

YASMEEN-70-WW-C

~60° wide beam. Assembly with holder C compatible with LEDiL HEKLA. Black version.

SPECIFICATION:

Dimensions	Ø 69.9 mm
Height	39.9 mm
ROHS compliant	yes ⓘ

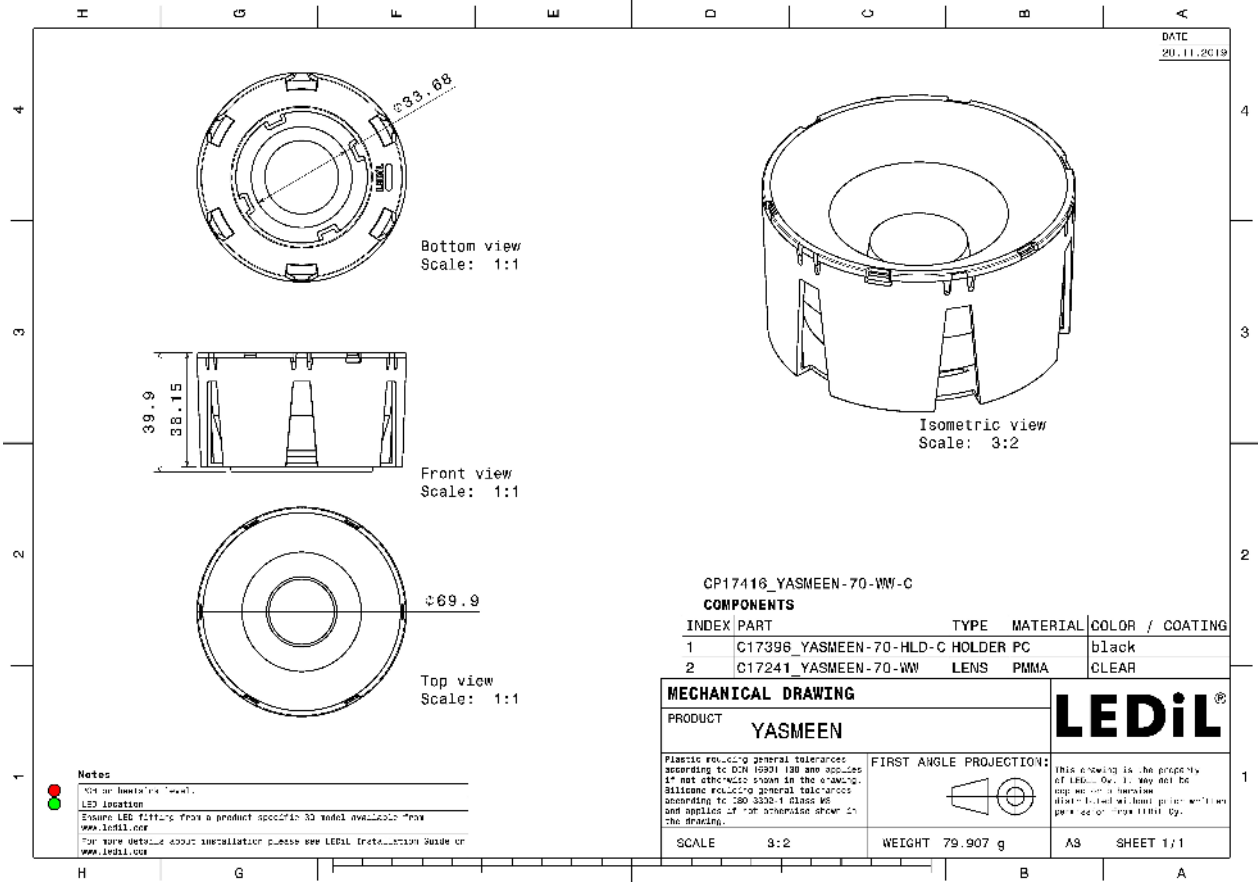
MATERIALS:

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

ORDERING INFORMATION:


