

AMY-70-WW-C

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

SPECIFICATION:

Dimensions	Ø 69.9 mm
Height	16.4 mm
ROHS compliant	yes ⓘ

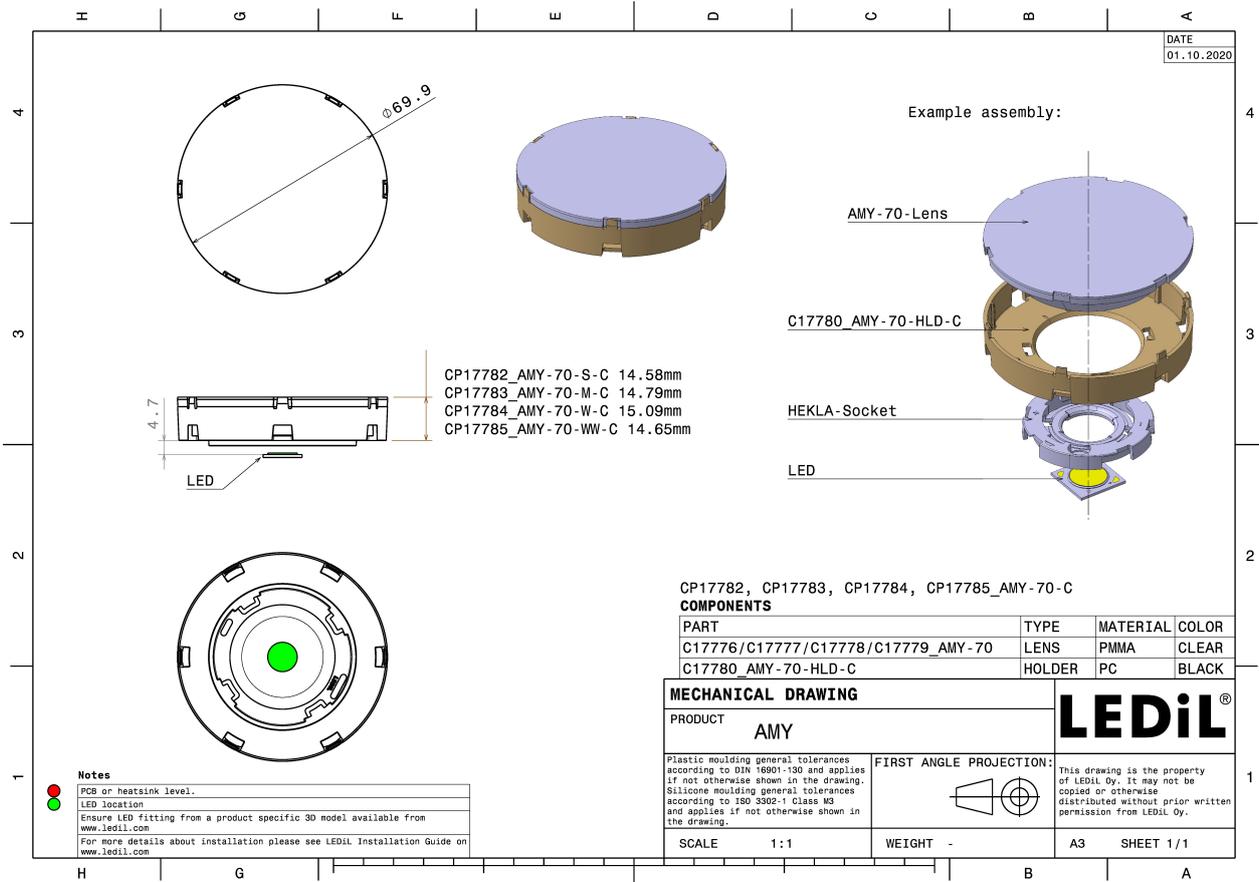


MATERIALS:

Component	Type	Material	Colour	Finish
AMY-70-WW	Single lens	PMMA		
AMY-70-HLD-C	Holder	PC		

