

YASMEEN-70-S-C-WHT

~15° spot beam. Assembly with holder C compatible with LEDiL HEKLA. White version.

SPECIFICATION:

Dimensions	Ø 69.9 mm
Height	39.9 mm
ROHS compliant	yes ⓘ

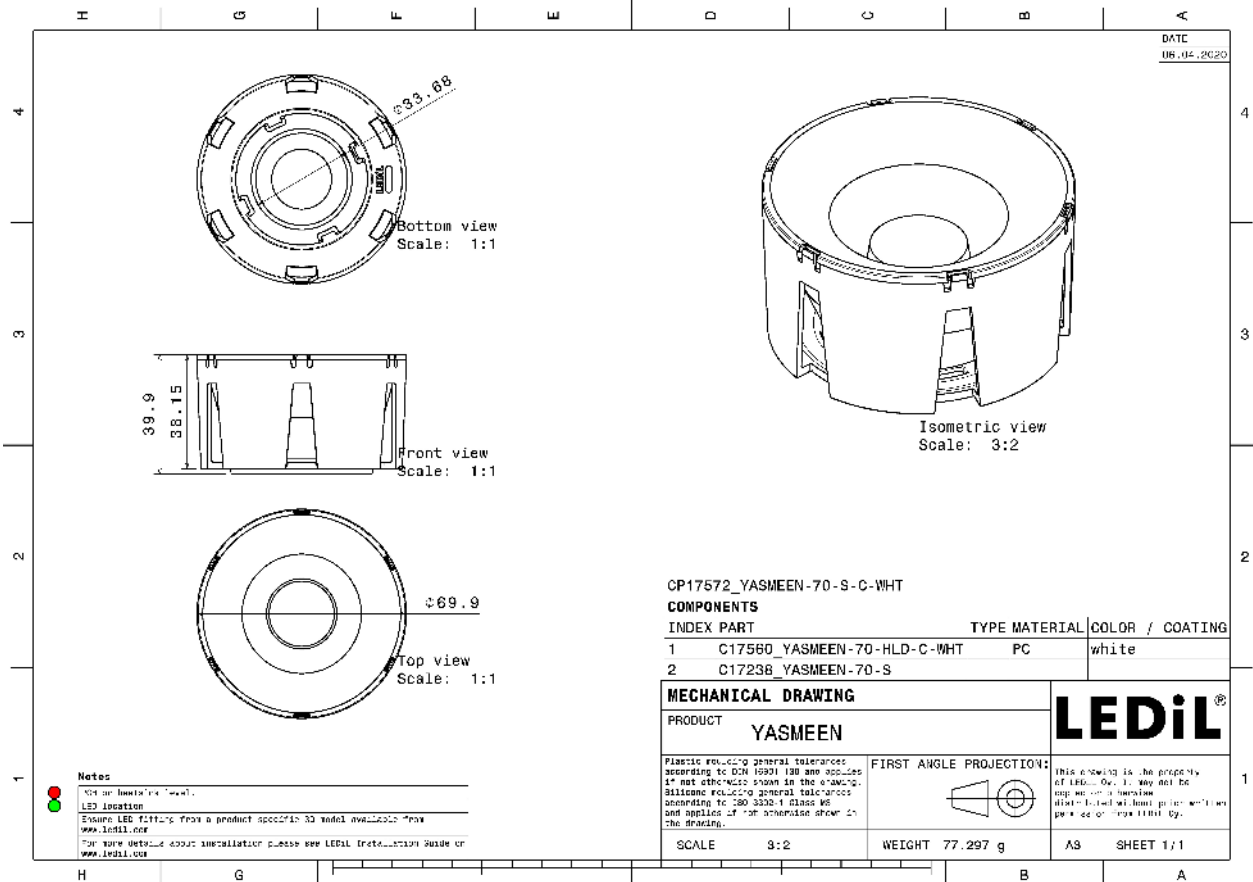
MATERIALS:

Component	Type	Material	Colour	Finish
YASMEEN-70-S	Single lens	PMMA	clear	
YASMEEN-70-HLD-C-WHT	Holder	PC	white	

