

## YASMEEN-70-W-C

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

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.9 mm
Height	39.9 mm
ROHS compliant	yes ⓘ

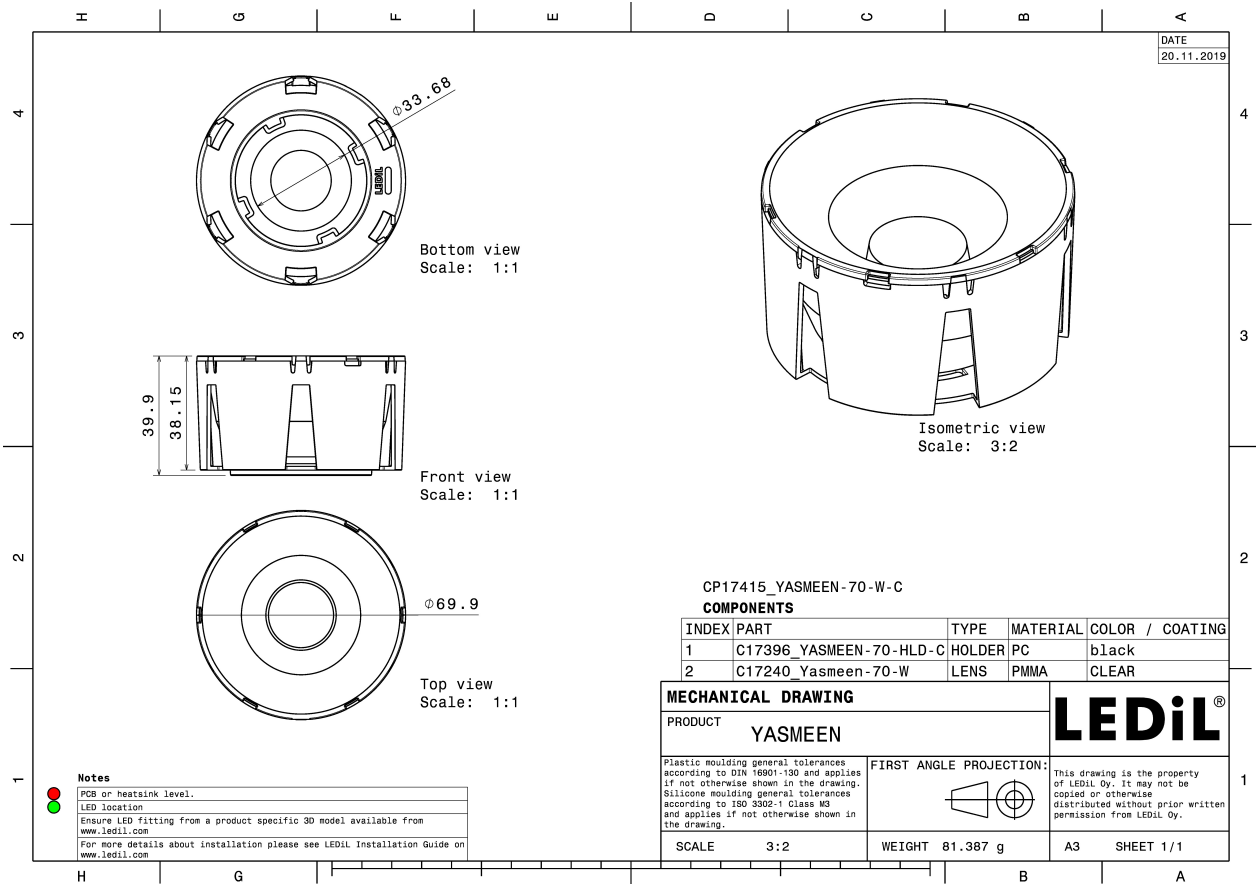


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
YASMEEN-70-W	Single lens	PMMA	clear	
YASMEEN-70-HLD-C	Holder	PC	black	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17415_YASMEEN-70-W-C	Single lens	105	105	15	10.0
» Box size: 476 x 273 x 305 mm					