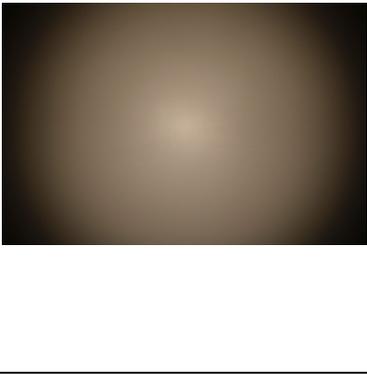
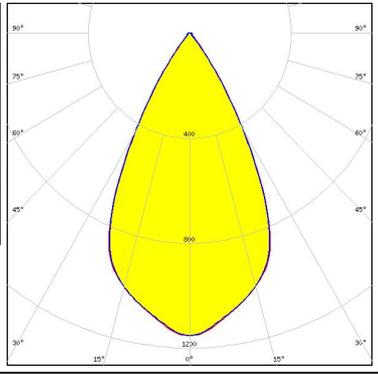
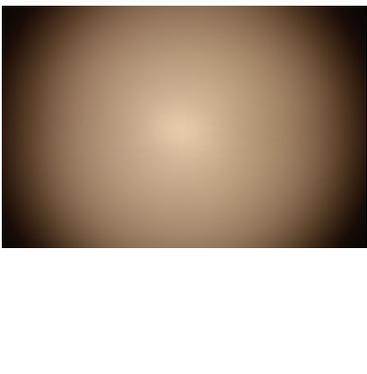
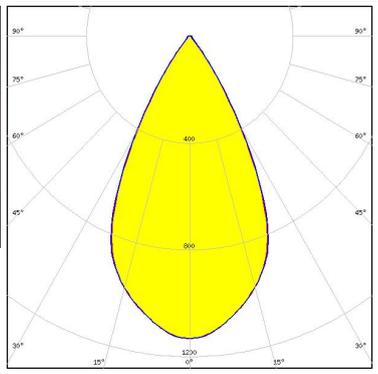
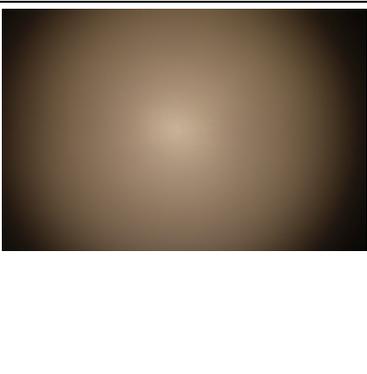
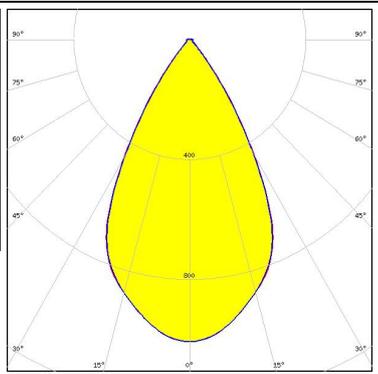
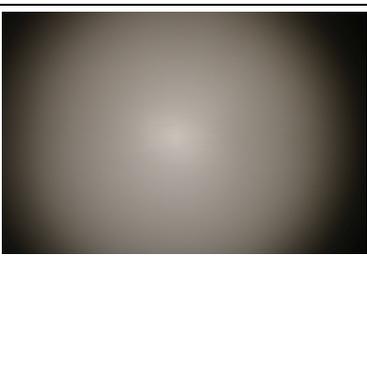
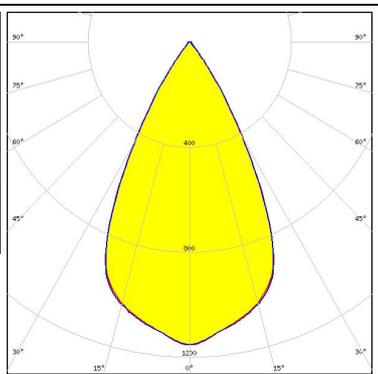
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP17785_AMY-70-WW-C » Box size: 480 x 280 x 300 mm	210	210	15	7.4



