

AMY-50-WW-C

~60° wide beam. Assembly with holder C compatible with HEKLA sockets and connectors. Black version.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 49.9 mm
Height	13.1 mm
ROHS compliant	yes ⓘ

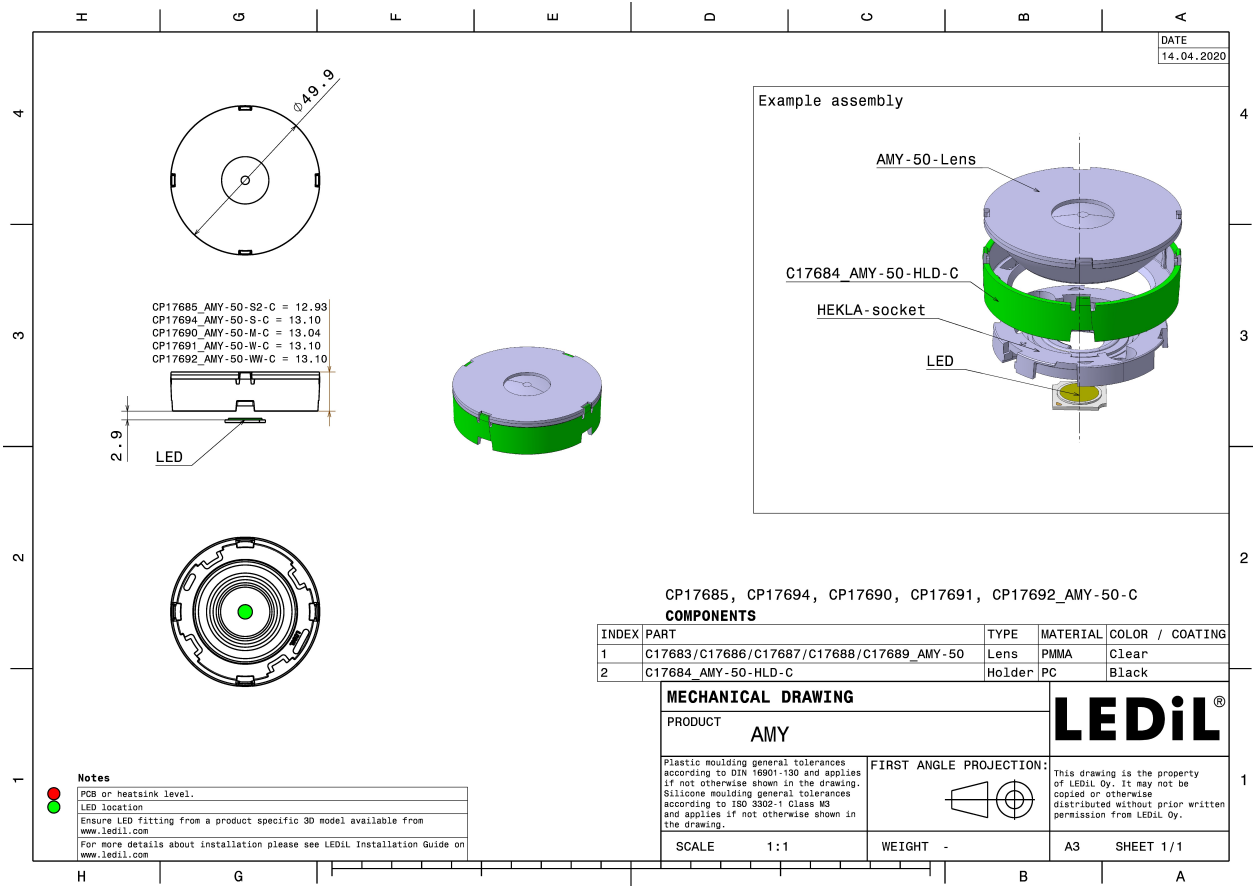


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
AMY-50-WW	Single lens	PMMA	clear	
AMY-50-HLD-C	Holder	PC	black	