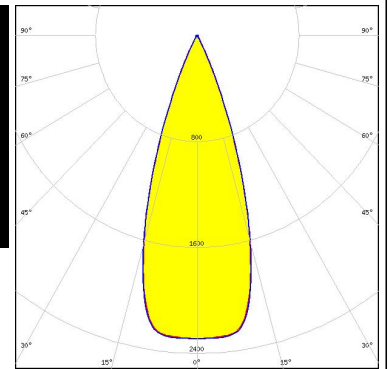
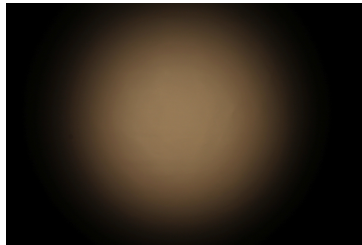


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

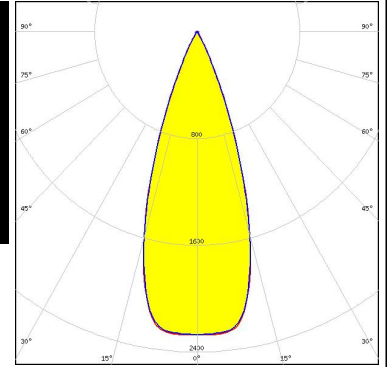
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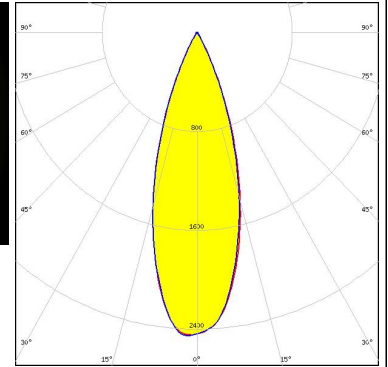
LED V9 HD  
FWHM / FWTM 36.0° / 51.0°  
Efficiency 84 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15859\_HEKLA-SOCKET-I



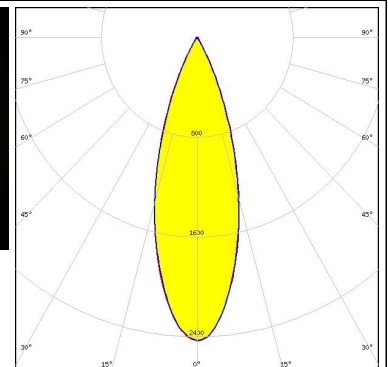
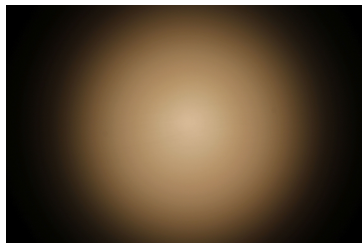
LED VERO10  
FWHM / FWTM 37.0° / 53.0°  
Efficiency 85 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15616\_HEKLA-SOCKET-F



LED Vesta DTW 13mm (21W)  
FWHM / FWTM 34.0° / 55.0°  
Efficiency 85 %  
Peak intensity 2.5 cd/lm  
LEDs/each optic 1  
Light colour Tunable White  
Required components:  
Bender Wirth: 632b Hekla XL



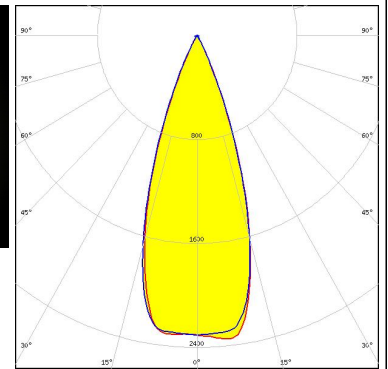
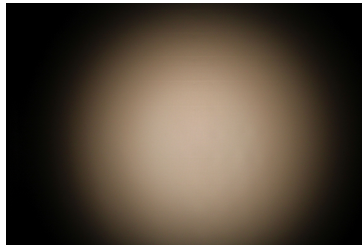
LED Vesta DTW 15mm (33W)  
FWHM / FWTM 33.0° / 56.0°  
Efficiency 84 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour Tunable White  
Required components:  
Bender Wirth: 632b Hekla XL



#### PHOTOMETRIC DATA (MEASURED):

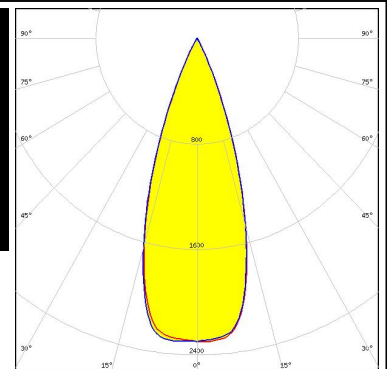
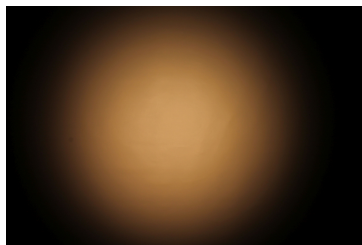