ORDERING INFORMATION:


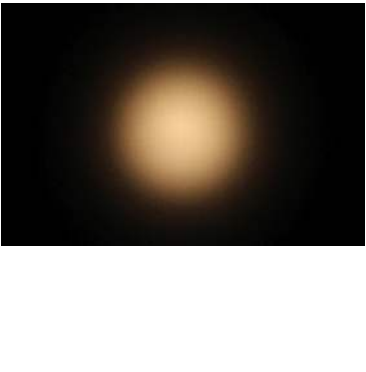
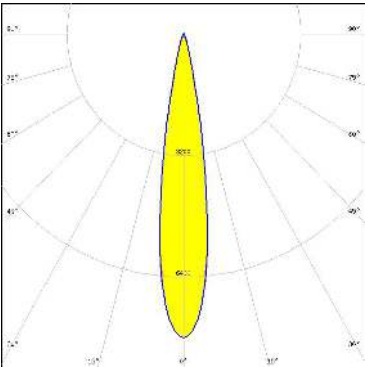


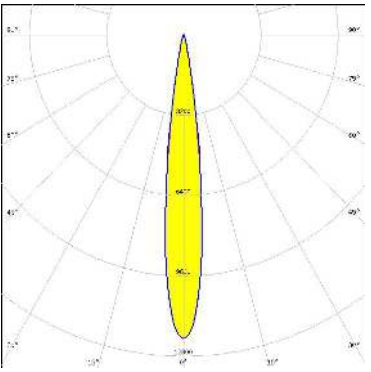

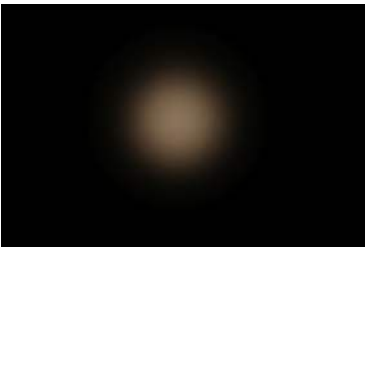
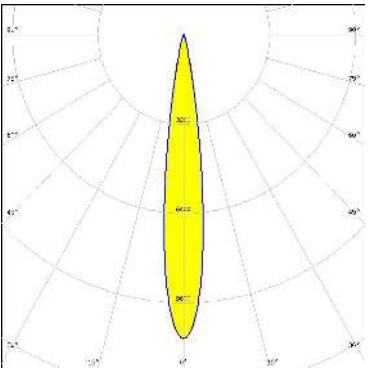

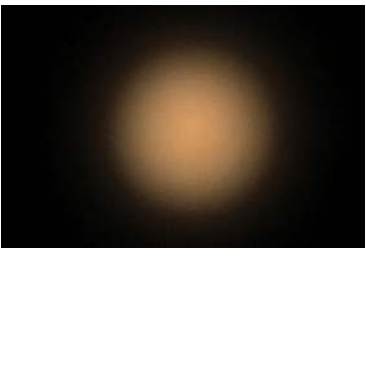
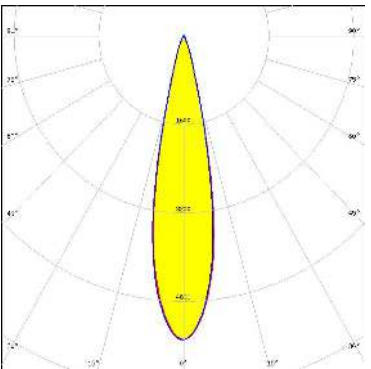
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP17572_YASMEEN-70-S-C-WHT	Single lens	105	105	15	9.8
» Box size: 476 x 273 x 305 mm					