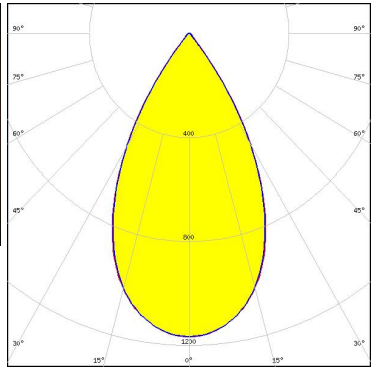


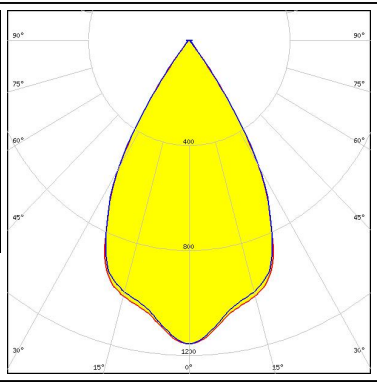


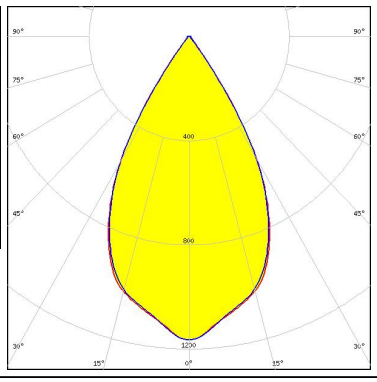


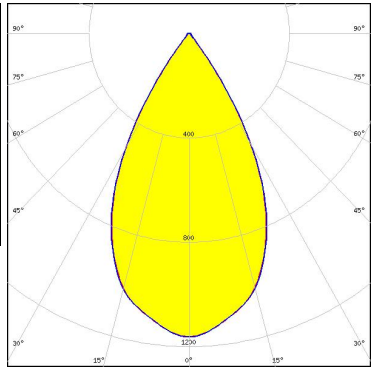
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP17692_AMY-50-WW-C » Box size: 480 x 280 x 300 mm	510	120	30	8.2



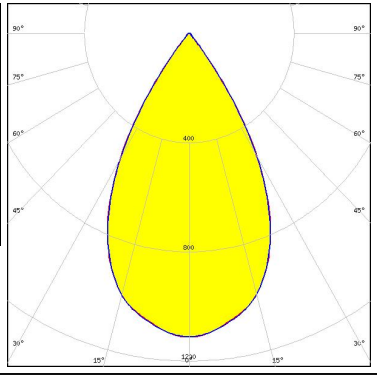


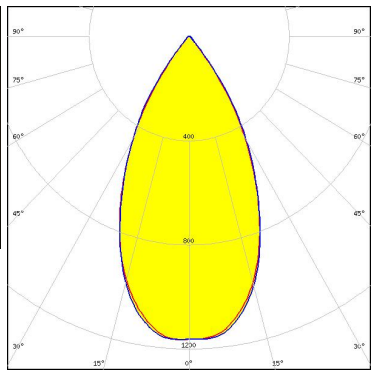


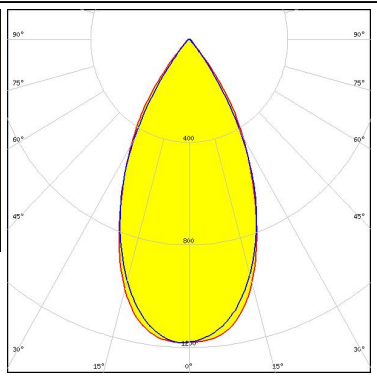

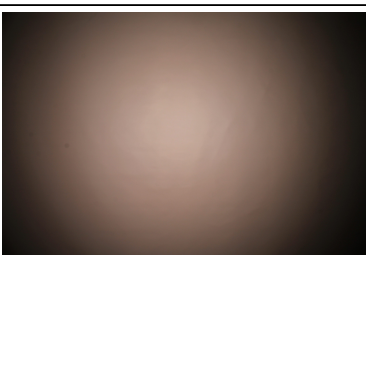
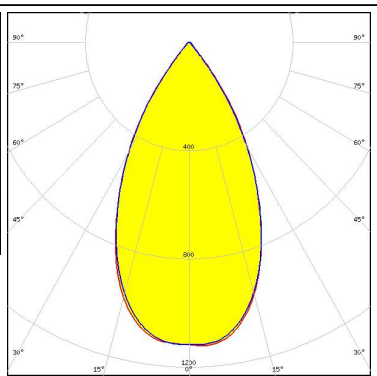


See also our general installation guide: www.ledil.com/installation_guide


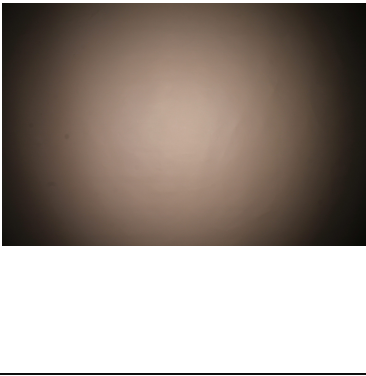
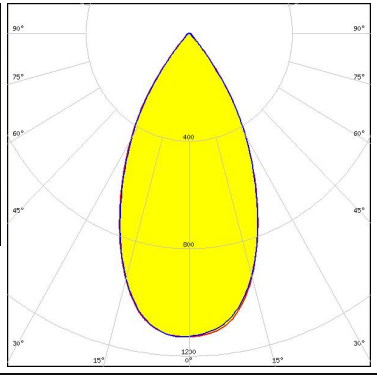