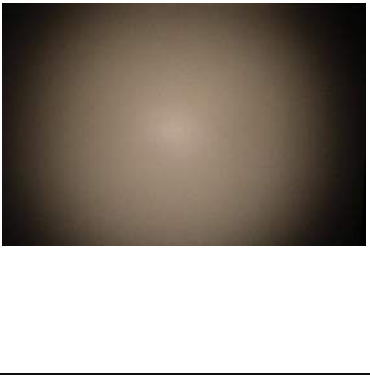
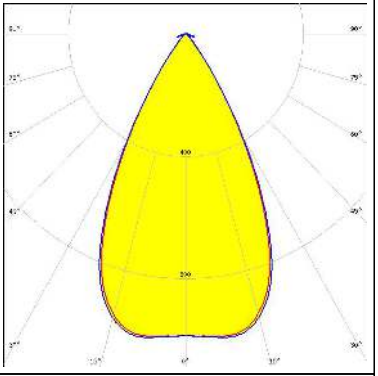


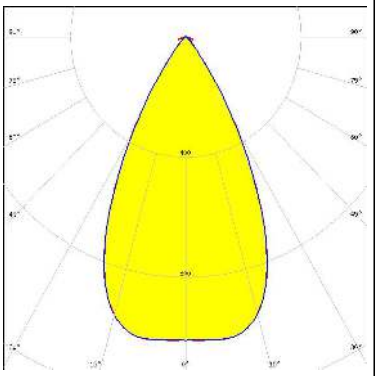


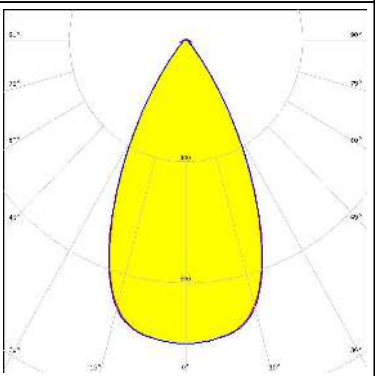


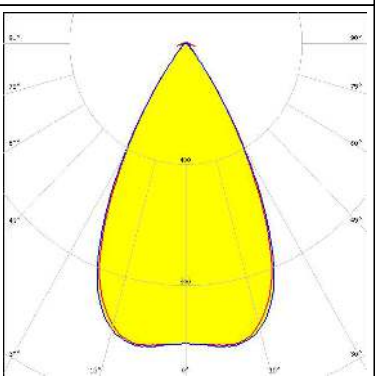
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP17416_YASMEEN-70-WW-C » Box size: 476 x 273 x 305 mm	Single lens	105	105	15	9.8




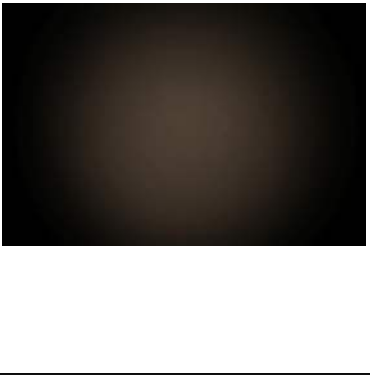
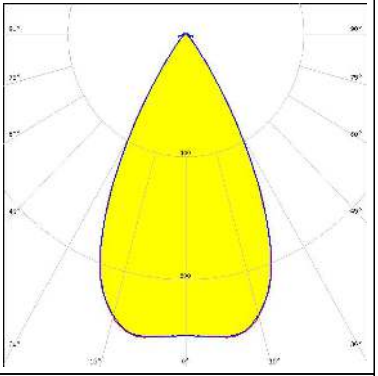


