

YASMEEN-70-S-C-WHT

~15° spot beam. Assembly with holder C compatible with HEKLA sockets and connectors. White version.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.9 mm
Height	39.9 mm
ROHS compliant	yes ⓘ

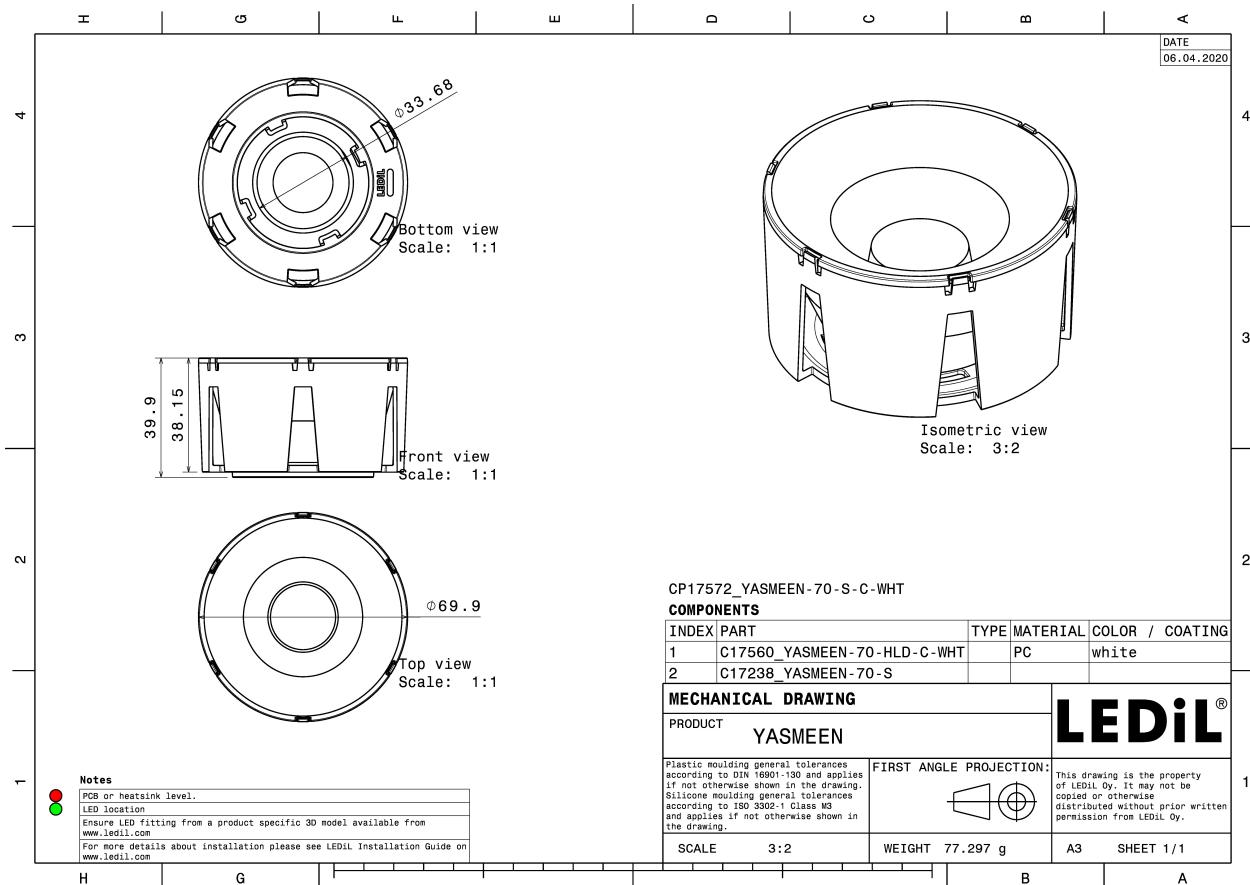


MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

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

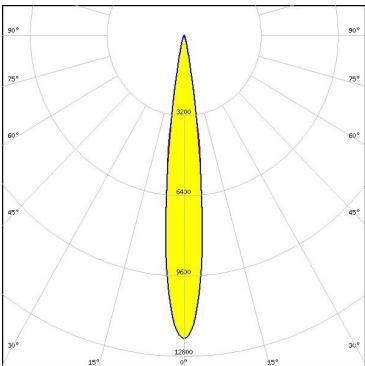
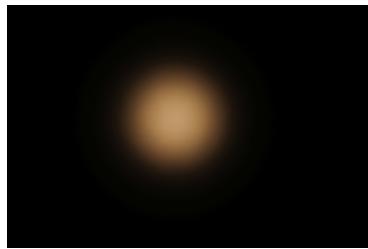