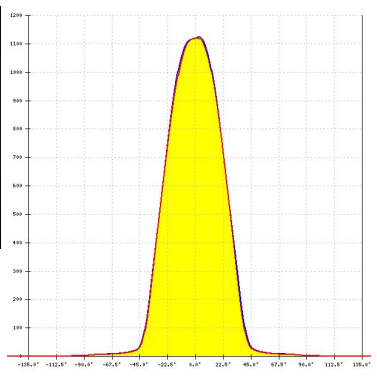

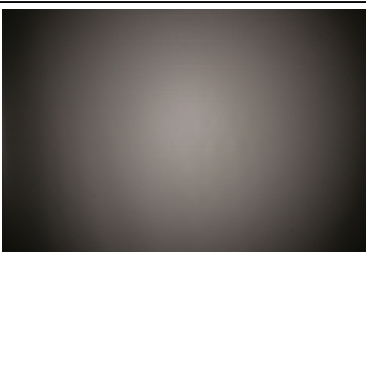
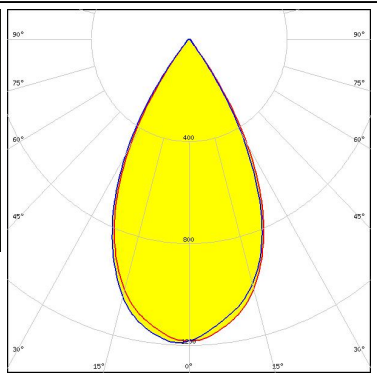
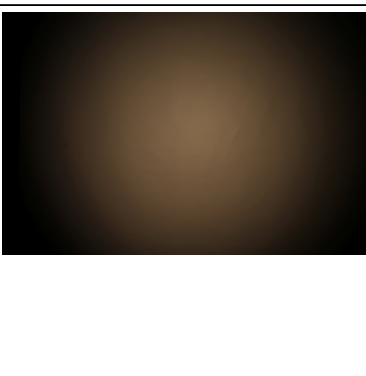
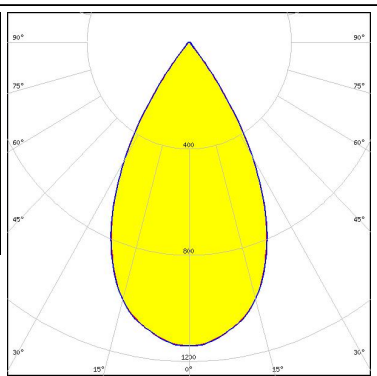
PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED V11 HD FWHM / FWTM 56.0° / 78.0° Efficiency 93 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 633d Hekla</p>		
<p></p> <p>LED V4 HD FWHM / FWTM 59.0° / 75.0° Efficiency 93 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: F15253_HEKLA-SOCKET-A</p>		
<p></p> <p>LED V6 HD FWHM / FWTM 58.0° / 75.0° Efficiency 92 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C</p>		
<p></p> <p>LED V9 HD FWHM / FWTM 57.0° / 76.0° Efficiency 91 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I</p>		

PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED VERO10 FWHM / FWTM 58.0° / 77.0° Efficiency 92 % Peak intensity 1.1 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° / 78.0° Efficiency 89 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 491 Typ L8</p>		
<p></p> <p>LED Vesta DTW 15mm (33W) FWHM / FWTM 52.0° / 78.0° Efficiency 89 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 491 Typ L8</p>		
<p></p> <p>LED Vesta TW 13mm (18W) DP FWHM / FWTM 54.0° / 80.0° Efficiency 89 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour Tunable White Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 492 Typ L8</p>		

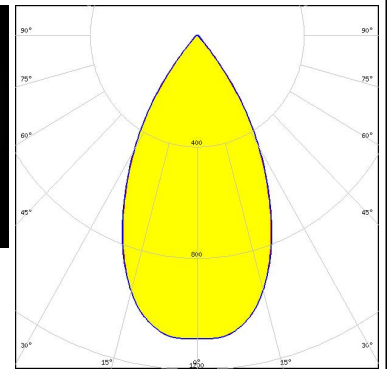
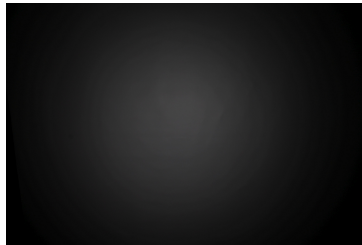
PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED Vesta TW 15mm DP</p> <p>FWHM / FWTM 52.0° / 81.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 482 Typ L8</p>		
<p></p> <p>LED Vesta TW 6mm DP</p> <p>FWHM / FWTM 57.0° / 74.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 504 Typ L8</p>		
<p></p> <p>LED Vesta TW 9mm (9W) DP</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 Tunable White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 489 Typ L8</p>		
<p>CITIZEN</p> <p>LED CLL02x/CLU02x (LES10)</p> <p>FWHM / FWTM 57.0° / 77.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17435_HEKLA-G2-C</p>		

PHOTOMETRIC DATA (MEASURED):

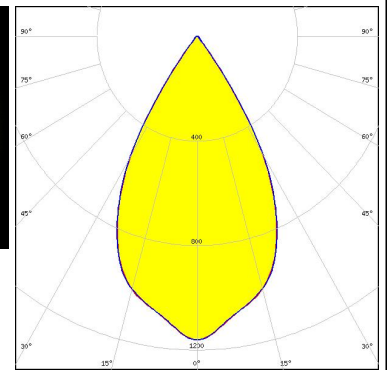
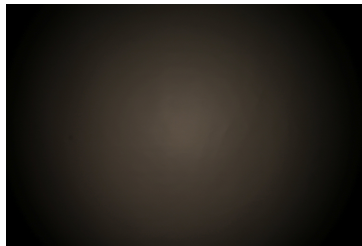
CITIZEN