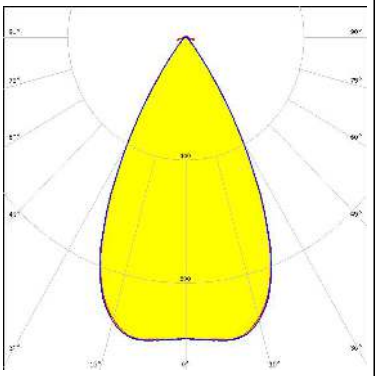


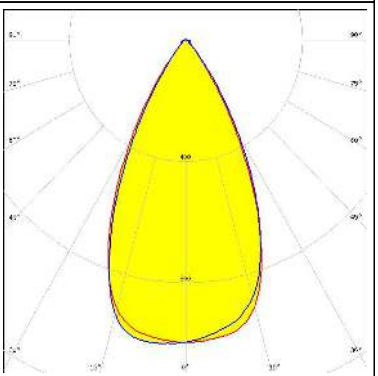


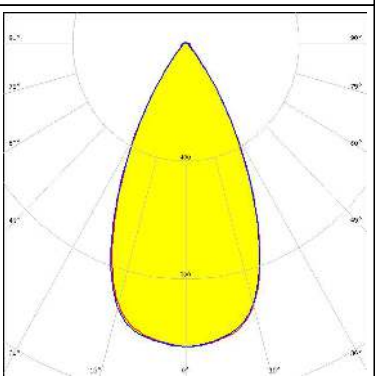


See also our general installation guide: www.ledil.com/installation_guide



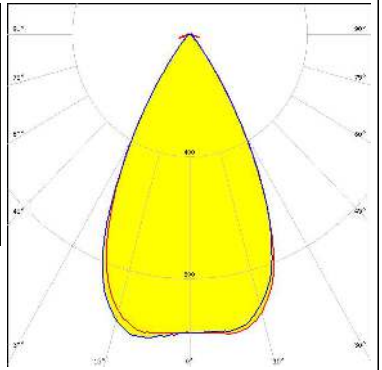
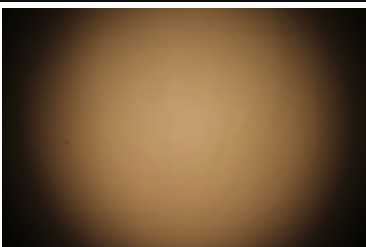
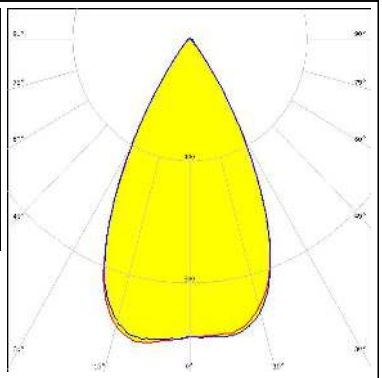
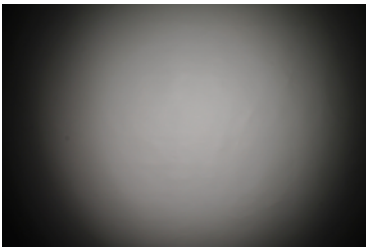
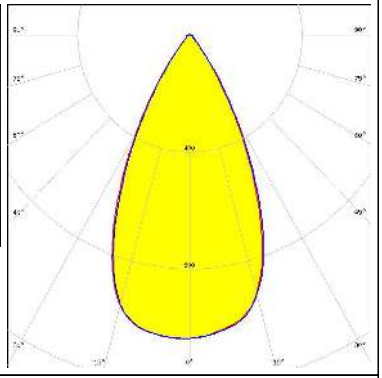

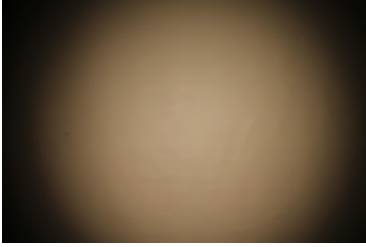
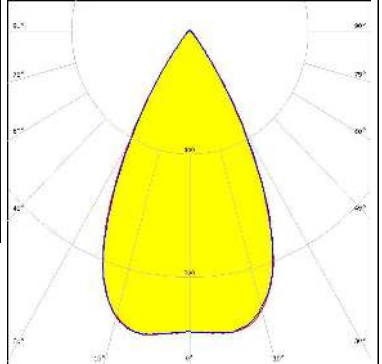
OPTICAL RESULTS (MEASURED):