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

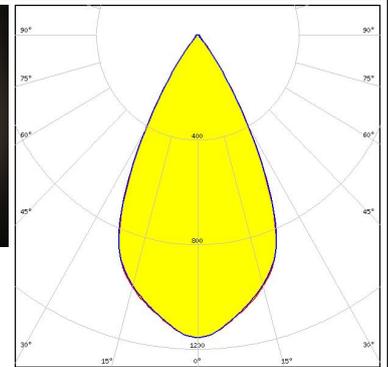
OPTICAL RESULTS (MEASURED):

<p></p> <p>LED V10 Gen 8</p> <p>FWHM / FWTM 55.0° / 75.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15255_HEKLA-SOCKET-C</p>		
<p></p> <p>LED V11 HD Gen 8</p> <p>FWHM / FWTM 54.0° / 76.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 1.1 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 V13 Gen 8</p> <p>FWHM / FWTM 58.0° / 80.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 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 V8 Gen 8</p> <p>FWHM / FWTM 55.0° / 75.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15253_HEKLA-SOCKET-A</p>		

OPTICAL RESULTS (MEASURED):

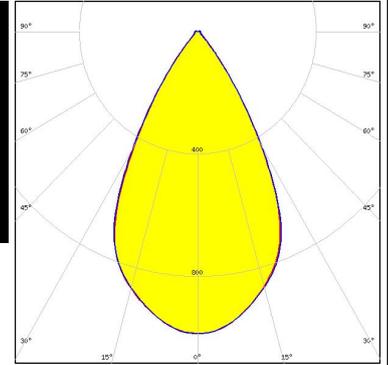
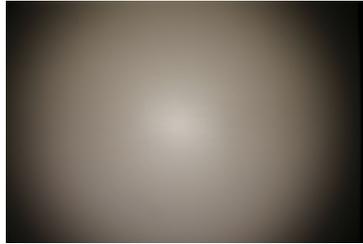
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 54.0° / 75.0°
 Efficiency 87 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



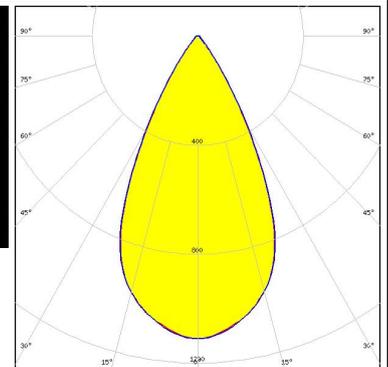
CREE LED

LED CMU15xx
 FWHM / FWTM 57.0° / 80.0°
 Efficiency 85 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



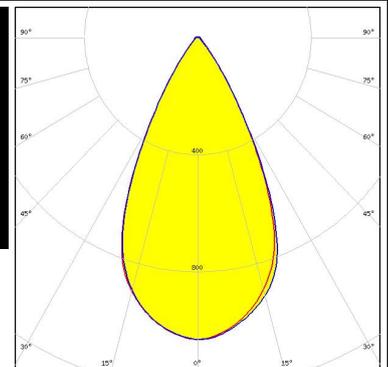
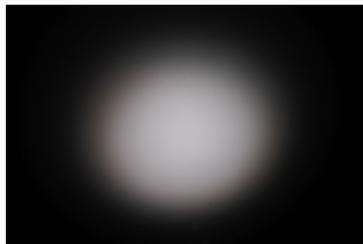
LUMILEDS

LED LUXEON Fusion 12-up (20x24)
 FWHM / FWTM 53.0° / 76.0°
 Efficiency 86 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 12
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS
 Bender Wirth: 442 Typ L8



LUMILEDS

LED LUXEON Fusion 21-up (20x24)
 FWHM / FWTM 53.0° / 76.0°
 Efficiency 80 %
 Peak intensity 1 cd/lm
 LEDs/each optic 21
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS
 Bender Wirth: 442 Typ L8



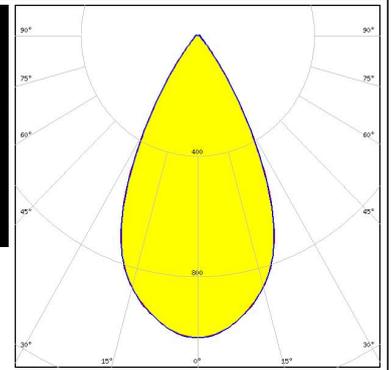
OPTICAL RESULTS (MEASURED):