LED Vesta DTW 9mm (4W/6W/12W)  
 FWHM / FWTM 37.0° / 53.0°  
 Efficiency 86 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 652b Hekla



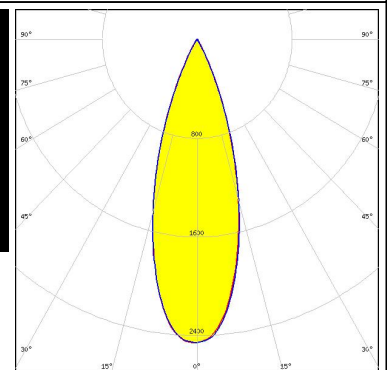
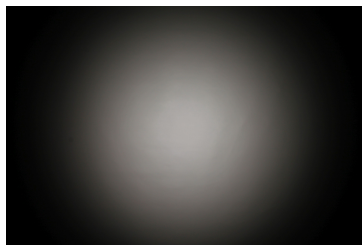
#### CITIZEN

LED CLL02x/CLU02x (LES10)  
 FWHM / FWTM 36.0° / 52.0°  
 Efficiency 84 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C

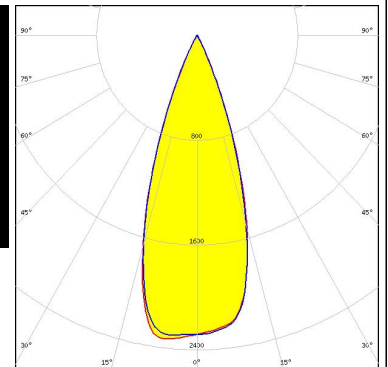
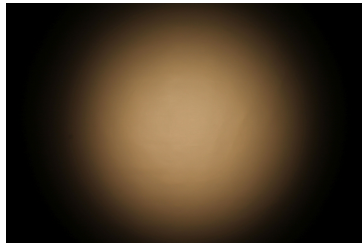


#### CITIZEN

LED CLL03x/CLU03x  
 FWHM / FWTM 33.0° / 54.5°  
 Efficiency 84 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



LED CMA1516  
 FWHM / FWTM 36.0° / 52.0°  
 Efficiency 84 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17436\_HEKLA-G2-D

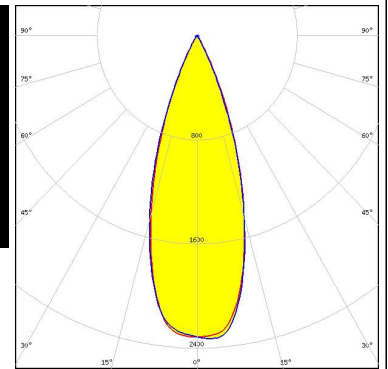
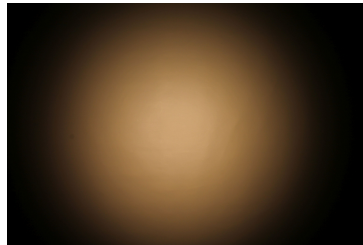




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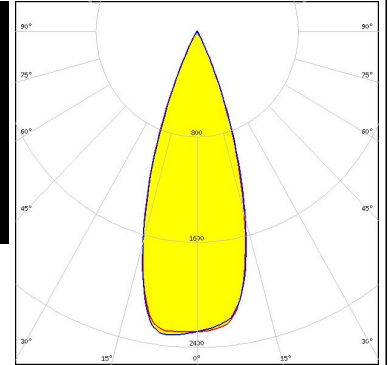
##### CREE LED

LED CMA1825  
FWHM / FWTM 35.0° / 55.0°  
Efficiency 85 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15254\_HEKLA-SOCKET-B