LED CLL03x/CLU03x
 FWHM / FWTM 55.0° / 80.0°
 Efficiency 90 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



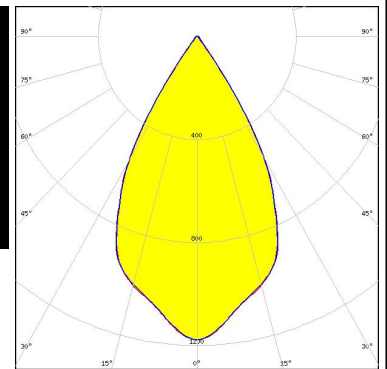
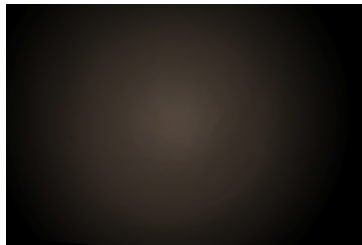
CITIZEN

LED CLU700/701/702
 FWHM / FWTM 58.0° / 75.0°
 Efficiency 92 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



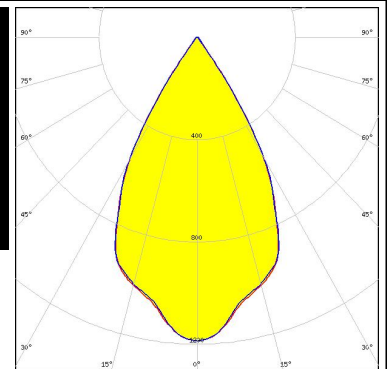
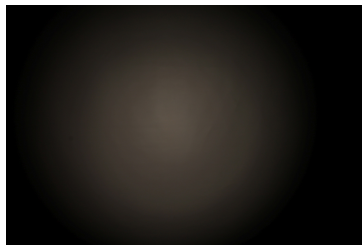
CITIZEN

LED CLU7A2 (LES 4.2mm)
 FWHM / FWTM 58.0° / 74.0°
 Efficiency 92 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C


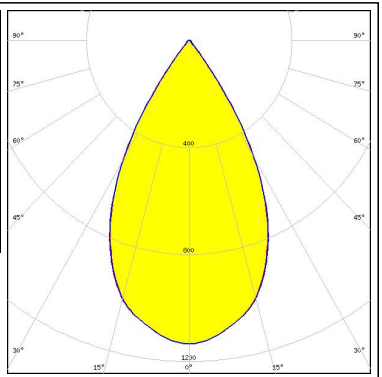

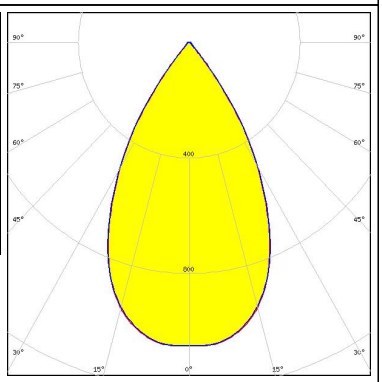

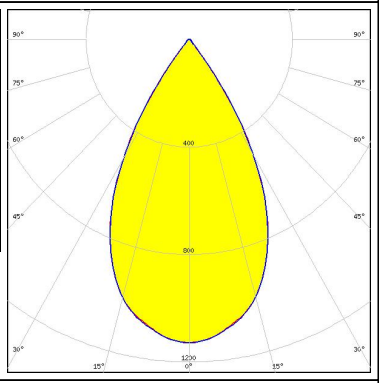

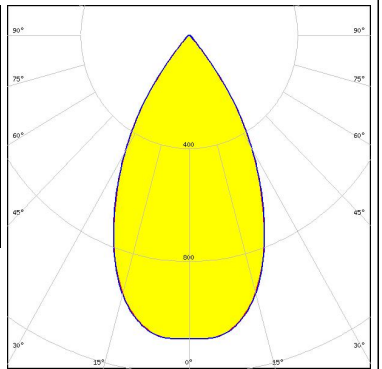


CITIZEN

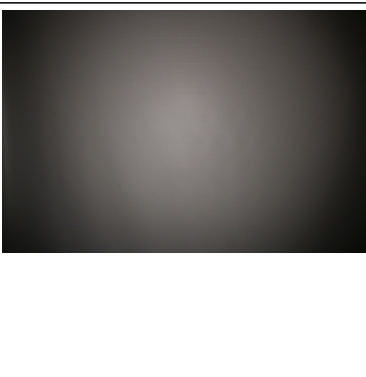
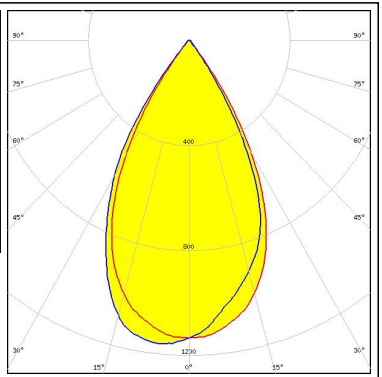