<p></p> <p>LED V10 Gen 8 FWHM / FWTM 55.0° / 76.0° Efficiency 83 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C</p>		
<p></p> <p>LED V11 HD Gen 8 FWHM / FWTM 54.0° / 75.0° Efficiency 82 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 633d Hekla</p>		
<p></p> <p>LED V13 Gen 8 FWHM / FWTM 53.0° / 78.0° Efficiency 80 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I</p>		
<p></p> <p>LED V8 Gen 8 FWHM / FWTM 56.0° / 76.0° Efficiency 85 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: F15253_HEKLA-SOCKET-A</p>		

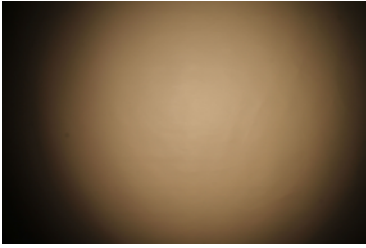
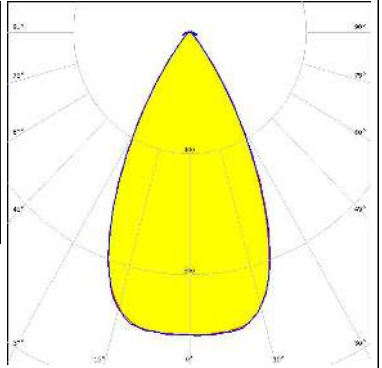
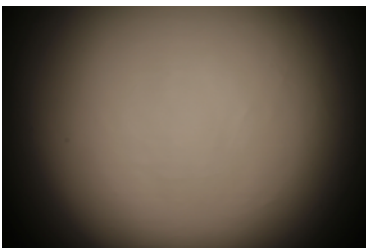
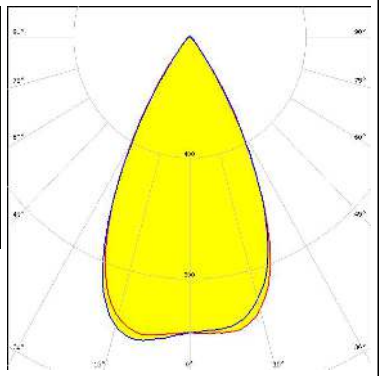

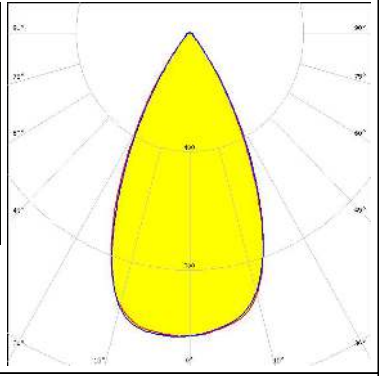
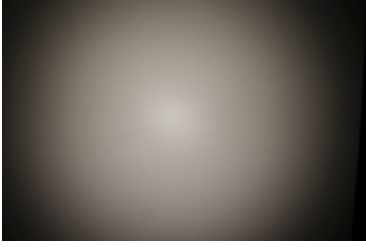
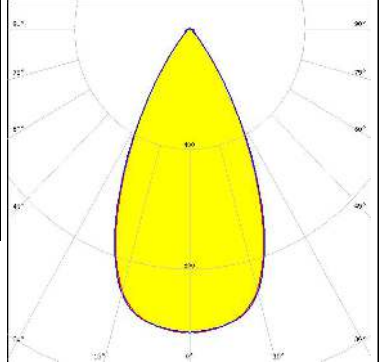
OPTICAL RESULTS (MEASURED):

<p></p> <p>LED V9 HD Gen7 FWHM / FWTM 55.0° / 74.0° Efficiency 81 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I</p>		
<p></p> <p>LED VERO10 FWHM / FWTM 55.0° / 75.0° Efficiency 82 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: F15616_HEKLA-SOCKET-F</p>		
<p></p> <p>LED Vesta DTW 13mm (21W) FWHM / FWTM 53.0° / 77.0° Efficiency 80 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour Tunable White Required components: Bender Wirth: 632a Hekla</p>		
<p></p> <p>LED Vesta DTW 15mm (33W) FWHM / FWTM 52.0° / 77.0° Efficiency 80 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour Tunable White Required components: Bender Wirth: 632b Hekla XL</p>		