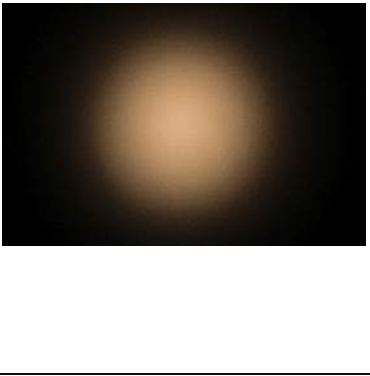
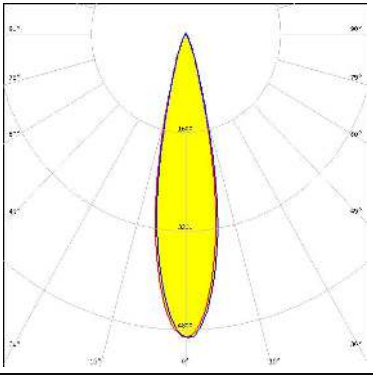


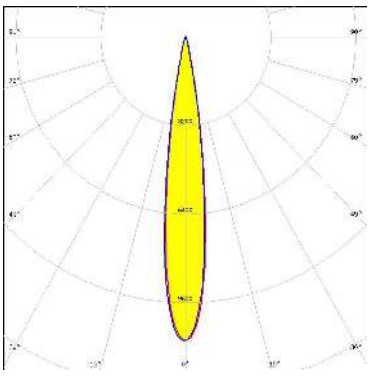
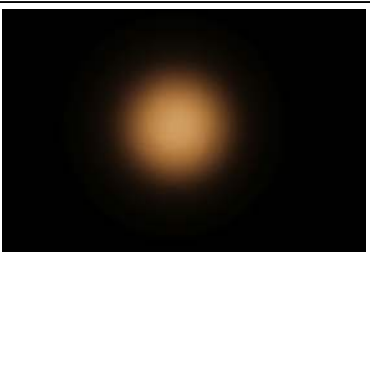
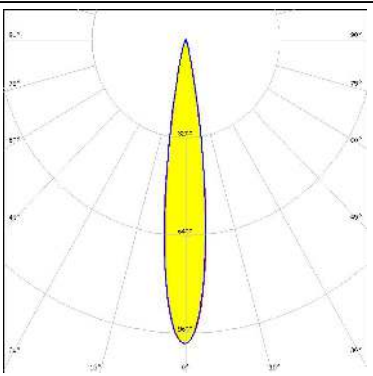

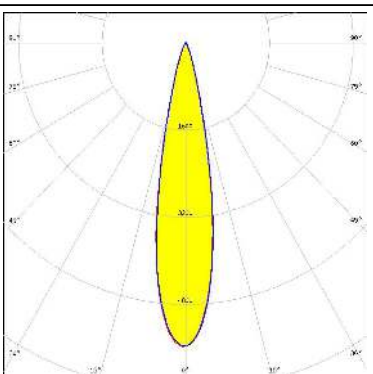


See also our general installation guide: www.ledil.com/installation_guide

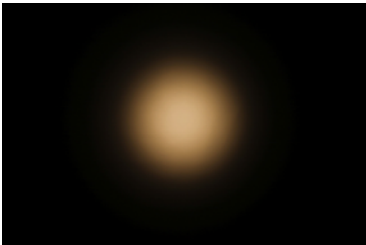
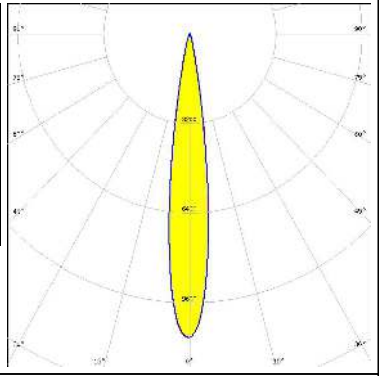
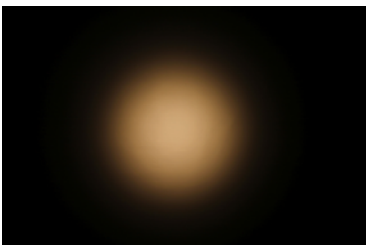
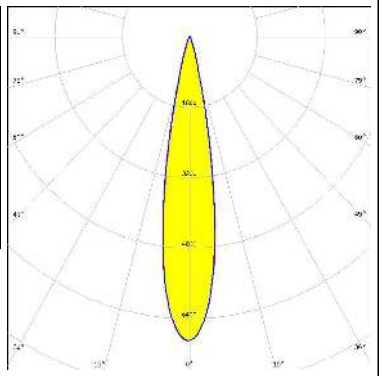