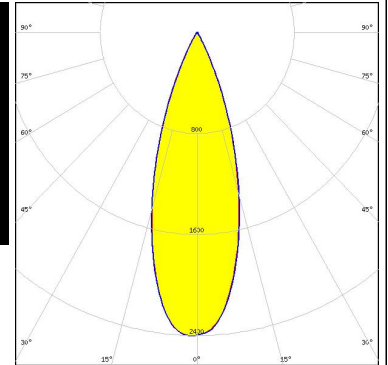
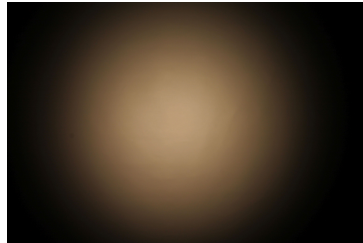
##### CREE LED

LED CMT14xx  
FWHM / FWTM 36.0° / 53.0°  
Efficiency 84 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17435\_HEKLA-G2-C



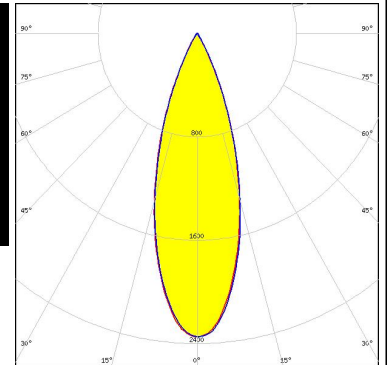
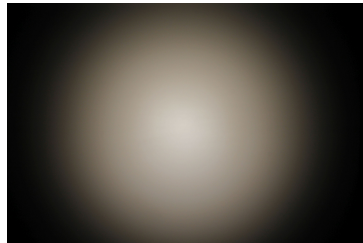
##### CREE LED

LED CMT19xx  
FWHM / FWTM 33.0° / 54.0°  
Efficiency 83 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17438\_HEKLA-G2-I



##### CREE LED

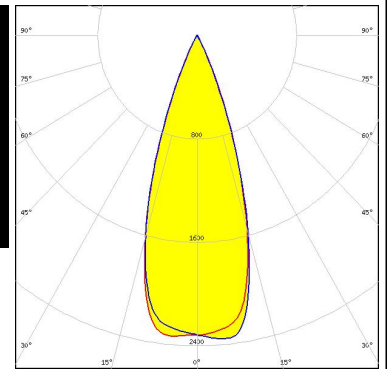
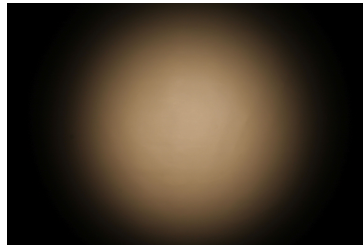
LED CMU15xx  
FWHM / FWTM 33.0° / 56.0°  
Efficiency 83 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17438\_HEKLA-G2-I



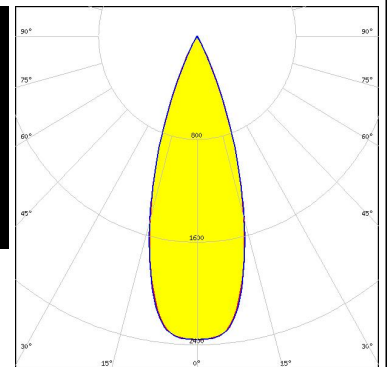
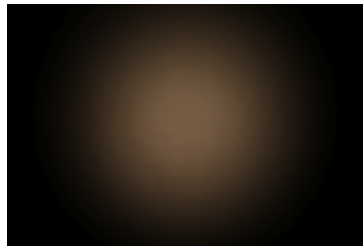
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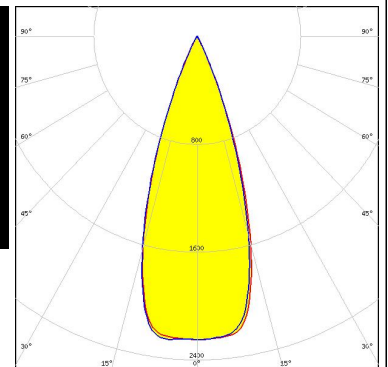
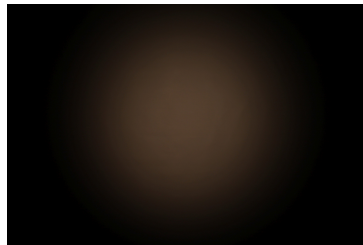
LED LUXEON CoB 1202/1203  
 FWHM / FWTM 36.0° / 52.0°  
 Efficiency 84 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17437\_HEKLA-G2-H