See also our general installation guide: www.ledil.com/installation_guide

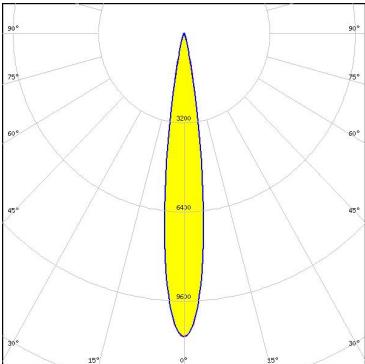
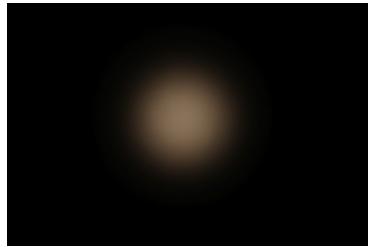
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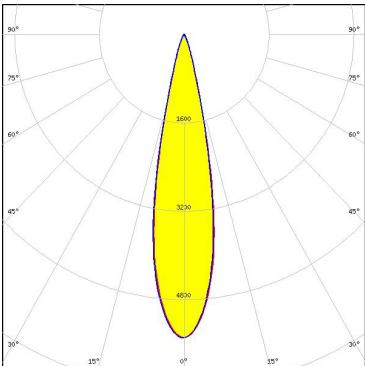
LED V9 HD
FWHM / FWTM 13.0° / 24.0°
Efficiency 92 %
Peak intensity 12.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F15859_HEKLA-SOCKET-I



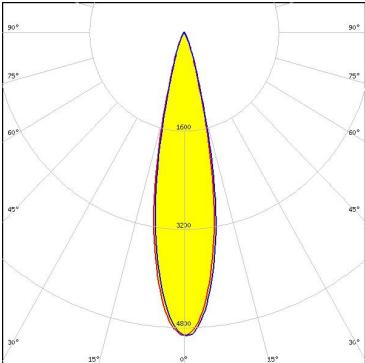
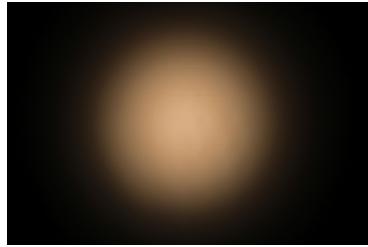
LED VERO10
FWHM / FWTM 14.0° / 25.0°
Efficiency 93 %
Peak intensity 10.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F15616_HEKLA-SOCKET-F



LED Vesta DTW 13mm (21W)
FWHM / FWTM 22.0° / 36.0°
Efficiency 92 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 Bender Wirth: 632b Hekla



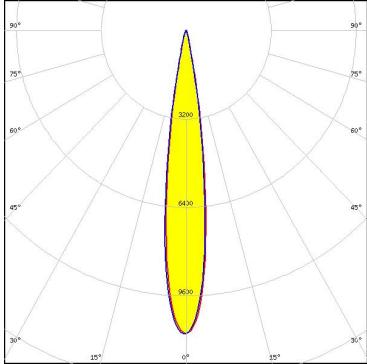
LED Vesta DTW 15mm (33W)
FWHM / FWTM 23.0° / 39.0°
Efficiency 92 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 Bender Wirth: 632b Hekla



PHOTOMETRIC DATA (MEASURED):

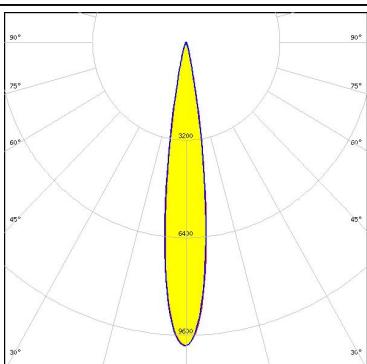
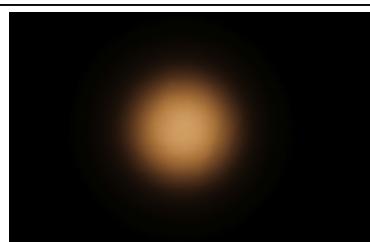


LED	Vesta DTW 9mm (4W/6W/12W)
FWHM / FWTM	15.0° / 25.0°
Efficiency	93 %
Peak intensity	11 cd/lm
LEDs/each optic	1
Light colour	Tunable White
Required components:	
	Bender Wirth: 652b Hekla