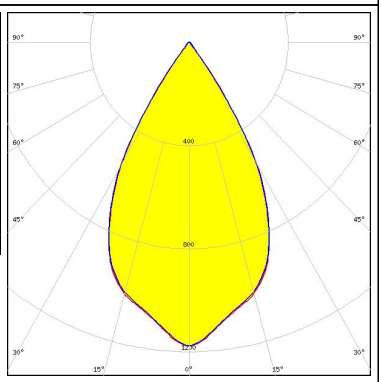

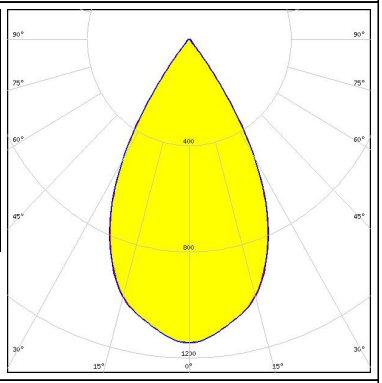

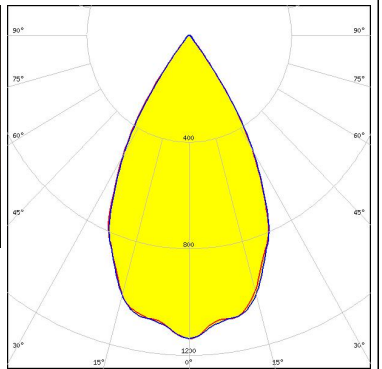
LED CLU7B2
 FWHM / FWTM 58.0° / 73.0°
 Efficiency 92 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C




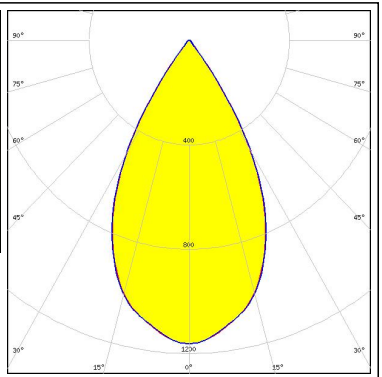

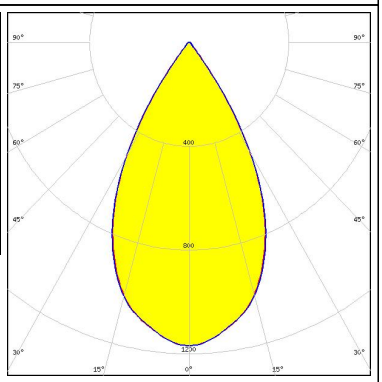
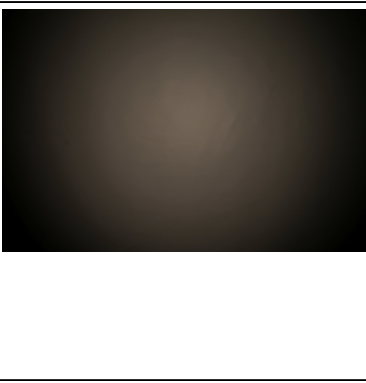
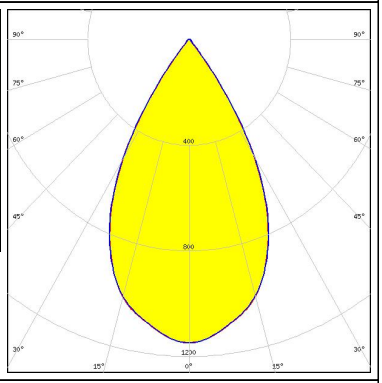

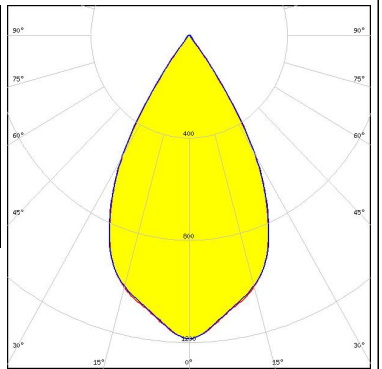
PHOTOMETRIC DATA (MEASURED):

<p>CREE → LED</p> <p>LED CMA1516 FWHM / FWTM 57.0° / 77.0° Efficiency 91 % Peak intensity 1.1 cd/m LEDs/each optic 1 Light colour White Required components: F17436_HEKLA-G2-D</p>		
<p>CREE → LED</p> <p>LED CMA1825 FWHM / FWTM 58.0° / 80.0° Efficiency 91 % Peak intensity 1.1 cd/m LEDs/each optic 1 Light colour White Required components: F15254_HEKLA-SOCKET-B</p>		
<p>CREE → LED</p> <p>LED CMT14xx FWHM / FWTM 57.0° / 77.0° Efficiency 91 % Peak intensity 1.1 cd/m LEDs/each optic 1 Light colour White Required components: F17435_HEKLA-G2-C</p>		
<p>CREE → LED</p> <p>LED CMT19xx FWHM / FWTM 56.0° / 81.0° Efficiency 90 % Peak intensity 1.1 cd/m LEDs/each optic 1 Light colour White Required components: F17438_HEKLA-G2-I</p>		