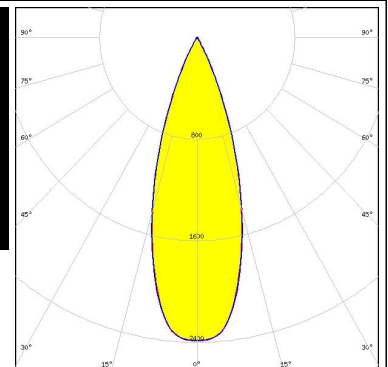
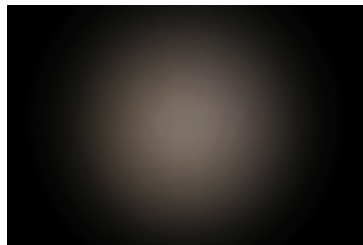
LED COB L-Type (LES 11)  
 FWHM / FWTM 34.0° / 53.0°  
 Efficiency 83 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17437\_HEKLA-G2-H



LED COB L-Type (LES 9)  
 FWHM / FWTM 36.0° / 52.0°  
 Efficiency 83 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17437\_HEKLA-G2-H



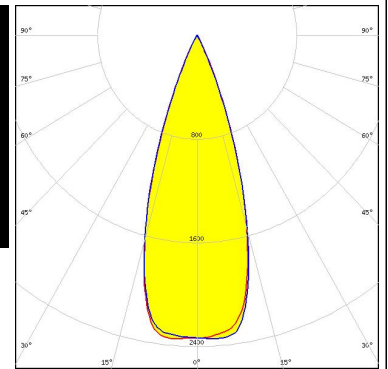
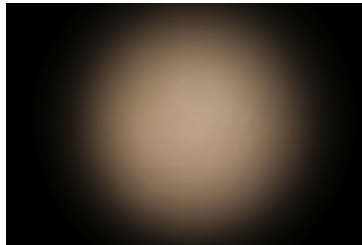
LED COB S-Type (LES 7)  
 FWHM / FWTM 34.0° / 54.0°  
 Efficiency 83 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



#### PHOTOMETRIC DATA (MEASURED):

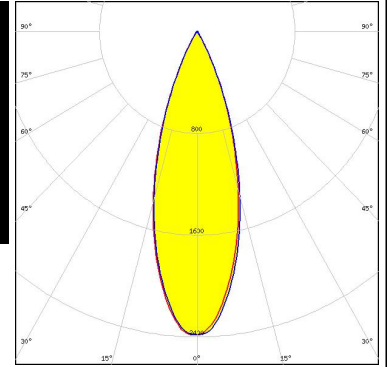
#### PHILIPS

LED Fortimo SLM L09 CoB  
 FWHM / FWTM 36.0° / 52.0°  
 Efficiency 84 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17437\_HEKLA-G2-H



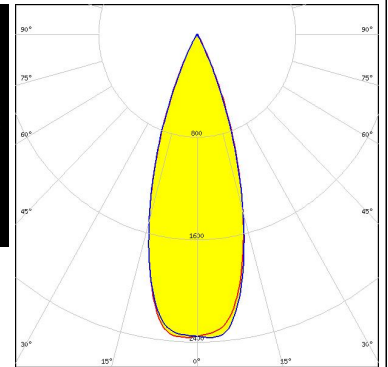
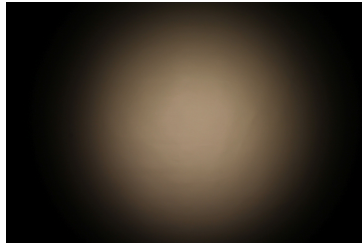
#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 FWHM / FWTM 33.0° / 55.0°  
 Efficiency 83 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



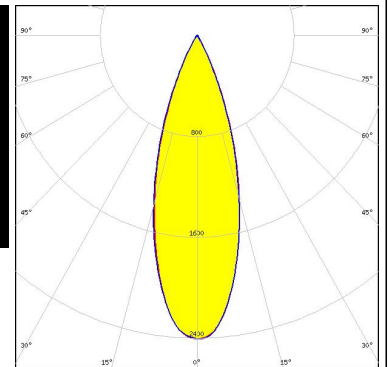
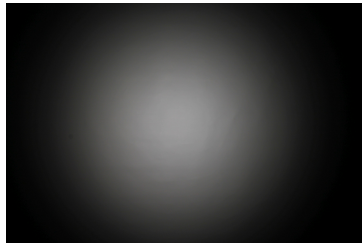
#### SAMSUNG

