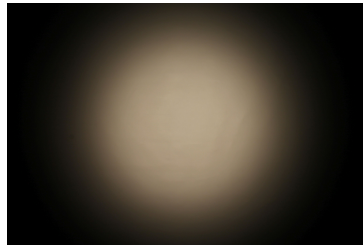
LED CLU700/701/702
 FWHM / FWTM 34.0° / 53.0°
 Efficiency 83 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



PHOTOMETRIC DATA (MEASURED):

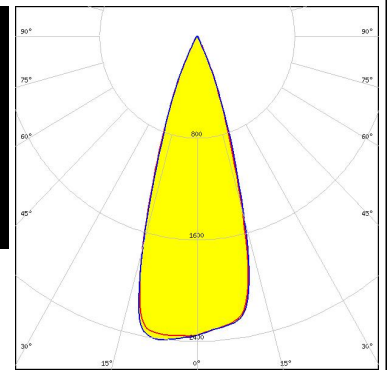
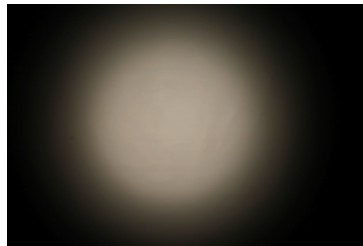
CITIZEN

LED CLU7A2 (LES 4.2mm)
 FWHM / FWTM 34.0° / 52.0°
 Efficiency 83 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



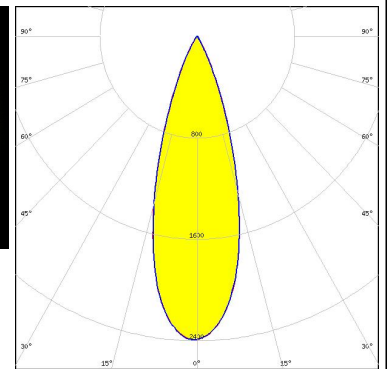
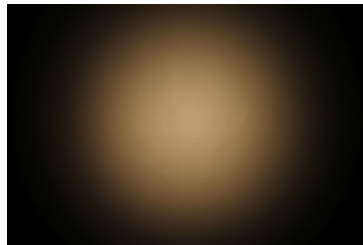
CITIZEN

LED CLU7B2
 FWHM / FWTM 34.0° / 51.0°
 Efficiency 83 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



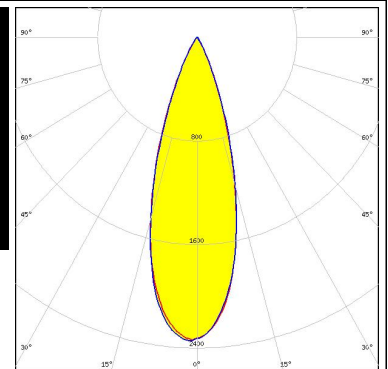
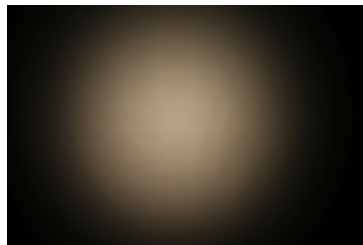
CREE

LED CMA1516
 FWHM / FWTM 32.0° / 54.0°
 Efficiency 81 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



CREE

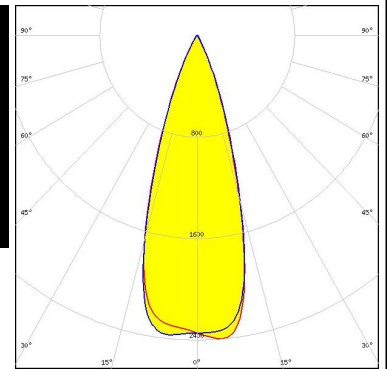
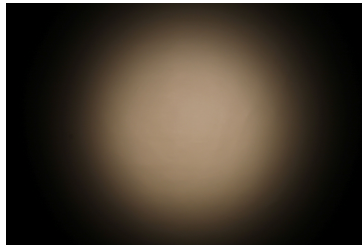
LED CMT14xx
 FWHM / FWTM 32.0° / 55.0°
 Efficiency 80 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