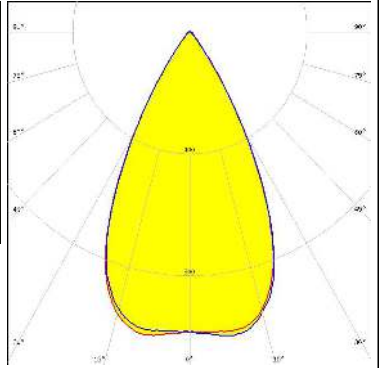
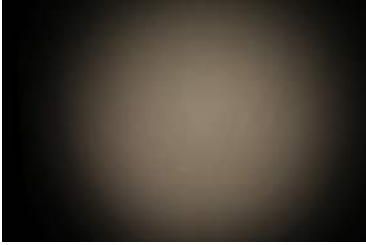
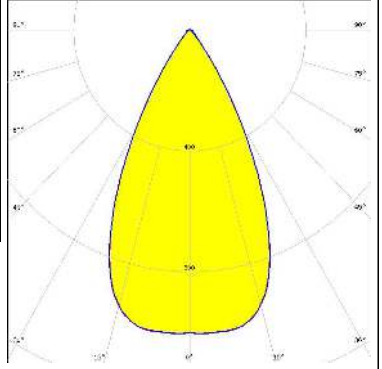
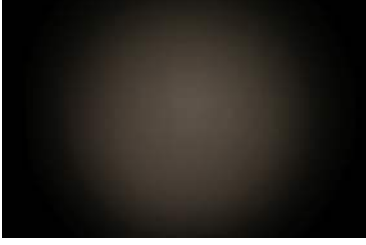
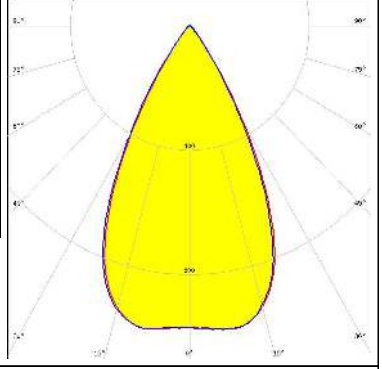
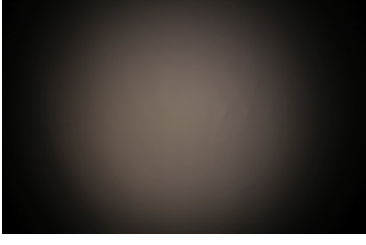
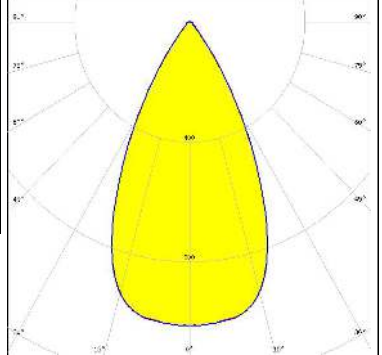
OPTICAL RESULTS (MEASURED):

<p></p> <p>LED Vesta DTW 9mm (4W/6W/12W) FWHM / FWTM 55.0° / 76.0° Efficiency 82 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 652b Hekla</p>		
<p>CITIZEN</p> <p>LED CLL02x/CLU02x (LES10) FWHM / FWTM 54.0° / 75.0° Efficiency 81 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: F17435_HEKLA-G2-C</p>		
<p>CITIZEN</p> <p>LED CLL03x/CLU03x FWHM / FWTM 52.0° / 76.0° Efficiency 80 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: F17438_HEKLA-G2-I</p>		
<p></p> <p>LED CMA1516 FWHM / FWTM 55.0° / 75.0° Efficiency 81 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: F17436_HEKLA-G2-D</p>		

OPTICAL RESULTS (MEASURED):