LED LC030C/040C G2  
 FWHM / FWTM 34.0° / 53.0°  
 Efficiency 84 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



SEOUL SEMICONDUCTOR

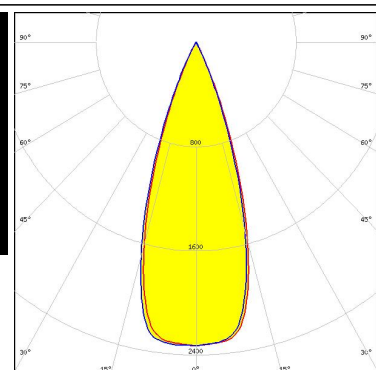
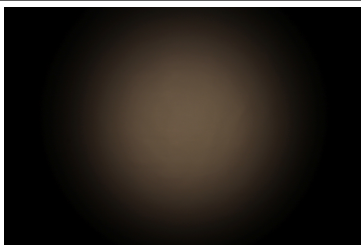
LED MJT COB LES 14.5  
 FWHM / FWTM 33.0° / 55.0°  
 Efficiency 83 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



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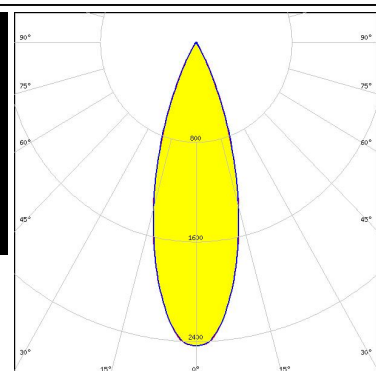
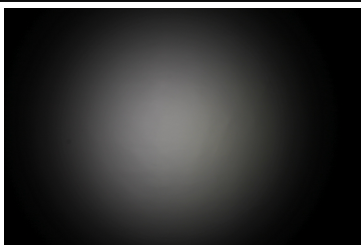
#### TRIDONIC

LED SLE G7 LES09  
 FWHM / FWTM 36.0° / 51.0°  
 Efficiency 84 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



#### TRIDONIC

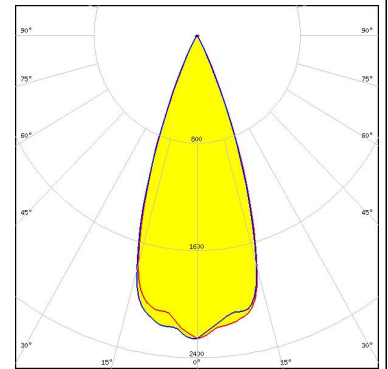
LED SLE G7 LES15  
 FWHM / FWTM 33.0° / 55.0°  
 Efficiency 84 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



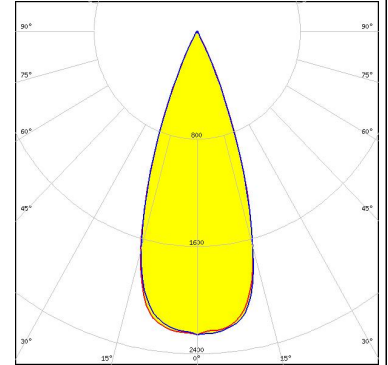
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LED V6 HD  
FWHM / FWTM 38.0° / 52.0°  
Efficiency 87 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15255\_HEKLA-SOCKET-C

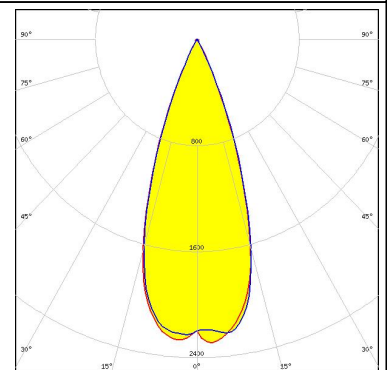


LED V8 Gen 8  
FWHM / FWTM 38.0° / 54.0°  
Efficiency 86 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15253\_HEKLA-SOCKET-A

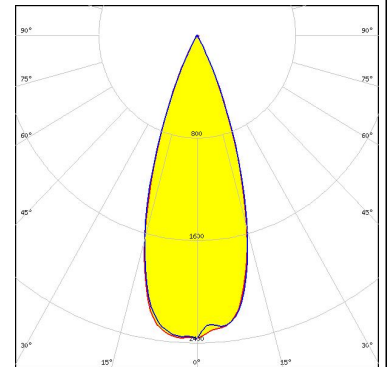


#### CITIZEN

LED CLU712  
FWHM / FWTM 38.0° / 54.0°  
Efficiency 85 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17438\_HEKLA-G2-I