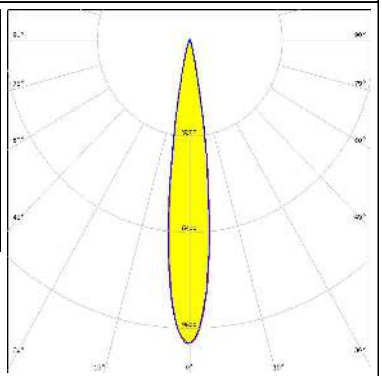

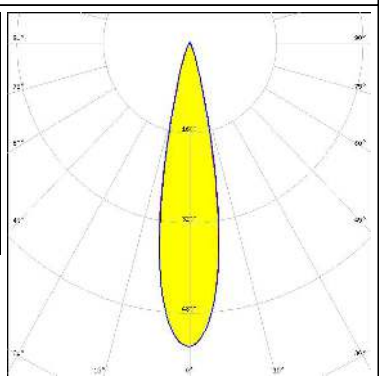
OPTICAL RESULTS (MEASURED):

<p></p> <p>LED V11 HD Gen 8</p> <p>FWHM / FWTM 18.0° / 30.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 633d Hekla</p>		
<p></p> <p>LED V9 HD Gen7</p> <p>FWHM / FWTM 13.0° / 24.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 12.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15859_HEKLA-SOCKET-I</p>		
<p></p> <p>LED VERO10</p> <p>FWHM / FWTM 14.0° / 25.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 10.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15616_HEKLA-SOCKET-F</p>		
<p></p> <p>LED Vesta DTW 13mm (21W)</p> <p>FWHM / FWTM 22.0° / 36.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 5.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: Bender Wirth: 632b Hekla XL</p>		

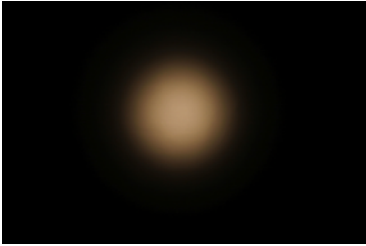
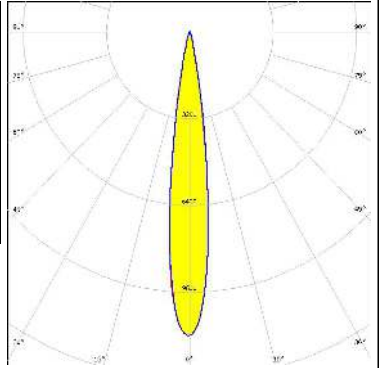
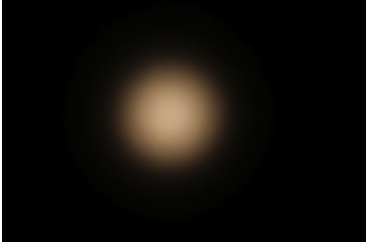
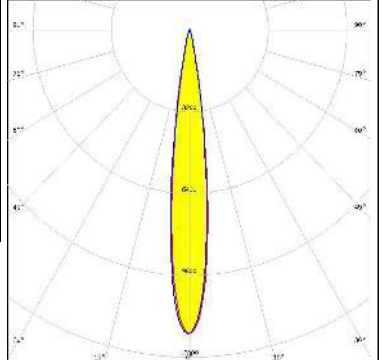
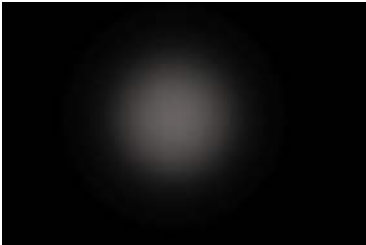
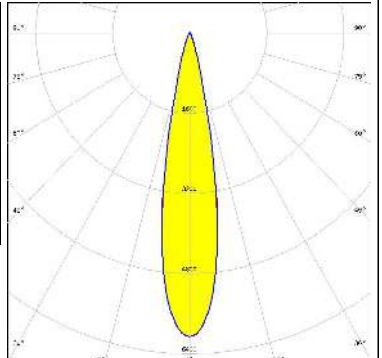