<p>CREE ⇄ LED</p> <p>LED CMA1825 FWHM / FWTM 54.0° / 76.0° Efficiency 81 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: F15254_HEKLA-SOCKET-B</p>		
<p>CREE ⇄ LED</p> <p>LED CMT14xx FWHM / FWTM 55.0° / 75.0° Efficiency 81 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: F17435_HEKLA-G2-C</p>		
<p>CREE ⇄ LED</p> <p>LED CMT19xx FWHM / FWTM 52.0 + 5.0° / 76.0° Efficiency 80 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: F17438_HEKLA-G2-I</p>		
<p>CREE ⇄ LED</p> <p>LED CMU15xx FWHM / FWTM 52.0° / 77.0° Efficiency 79 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: F17438_HEKLA-G2-I</p>		

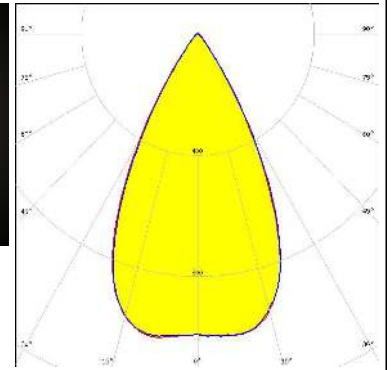
OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON CoB 1202/1203</p> <p>FWHM / FWTM 55.0° / 74.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		
<p>NICHIA</p> <p>LED COB L-Type (LES 11)</p> <p>FWHM / FWTM 54.0° / 75.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		
<p>NICHIA</p> <p>LED COB L-Type (LES 9)</p> <p>FWHM / FWTM 55.0° / 74.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		
<p>NICHIA</p> <p>LED COB S-Type (LES 7)</p> <p>FWHM / FWTM 53.0° / 76.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17438_HEKLA-G2-I</p>		

OPTICAL RESULTS (MEASURED):

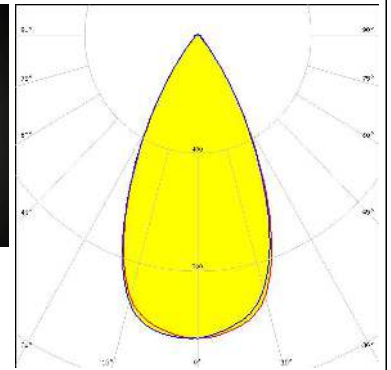
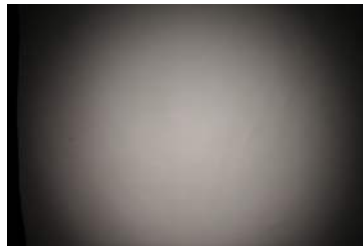
PHILIPS

LED Fortimo SLM L09 CoB
 FWHM / FWTM 54.0° / 74.0°
 Efficiency 81 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



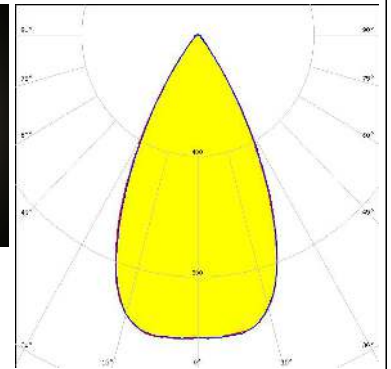
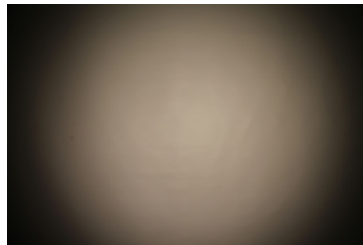
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 52.0° / 77.0°
 Efficiency 80 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



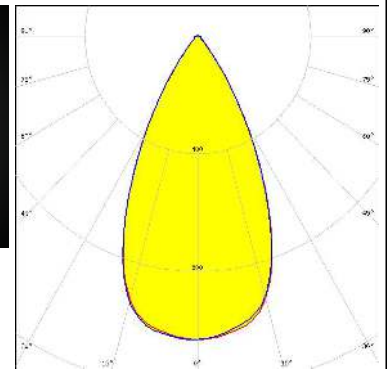
SAMSUNG

LED LC030C/040C G2
 FWHM / FWTM 54.0° / 75.0°
 Efficiency 81 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