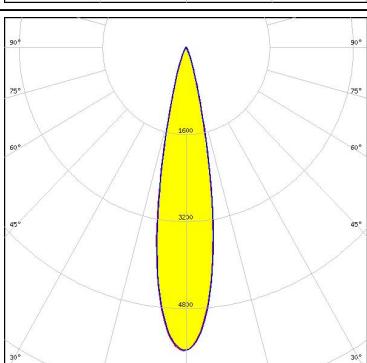
CITIZEN

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



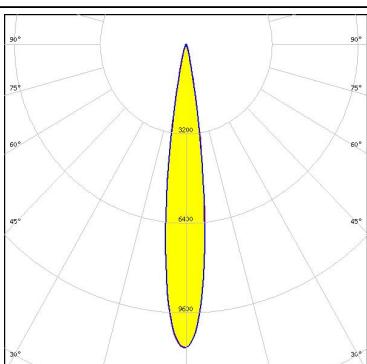
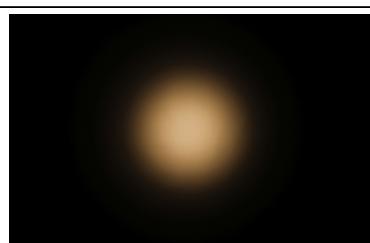
CITIZEN

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

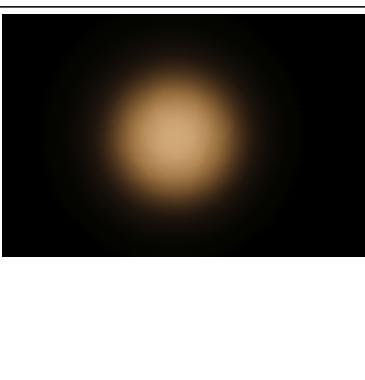
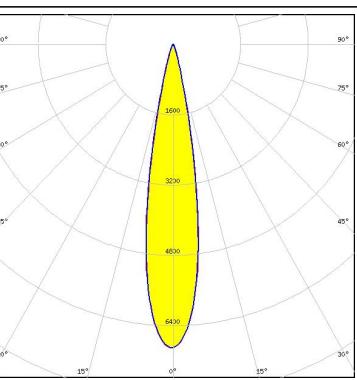
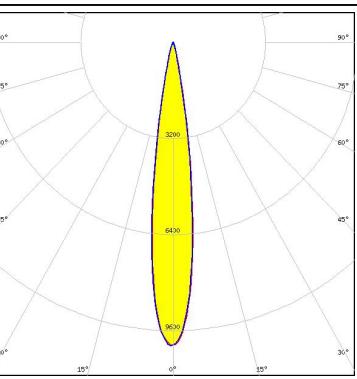
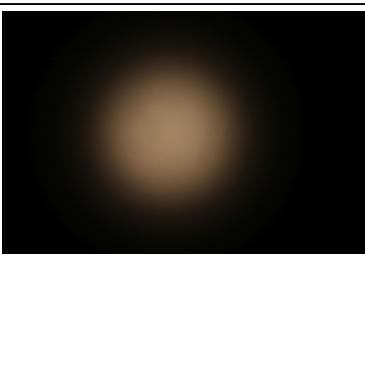
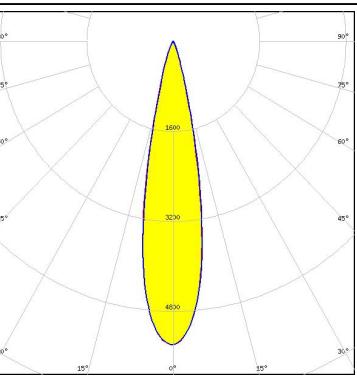
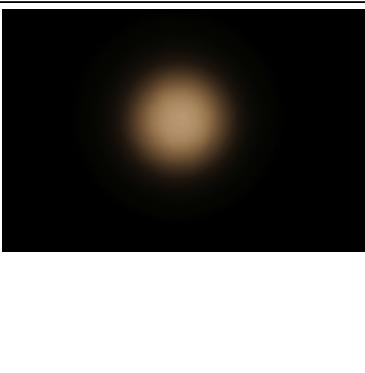
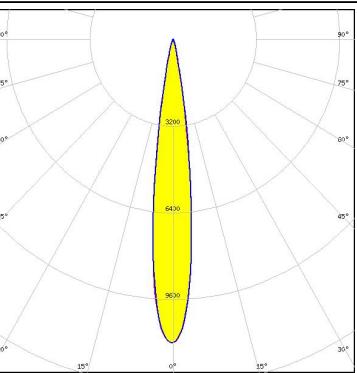