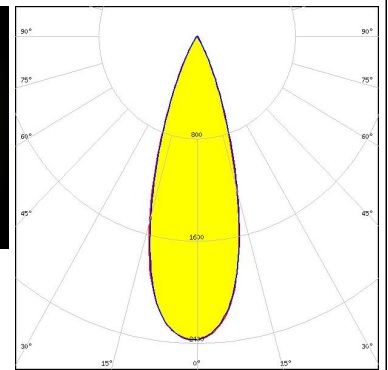
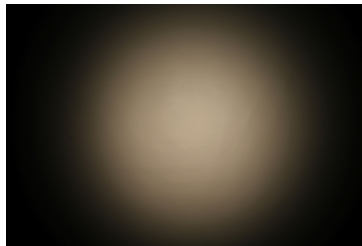
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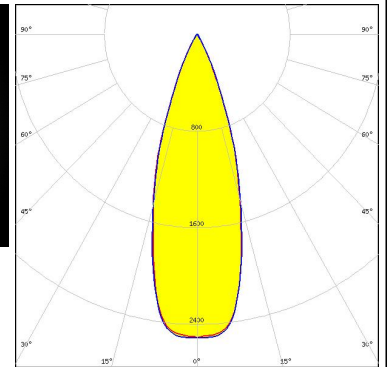
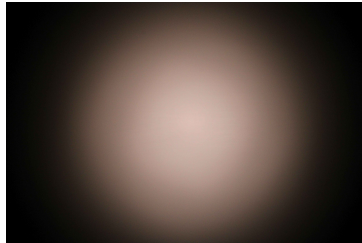
LED CXA/B 13xx
FWHM / FWTM 34.0° / 52.0°
Efficiency 84 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17439_HEKLA-G2-J



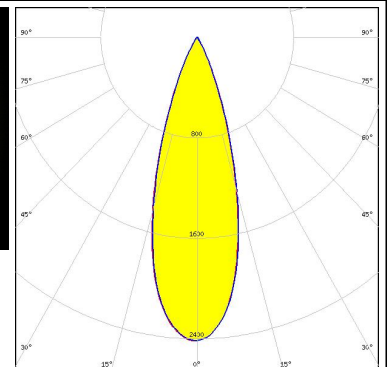
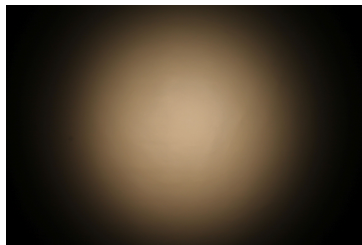
LED CXA/B 15xx
FWHM / FWTM 33.0° / 54.0°
Efficiency 81 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17436_HEKLA-G2-D



LED LEDIM/C6
FWHM / FWTM 33.0° / 54.0°
Efficiency 86 %
Peak intensity 2.5 cd/lm
LEDs/each optic 9
Light colour White
Required components:
F17438_HEKLA-G2-I



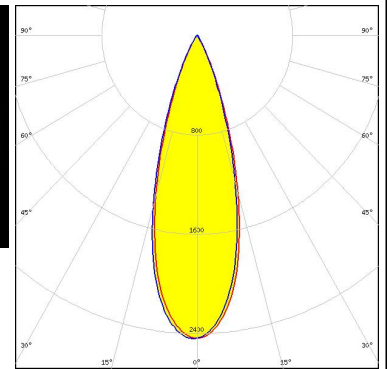
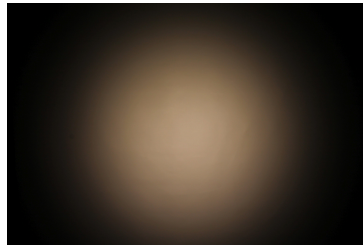
LED LUXEON CoB 1202/1203
FWHM / FWTM 32.0° / 54.0°
Efficiency 80 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17437_HEKLA-G2-H