SEOUL SEMICONDUCTOR

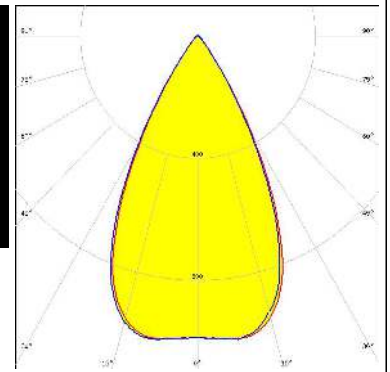
LED MJT COB LES 14.5
 FWHM / FWTM 52.0° / 77.0°
 Efficiency 80 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



OPTICAL RESULTS (MEASURED):

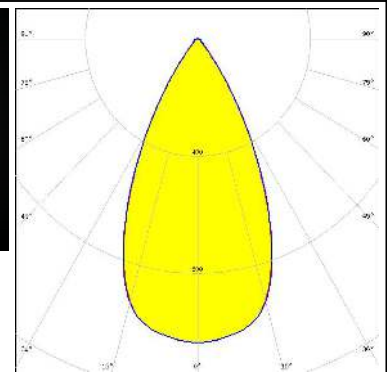
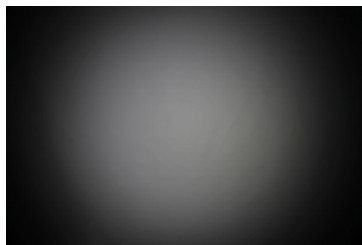
TRIDONIC

LED SLE G7 LES09
FWHM / FWTM 55.0° / 74.0°
Efficiency 81 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



TRIDONIC

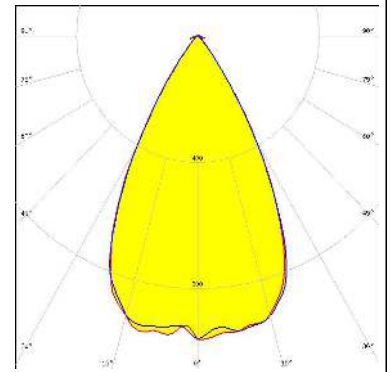
LED SLE G7 LES15
FWHM / FWTM 52.0° / 76.0°
Efficiency 80 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



OPTICAL RESULTS (SIMULATED):

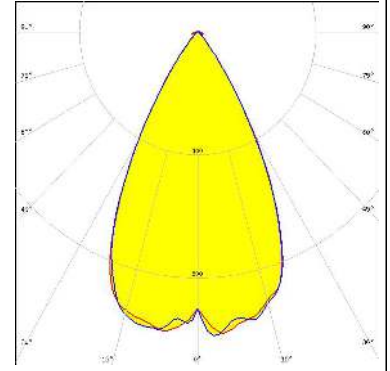
CITIZEN

LED CLU712/713
 FWHM / FWTM 56.0° / 76.0°
 Efficiency 81 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



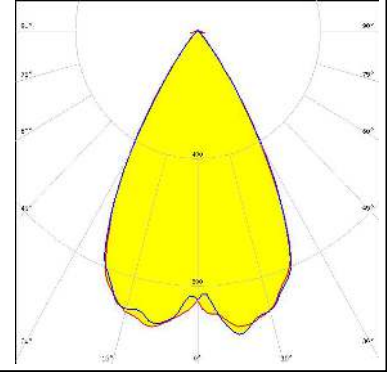
CREE LED

LED CMU10xx
 FWHM / FWTM 56.0° / 76.0°
 Efficiency 81 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



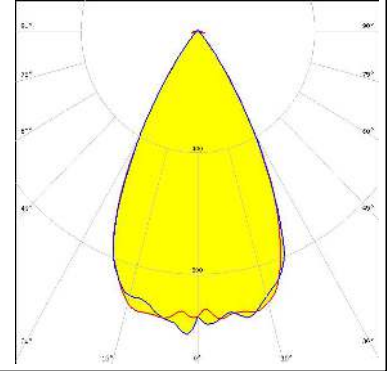
CREE LED

LED CXA/B 13xx
 FWHM / FWTM 58.0° / 76.0°
 Efficiency 82 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17439_HEKLA-G2-J