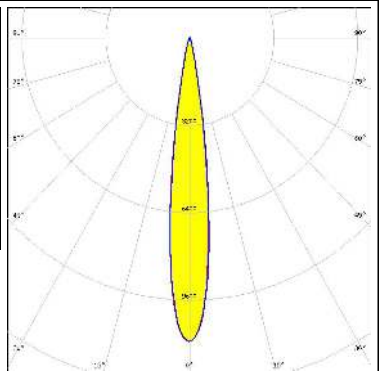
OPTICAL RESULTS (MEASURED):

<p></p> <p>LED Vesta DTW 15mm (33W) FWHM / FWTM 23.0° / 39.0° Efficiency 92 % Peak intensity 4.9 cd/lm LEDs/each optic 1 Light colour Tunable White Required components: Bender Wirth: 632b Hekla XL</p>		
<p></p> <p>LED Vesta DTW 9mm (4W/6W/12W) FWHM / FWTM 15.0° / 25.0° Efficiency 93 % Peak intensity 11 cd/lm LEDs/each optic 1 Light colour Tunable White Required components: Bender Wirth: 652b Hekla</p>		
<p>CITIZEN</p> <p>LED CLL02x/CLU02x (LES10) FWHM / FWTM 15.5° / 26.5° Efficiency 92 % Peak intensity 10 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 21.0° / 37.0° Efficiency 92 % Peak intensity 5.6 cd/lm LEDs/each optic 1 Light colour White Required components: F17438_HEKLA-G2-I</p>		

OPTICAL RESULTS (MEASURED):

<p>CREE ⇄ LED</p> <p>LED CMA1516 FWHM / FWTM 14.0° / 25.0° Efficiency 93 % Peak intensity 10.9 cd/lm LEDs/each optic 1 Light colour White Required components: F17436_HEKLA-G2-D</p>		
<p>CREE ⇄ LED</p> <p>LED CMA1825 FWHM / FWTM 19.0° / 32.0° Efficiency 93 % Peak intensity 6.9 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 15.0° / 26.0° Efficiency 92 % Peak intensity 10.1 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 21.0° / 36.0° Efficiency 92 % Peak intensity 5.4 cd/lm LEDs/each optic 1 Light colour White Required components: F17438_HEKLA-G2-I</p>		

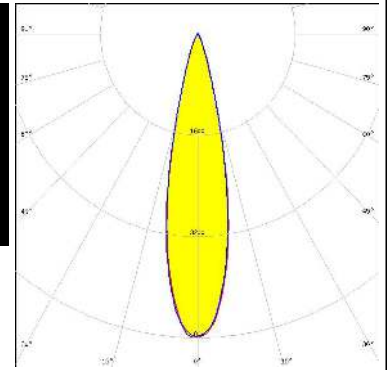
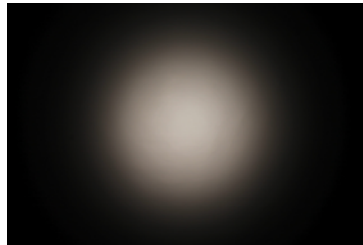
OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON CoB 1202/1203</p> <p>FWHM / FWTM 14.0° / 24.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 11.2 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 13.0° / 24.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 11.9 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 20.0° / 34.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 6.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17438_HEKLA-G2-I</p>		
<p>PHILIPS</p> <p>LED Fortimo SLM L09 CoB</p> <p>FWHM / FWTM 14.0° / 25.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 11.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		

OPTICAL RESULTS (MEASURED):