CREE → LED

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



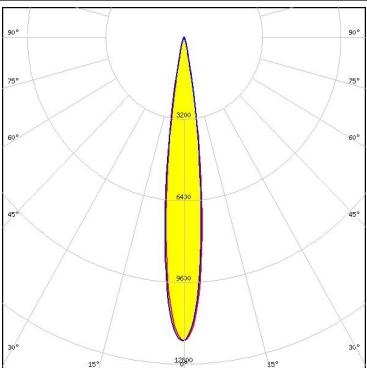
PHOTOMETRIC DATA (MEASURED):

CREE LED <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>		 <table border="1"> <thead> <tr> <th>Angle (°)</th> <th>Intensity (lm)</th> </tr> </thead> <tbody> <tr><td>0</td><td>1600</td></tr> <tr><td>15</td><td>1000</td></tr> <tr><td>30</td><td>600</td></tr> <tr><td>45</td><td>400</td></tr> <tr><td>60</td><td>300</td></tr> <tr><td>75</td><td>200</td></tr> <tr><td>90</td><td>150</td></tr> </tbody> </table>	Angle (°)	Intensity (lm)	0	1600	15	1000	30	600	45	400	60	300	75	200	90	150
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CREE LED <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>		 <table border="1"> <thead> <tr> <th>Angle (°)</th> <th>Intensity (lm)</th> </tr> </thead> <tbody> <tr><td>0</td><td>3200</td></tr> <tr><td>15</td><td>2000</td></tr> <tr><td>30</td><td>1200</td></tr> <tr><td>45</td><td>800</td></tr> <tr><td>60</td><td>500</td></tr> <tr><td>75</td><td>300</td></tr> <tr><td>90</td><td>200</td></tr> </tbody> </table>	Angle (°)	Intensity (lm)	0	3200	15	2000	30	1200	45	800	60	500	75	300	90	200
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CREE LED <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>		 <table border="1"> <thead> <tr> <th>Angle (°)</th> <th>Intensity (lm)</th> </tr> </thead> <tbody> <tr><td>0</td><td>1600</td></tr> <tr><td>15</td><td>1000</td></tr> <tr><td>30</td><td>600</td></tr> <tr><td>45</td><td>400</td></tr> <tr><td>60</td><td>300</td></tr> <tr><td>75</td><td>200</td></tr> <tr><td>90</td><td>150</td></tr> </tbody> </table>	Angle (°)	Intensity (lm)	0	1600	15	1000	30	600	45	400	60	300	75	200	90	150
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LUMILEDS <p>LED LUXEON CoB 1202/1203 FWHM / FWTM 14.0° / 24.0° Efficiency 92 % Peak intensity 11.2 cd/lm LEDs/each optic 1 Light colour White Required components: F17437_HEKLA-G2-H</p>		 <table border="1"> <thead> <tr> <th>Angle (°)</th> <th>Intensity (lm)</th> </tr> </thead> <tbody> <tr><td>0</td><td>3200</td></tr> <tr><td>15</td><td>2000</td></tr> <tr><td>30</td><td>1200</td></tr> <tr><td>45</td><td>800</td></tr> <tr><td>60</td><td>500</td></tr> <tr><td>75</td><td>300</td></tr> <tr><td>90</td><td>200</td></tr> </tbody> </table>	Angle (°)	Intensity (lm)	0	3200	15	2000	30	1200	45	800	60	500	75	300	90	200
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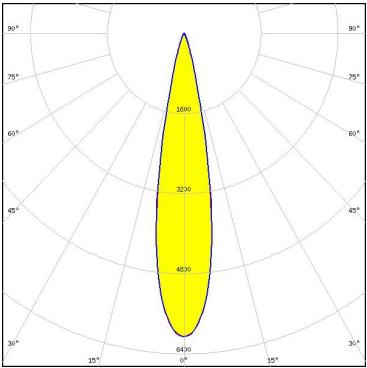
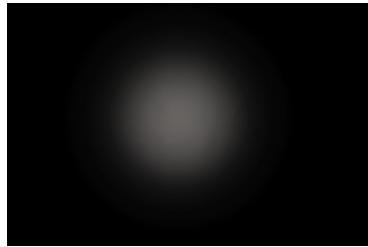
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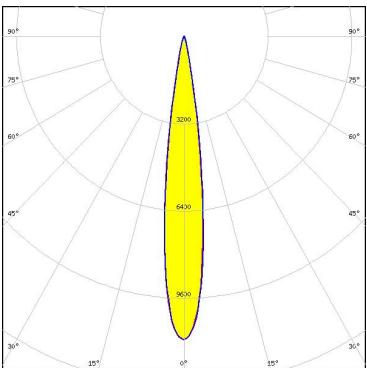
LED COB L-Type (LES 9)
FWHM / FWTM 13.0° / 24.0°
Efficiency 92 %
Peak intensity 11.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17437_HEKLA-G2-H