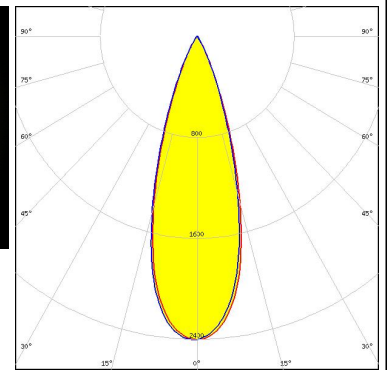
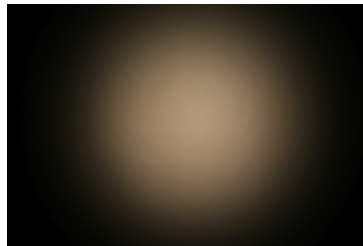
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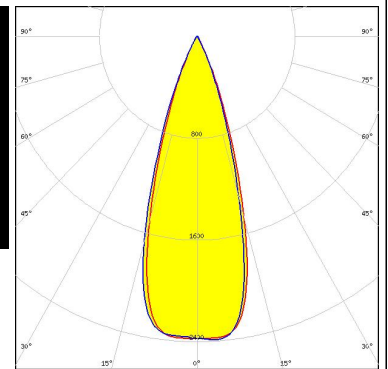
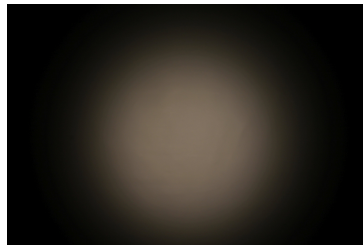
LED LUXEON CoB 1204HD
 FWHM / FWTM 31.0° / 53.0°
 Efficiency 80 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



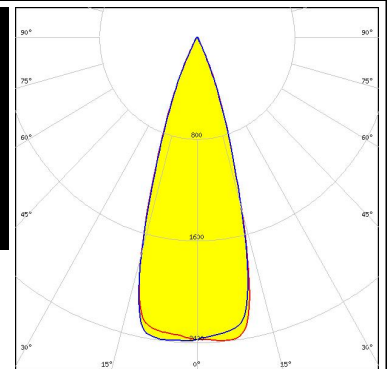
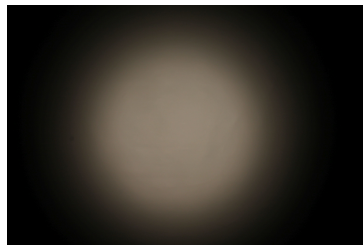
LED LUXEON CoB M02/M03
 FWHM / FWTM 32.0° / 54.0°
 Efficiency 81 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



LED LUXEON CoB S01
 FWHM / FWTM 34.0° / 52.0°
 Efficiency 83 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17439_HEKLA-G2-J



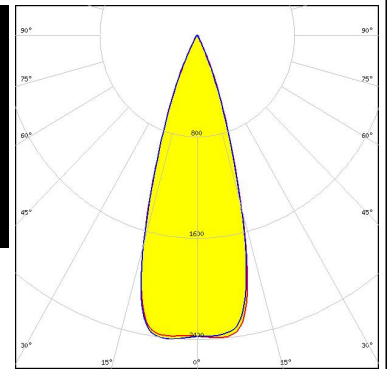
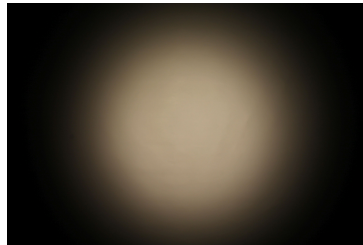
LED CXM-3
 FWHM / FWTM 33.0° / 51.0°
 Efficiency 83 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