LUMILEDS

LED LUXEON Fusion 27-up (20x24)
 FWHM / FWTM 54.0° / 78.0°
 Efficiency 80 %
 Peak intensity 1 cd/lm
 LEDs/each optic 27
 Light colour White

Required components:

C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS
 Bender Wirth: 442 Typ L8

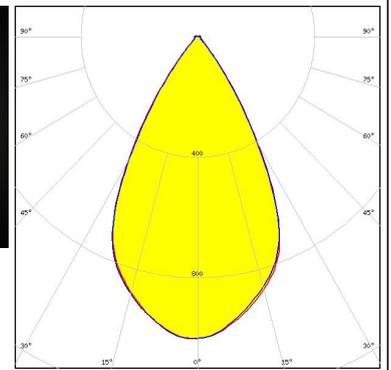


SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 58.0° / 79.0°
 Efficiency 87 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:

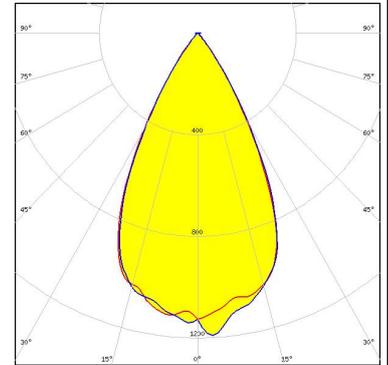
F15859_HEKLA-SOCKET-I



OPTICAL RESULTS (SIMULATED):

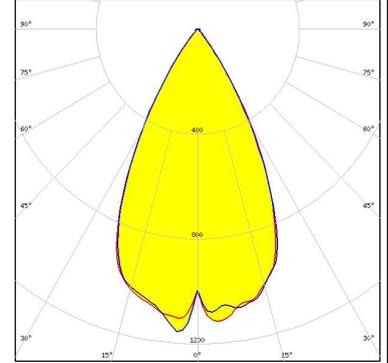
bridgelux.

LED V8 Gen7
 FWHM / FWTM 55.0° / 74.0°
 Efficiency 87 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15253_HEKLA-SOCKET-A



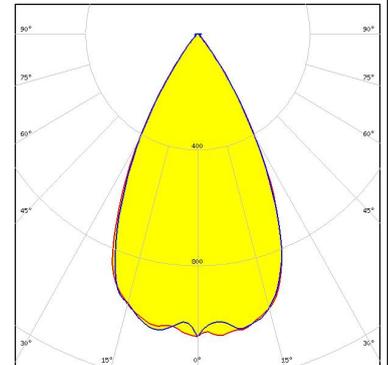
bridgelux.

LED VERO10
 FWHM / FWTM 54.0° / 74.0°
 Efficiency 87 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15616_HEKLA-SOCKET-F



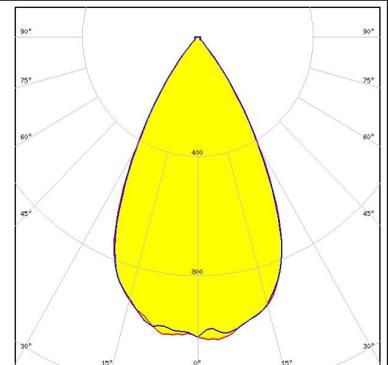
bridgelux.

LED VERO13
 FWHM / FWTM 56.0° / 76.0°
 Efficiency 85 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K



CITIZEN

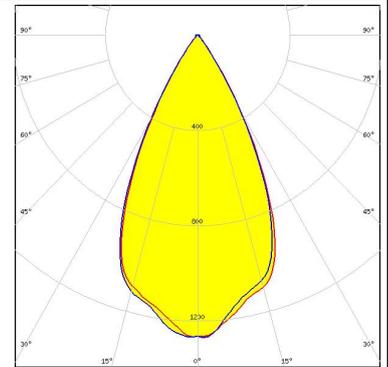
LED CLL03x/CLU03x
 FWHM / FWTM 56.0° / 78.0°
 Efficiency 85 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