CREE LED

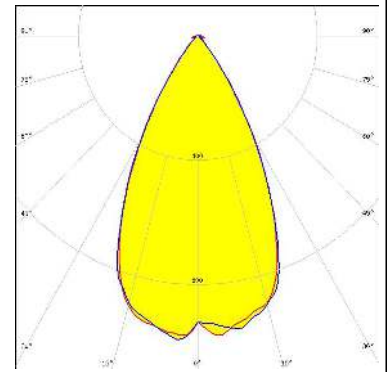
LED CXA/B 15xx
 FWHM / FWTM 56.0° / 76.0°
 Efficiency 80 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



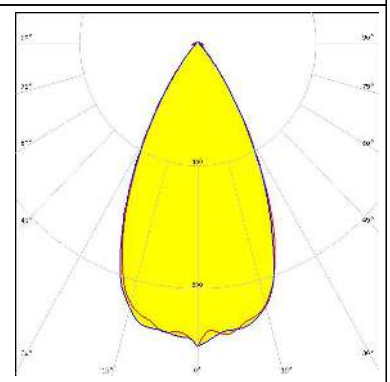
OPTICAL RESULTS (SIMULATED):



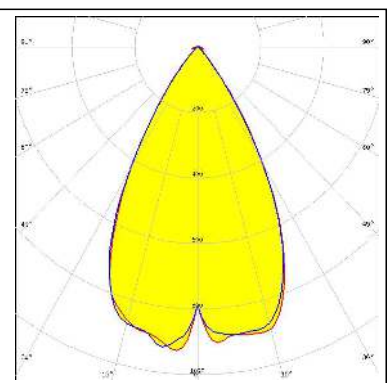
LED CXA/B 1830
 FWHM / FWTM 54.0° / 78.0°
 Efficiency 79 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 637b Hekla



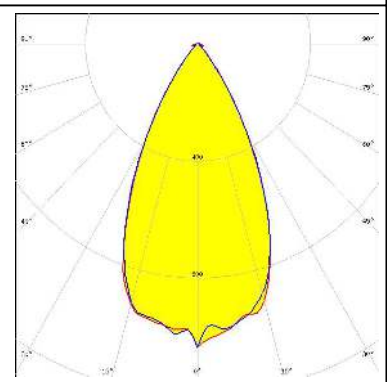
LED CxM-14 (19x19)
 Assembly NULL
 FWHM / FWTM 54.0° / 78.0°
 Efficiency 78 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



LED NVCWJ024Z-V1MT: COB J-Type Tunable White
 FWHM / FWTM 58.0° / 80.0°
 Efficiency 81 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 498 Typ L8 HV



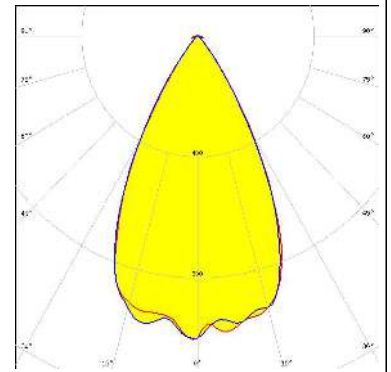
LED PrevaLED Core G7 LES15 CoB
 Assembly NULL
 FWHM / FWTM 52.0° / 78.0°
 Efficiency 78 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



OPTICAL RESULTS (SIMULATED):

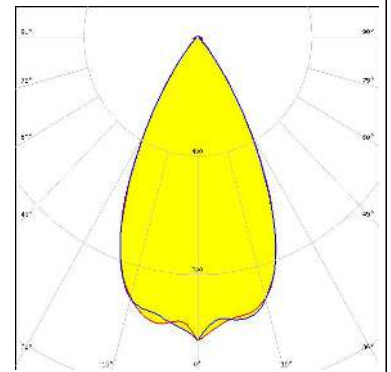
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
FWHM / FWTM 56.0° / 76.0°
Efficiency 80 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



TRIDONIC

LED SLE G7 LES13
FWHM / FWTM 54.0° / 77.0°
Efficiency 80 %
Peak intensity 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.

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.

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