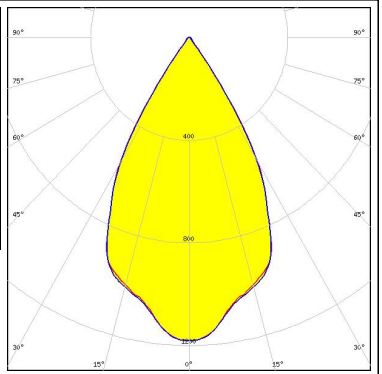

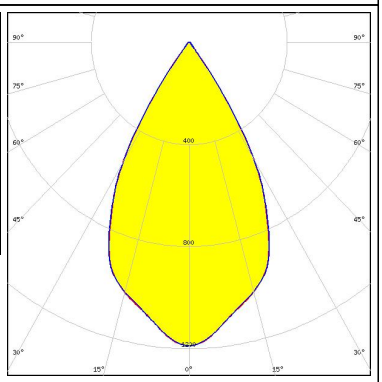

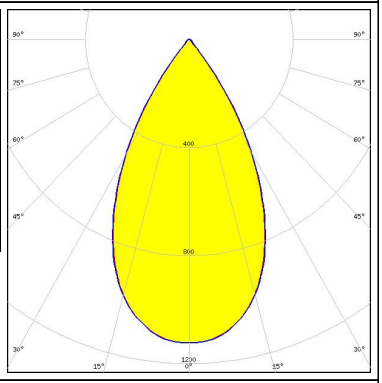

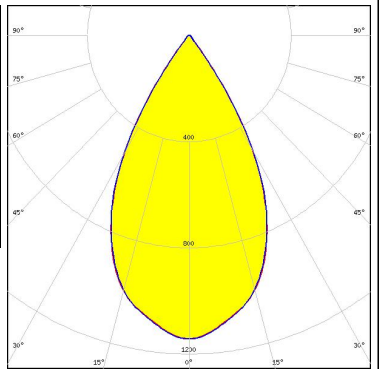
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<p>CREE → LED</p> <p>LED CMU10xx FWHM / FWTM 57.0° / 76.0° Efficiency 91 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: F17435_HEKLA-G2-C</p>		
<p>CREE → LED</p> <p>LED CXA/B 13xx FWHM / FWTM 58.0° / 75.0° Efficiency 93 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: F17439_HEKLA-G2-J</p>		
<p>CREE → LED</p> <p>LED CXA/B 15xx FWHM / FWTM 58.0° / 77.0° Efficiency 92 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components: F17436_HEKLA-G2-D</p>		
<p>LEDiM</p> <p>LED LEDIM/C6 FWHM / FWTM 57.0° / 76.0° Efficiency 91 % Peak intensity 1.1 cd/lm LEDs/each optic 9 Light colour White Required components: F17438_HEKLA-G2-I</p>		

PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON CoB 1202/1203</p> <p>FWHM / FWTM 56.0° / 75.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		
<p>LUMILEDS</p> <p>LED LUXEON CoB 1204HD</p> <p>FWHM / FWTM 56.0° / 76.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		
<p>LUMILEDS</p> <p>LED LUXEON CoB M02/M03</p> <p>FWHM / FWTM 58.0° / 77.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17436_HEKLA-G2-D</p>		
<p>LUMILEDS</p> <p>LED LUXEON CoB S01</p> <p>FWHM / FWTM 58.0° / 75.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17439_HEKLA-G2-J</p>		

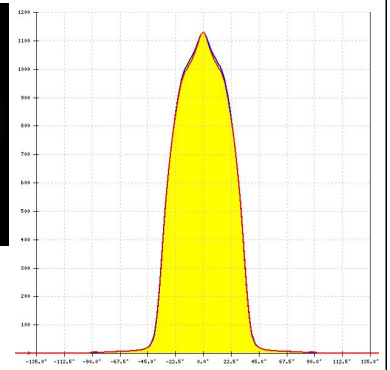
PHOTOMETRIC DATA (MEASURED):

<p>LUMINUS</p> <p>LED CXM-3 FWHM / FWTM 58.0° / 74.0° Efficiency 92 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: F17435_HEKLA-G2-C</p>		
<p>LUMINUS</p> <p>LED CXM-4 FWHM / FWTM 58.0° / 74.0° Efficiency 92 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: F17435_HEKLA-G2-C</p>		
<p>NICHIA</p> <p>LED COB L-Type (LES 11) FWHM / FWTM 56.0° / 78.0° Efficiency 91 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components: F17437_HEKLA-G2-H</p>		
<p>NICHIA</p> <p>LED COB L-Type (LES 9) FWHM / FWTM 57.0° / 76.0° Efficiency 91 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components: F17437_HEKLA-G2-H</p>		