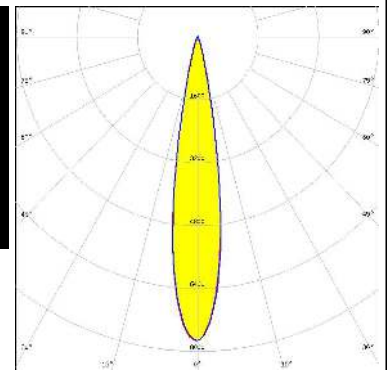
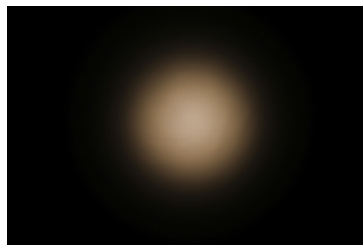
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 23.0° / 40.0°
 Efficiency 92 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I

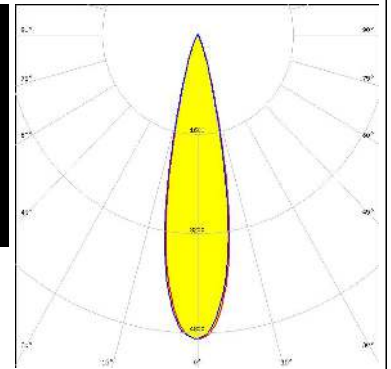


SAMSUNG

LED LC030C/040C G2
 FWHM / FWTM 17.0° / 30.0°
 Efficiency 92 %
 Peak intensity 7.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I

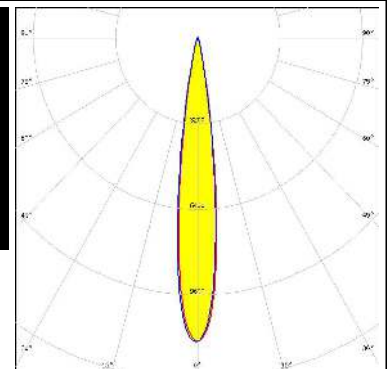


LED MJT COB LES 14.5
 FWHM / FWTM 23.0° / 39.0°
 Efficiency 92 %
 Peak intensity 4.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



TRIDONIC

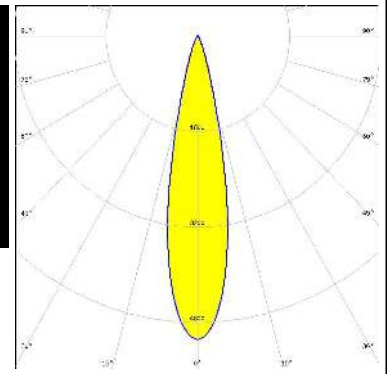
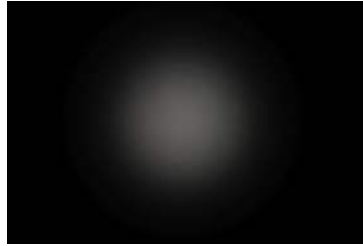
LED SLE G7 LES09
 FWHM / FWTM 15.0° / 25.0°
 Efficiency 93 %
 Peak intensity 11.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



OPTICAL RESULTS (MEASURED):

TRIDONIC

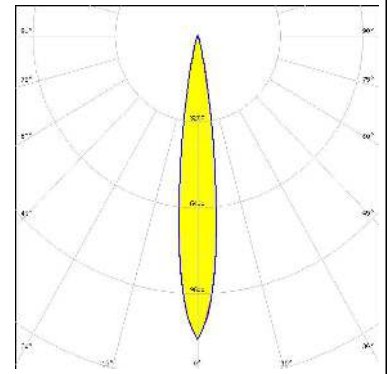
LED SLE G7 LES15
FWHM / FWTM 22.0° / 38.0°
Efficiency 92 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



OPTICAL RESULTS (SIMULATED):

CITIZEN

LED	CLU712/713
FWHM / FWTM	14.0° / 26.0°
Efficiency	93 %
Peak intensity	11.3 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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