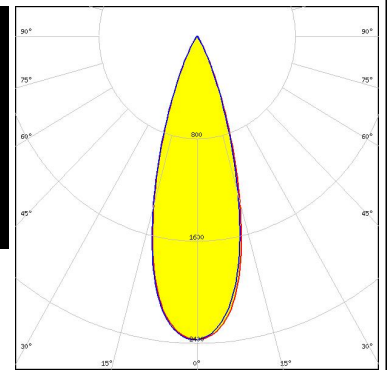
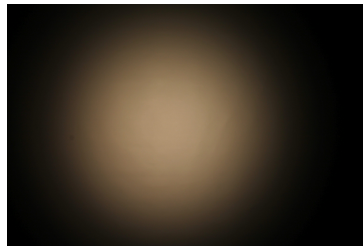
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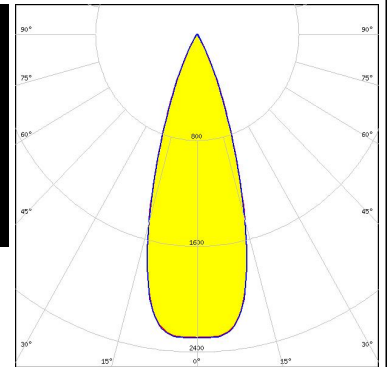
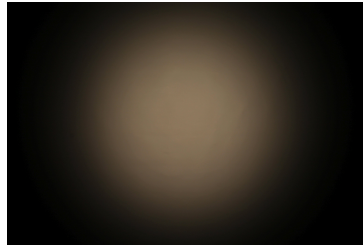
LED CXM-4
 FWHM / FWTM 33.0° / 51.0°
 Efficiency 83 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



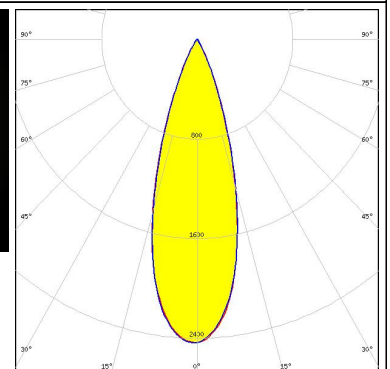
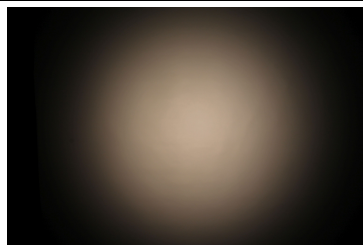
LED COB L-Type (LES 9)
 FWHM / FWTM 32.0° / 54.0°
 Efficiency 80 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



LED COB S-Type (LES 7)
 FWHM / FWTM 34.0° / 54.0°
 Efficiency 83 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15848_HEKLA-SOCKET-G



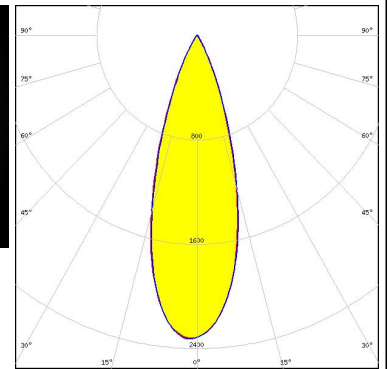
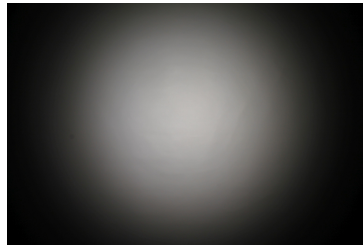
LED Fortimo SLM L09 CoB
 FWHM / FWTM 32.0° / 53.0°
 Efficiency 80 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



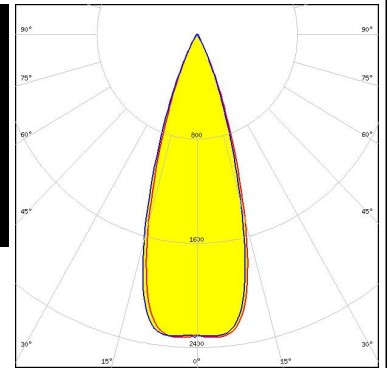
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SAMSUNG

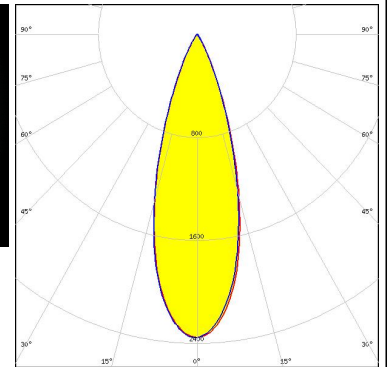
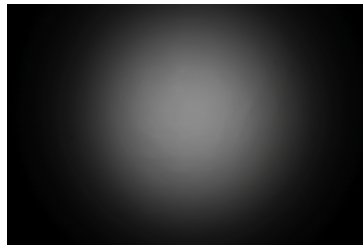
LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 32.0° / 55.0°
 Efficiency 80 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