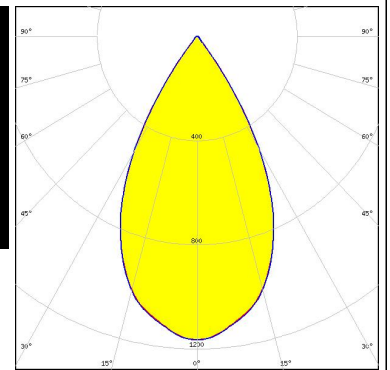
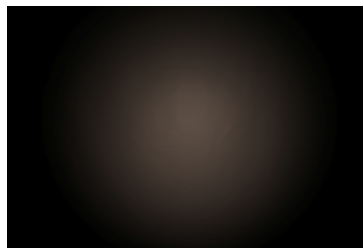
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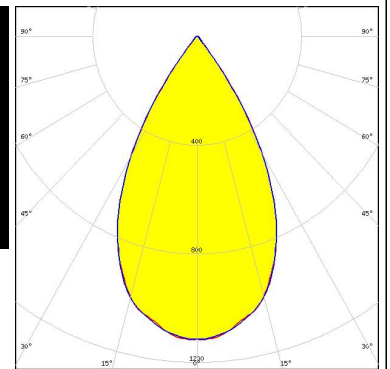
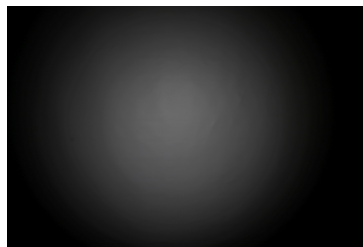
LED COB S-Type (LES 7)
 FWHM / FWTM 59.0° / 76.0°
 Efficiency 92 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15848_HEKLA-SOCKET-G



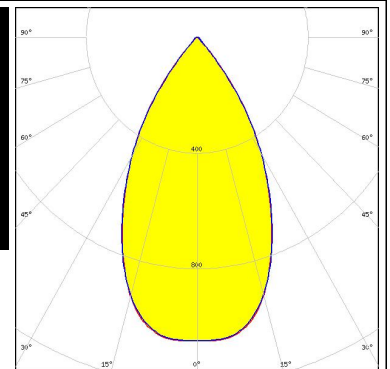
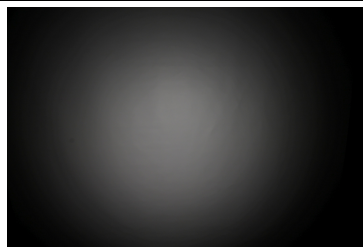
LED Fortimo SLM L09 CoB
 FWHM / FWTM 56.0° / 76.0°
 Efficiency 91 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 57.0° / 77.0°
 Efficiency 91 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



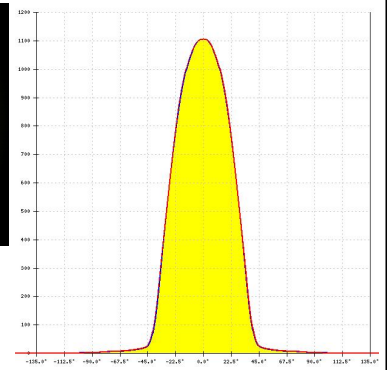
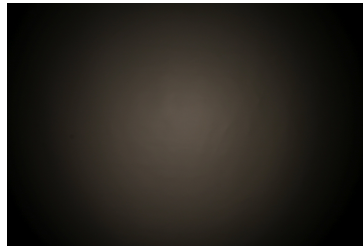
LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 56.0° / 82.0°
 Efficiency 90 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



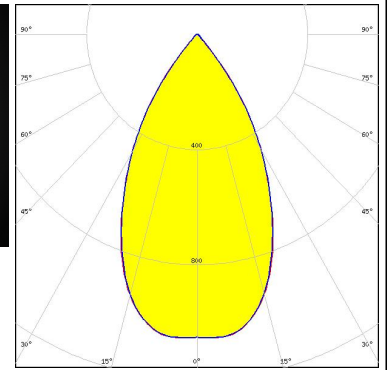
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

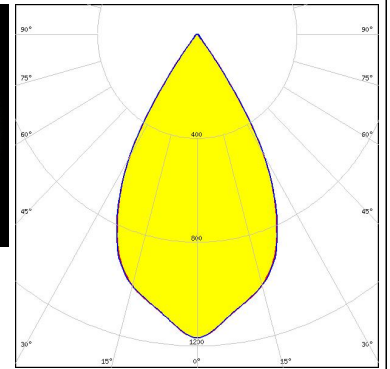
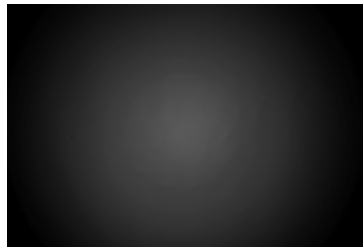
LED LC030C/040C G2
 FWHM / FWTM 56.0° / 78.0°
 Efficiency 91 %
 Peak intensity 1.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