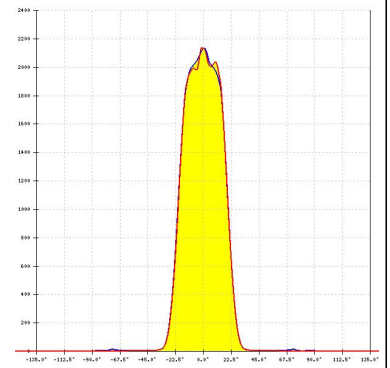
LED CMU10xx  
FWHM / FWTM 36.0° / 54.0°  
Efficiency 86 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17435\_HEKLA-G2-C



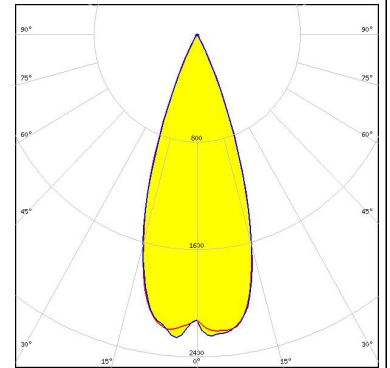
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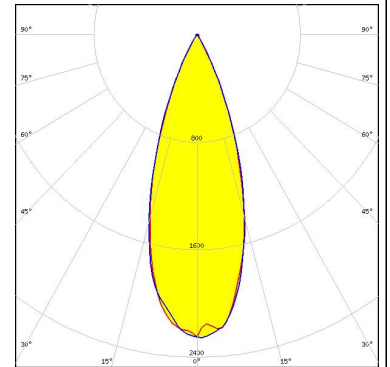
LED CXA/B 13xx  
FWHM / FWTM 40.0° / 54.0°  
Efficiency 86 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17439\_HEKLA-G2-J



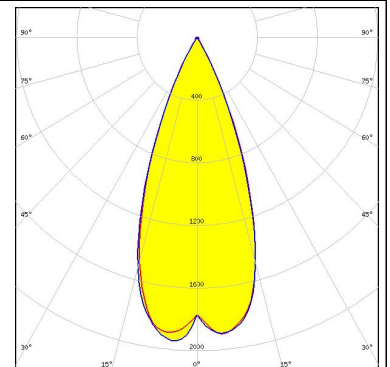
LED CXA/B 15xx  
FWHM / FWTM 38.0° / 54.0°  
Efficiency 85 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17436\_HEKLA-G2-D



LED CXA/B 1830  
FWHM / FWTM 36.0° / 56.0°  
Efficiency 85 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 637b Hekla



LED NVCWJ024Z-V1MT: COB J-Type Tunable White  
FWHM / FWTM 41.0° / 58.0°  
Efficiency 86 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 498 Typ L8 HV

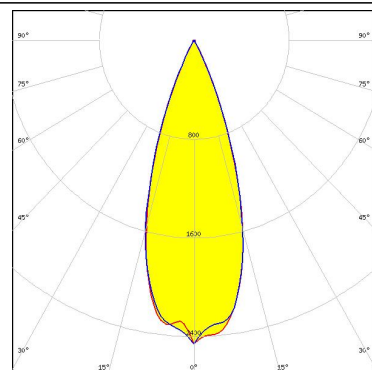




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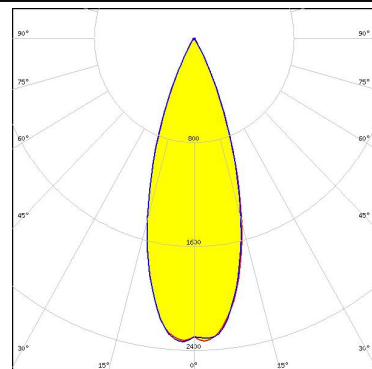
#### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
 FWHM / FWTM 36.0° / 54.0°  
 Efficiency 85 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



#### TRIDONIC

LED SLE G7 LES13  
 FWHM / FWTM 35.0° / 56.0°  
 Efficiency 85 %  
 Peak intensity 2.4 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.

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#### LEDiL Oy

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Finland

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Sycamore IL 60178  
USA

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

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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

Salo, Finland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
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