SEOUL SEMICONDUCTOR
 LED MJT COB LES 6
 FWHM / FWTM 34.0° / 53.0°
 Efficiency 83 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C

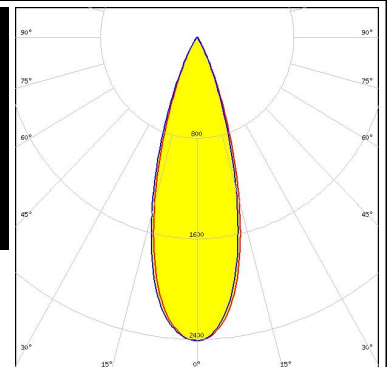
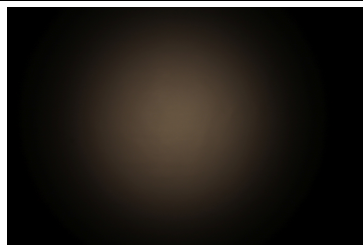


SEOUL SEMICONDUCTOR
 LED MJT COB LES 9.8
 FWHM / FWTM 32.0° / 55.0°
 Efficiency 80 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



TRIDONIC

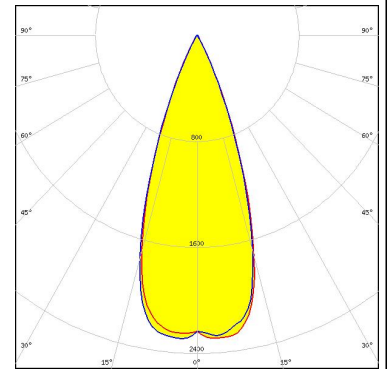
LED SLE G7 LES09
 FWHM / FWTM 32.0° / 54.0°
 Efficiency 81 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



PHOTOMETRIC DATA (SIMULATED):

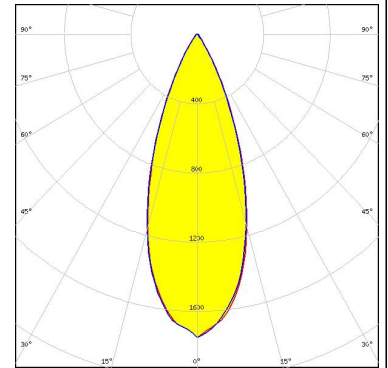


LED V6 HD
 FWHM / FWTM 38.0° / 54.0°
 Efficiency 90 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



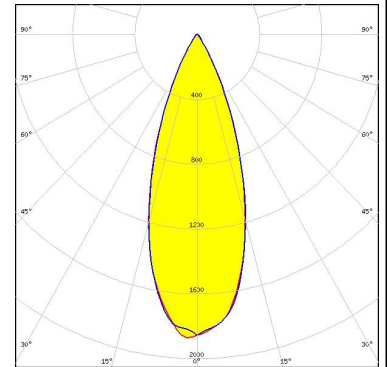
PHILIPS

LED Fortimo SLM L15 CoB
 FWHM / FWTM 38.0° / 64.0°
 Efficiency 79 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 632a Hekla XL



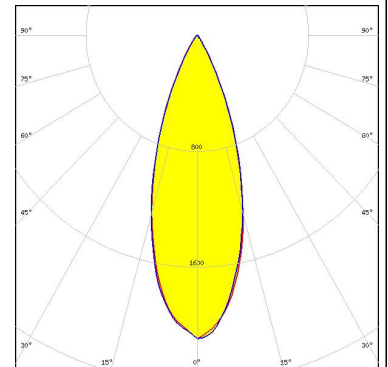
PHILIPS

LED Fortimo SLM L15 CoB
 FWHM / FWTM 37.0° / 62.0°
 Efficiency 81 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 632a Hekla XL



TRIDONIC

LED SLE G7 LES13
 FWHM / FWTM 36.0° / 60.0°
 Efficiency 83 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



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.

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LEDiL Oy

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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

Salo, Finland
Hong Kong, China

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