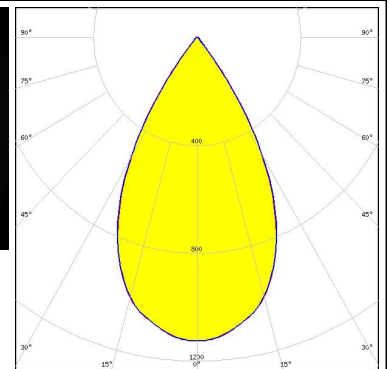
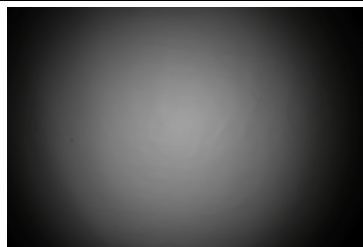
SEOUL SEMICONDUCTOR
 LED MJT COB LES 14.5
 FWHM / FWTM 56.0° / 82.0°
 Efficiency 90 %
 Peak intensity 1.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



SEOUL SEMICONDUCTOR
 LED MJT COB LES 6
 FWHM / FWTM 58.0° / 75.0°
 Efficiency 92 %
 Peak intensity 1.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



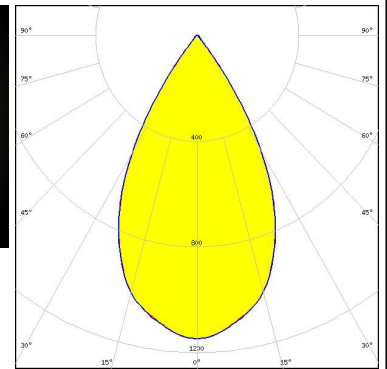
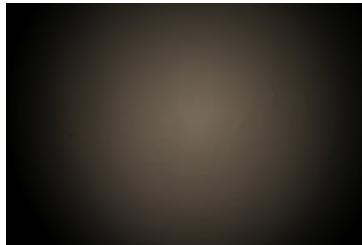
SEOUL SEMICONDUCTOR
 LED MJT COB LES 9.8
 FWHM / FWTM 57.0° / 77.0°
 Efficiency 92 %
 Peak intensity 1.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



PHOTOMETRIC DATA (MEASURED):

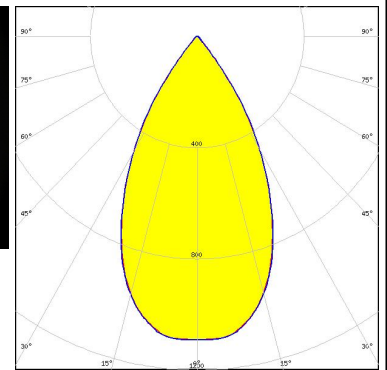
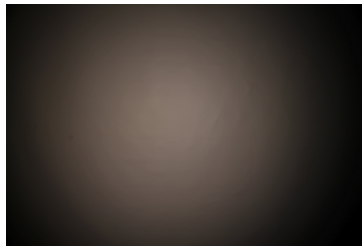
TRIDONIC

LED SLE G7 LES09
 FWHM / FWTM 57.0° / 76.0°
 Efficiency 92 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15848_HEKLA-SOCKET-G



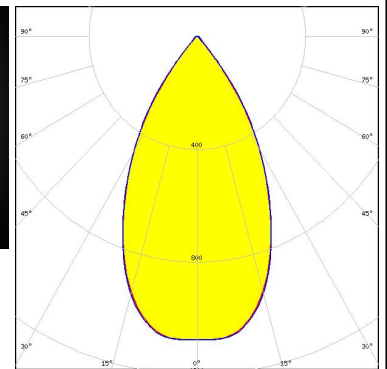
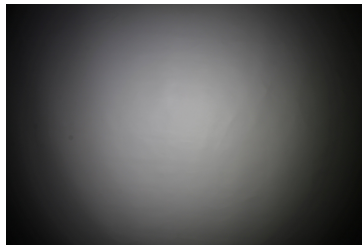
TRIDONIC

LED SLE G7 LES13
 FWHM / FWTM 56.0° / 80.0°
 Efficiency 90 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



TRIDONIC

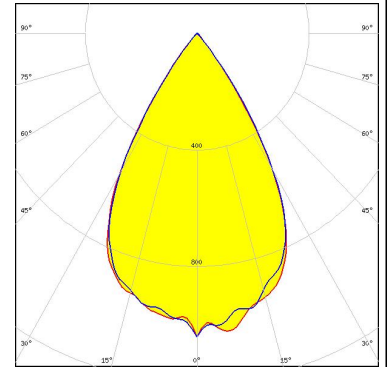
LED SLE G7 LES15
 FWHM / FWTM 55.0° / 81.0°
 Efficiency 90 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



PHOTOMETRIC DATA (SIMULATED):

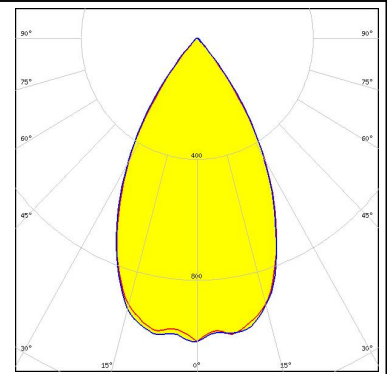
bridgelux.

LED V8 Gen7
FWHM / FWTM 61.0° / 78.0°
Efficiency 90 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15253_HEKLA-SOCKET-A



OSRAM
Opto Semiconductors

LED Soleriq S15
FWHM / FWTM 58.0° / 83.0°
Efficiency 89 %
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.

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