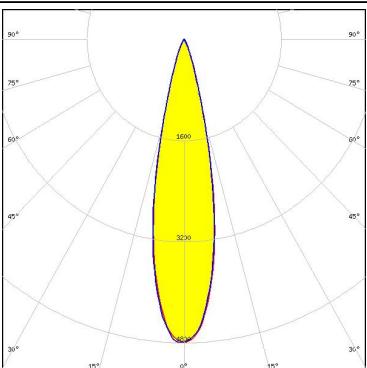
LED COB S-Type (LES 7)
FWHM / FWTM 20.0° / 34.0°
Efficiency 92 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17438_HEKLA-G2-I



LED Fortimo SLM L09 CoB
FWHM / FWTM 14.0° / 25.0°
Efficiency 92 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17437_HEKLA-G2-H



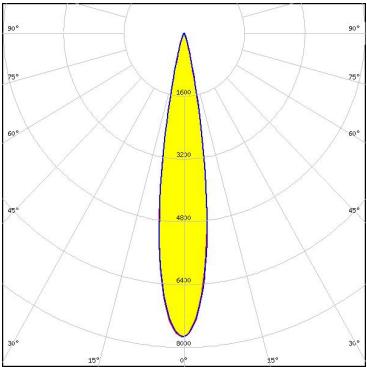
LED LC016D / LC019D / LC026D / LC033D
FWHM / FWTM 23.0° / 40.0°
Efficiency 92 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17438_HEKLA-G2-I



PHOTOMETRIC DATA (MEASURED):

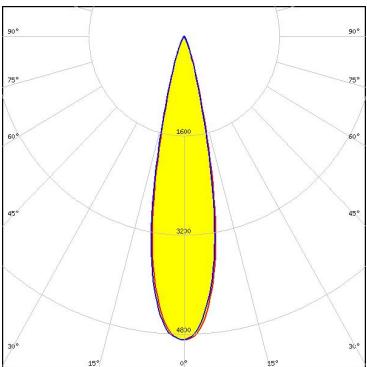
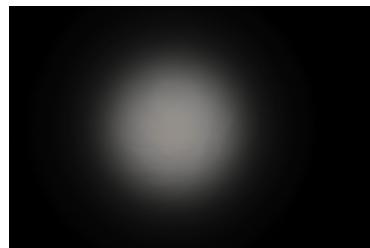
SAMSUNG

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



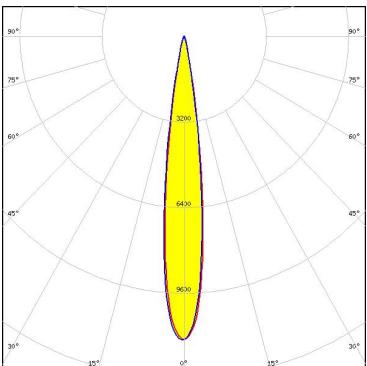
SEOUL SEMICONDUCTOR

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



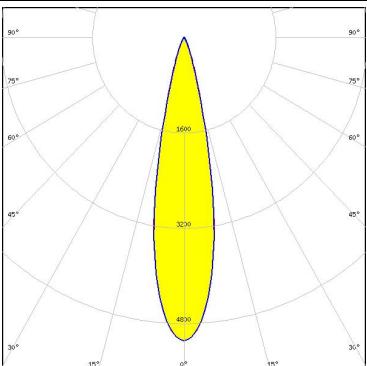
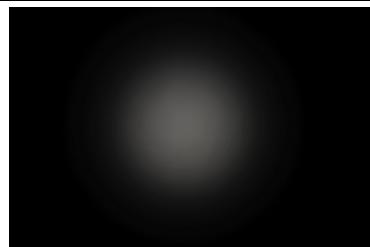
TRIDONIC

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



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

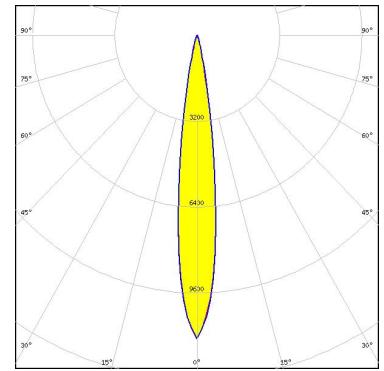


PHOTOMETRIC DATA (SIMULATED):

CITIZEN

LED	CLU712
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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