OPTICAL RESULTS (SIMULATED):

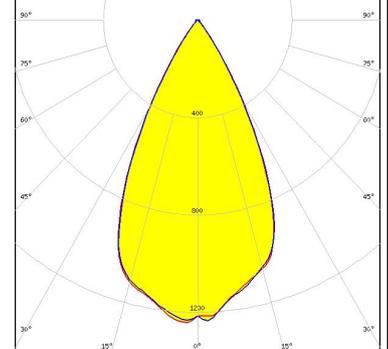
CITIZEN

LED CLU700/701/702/703
 FWHM / FWTM 52.0° / 72.0°
 Efficiency 89 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C

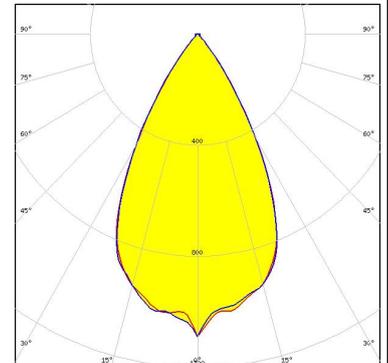


CITIZEN

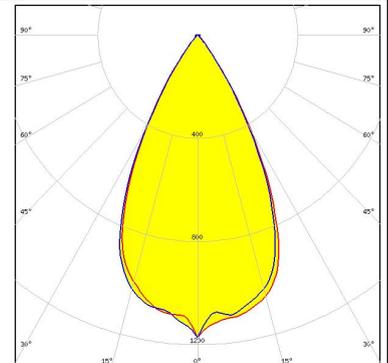
LED CLU700/701/702/703
 FWHM / FWTM 52.0° / 72.0°
 Efficiency 88 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



LED CMA1825
 FWHM / FWTM 56.0° / 78.0°
 Efficiency 86 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15254_HEKLA-SOCKET-B



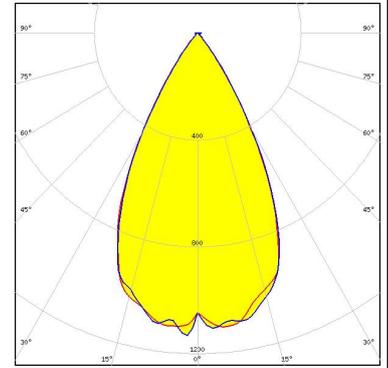
LED CMT14xx
 FWHM / FWTM 54.0° / 75.0°
 Efficiency 86 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



OPTICAL RESULTS (SIMULATED):

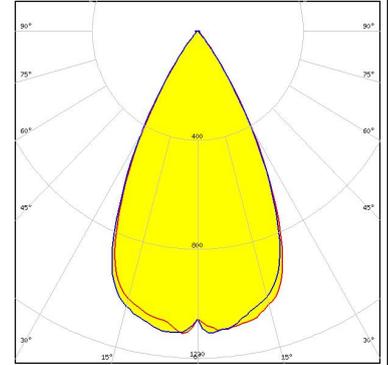
CREE LED

LED CMU10xx
 FWHM / FWTM 55.0° / 76.0°
 Efficiency 87 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



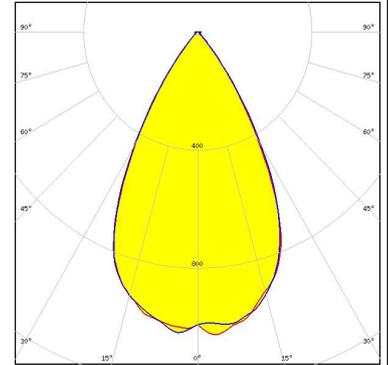
CREE LED

LED CXA/B 15xx
 FWHM / FWTM 55.0 + 54.0° / 74.0°
 Efficiency 86 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15256_HEKLA-SOCKET-D



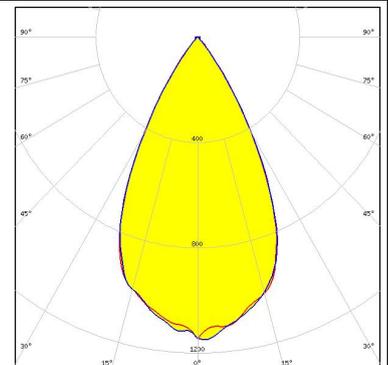
CREE LED

LED CXA/B 1830
 FWHM / FWTM 56.0° / 79.0°
 Efficiency 86 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 637b Hekla



LUMILEDS

LED LUXEON CX Plus CoB - HD S04H9
 FWHM / FWTM 54.0° / 76.0°
 Efficiency 87 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



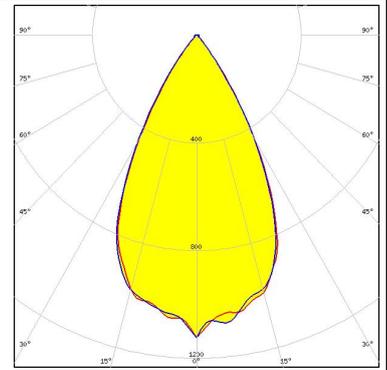
OPTICAL RESULTS (SIMULATED):

<p>LUMINUS</p> <p>LED CxM-14 (19x19)</p> <p>FWHM / FWTM 58.0° / 81.0°</p> <p>Efficiency 84 %</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>	
<p>NICHIA</p> <p>LED COB L-Type (LES 11)</p> <p>FWHM / FWTM 56.0° / 77.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>	
<p>OSRAM</p> <p>LED PrevaLED Core G7 LES15 CoB</p> <p>FWHM / FWTM 58.0° / 80.0°</p> <p>Efficiency 85 %</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>	
<p>SAMSUNG</p> <p>LED LC003D / LC006D / LC009D / LC013D</p> <p>FWHM / FWTM 54.0° / 76.0 + 75.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15255_HEKLA-SOCKET-C</p>	

OPTICAL RESULTS (SIMULATED):

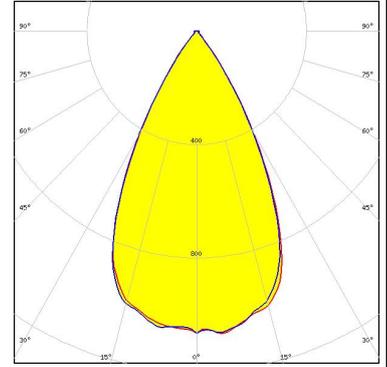
SAMSUNG

LED LC020T (Tunable white)
 FWHM / FWTM 56.0° / 76.0°
 Efficiency 87 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



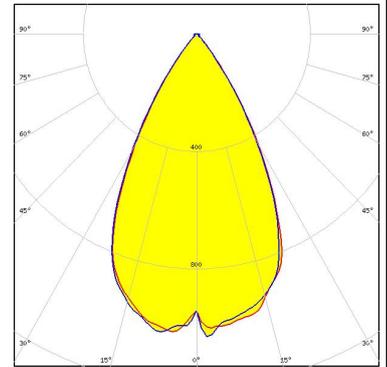
SAMSUNG

LED LC020T (Tunable white)
 FWHM / FWTM 56.0° / 76.0°
 Efficiency 86 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



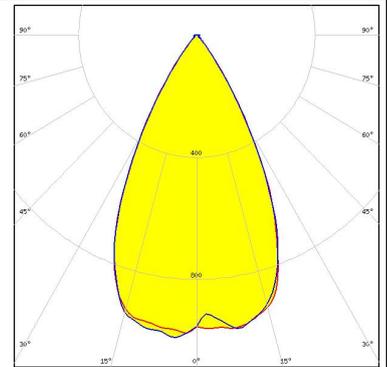
TRIDONIC

LED SLE G7 LES13
 FWHM / FWTM 56.0° / 78.0°
 Efficiency 86 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



XICATO

LED XOB 14.5 mm
 FWHM / FWTM 55.0° / 76.0°
 Efficiency 79 %
 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.

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LEDiL Oy

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Shipping locations

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Hong Kong, China

Distribution Partners

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