

ILONA-WW

~55° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 49.7 mm
Height	29.4 mm
Fastening	socket
ROHS compliant	yes ⓘ

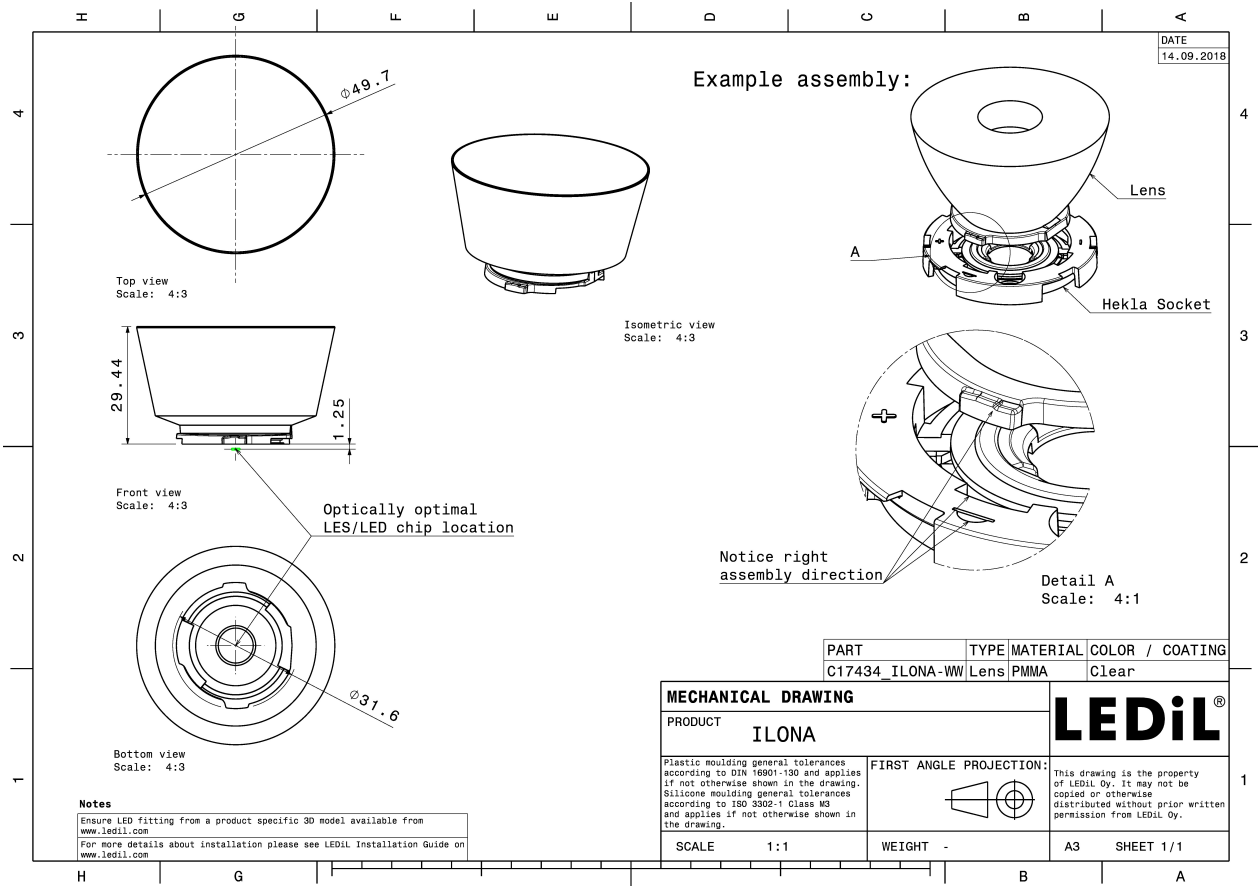
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ILONA-WW	Single lens	PMMA	clear	





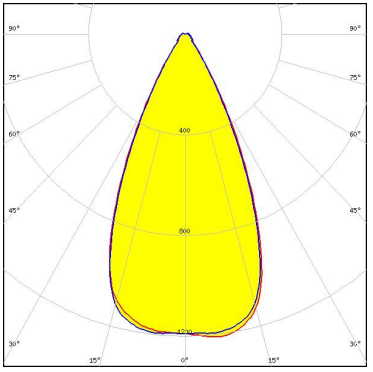


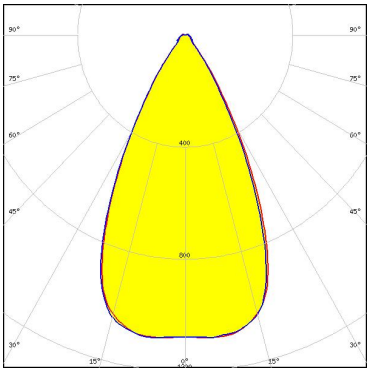


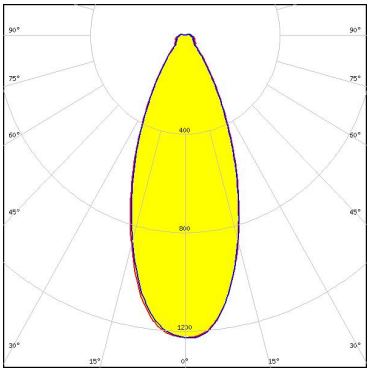


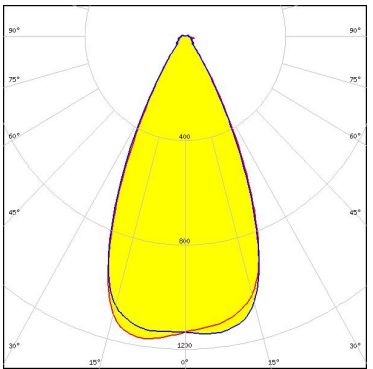
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17434_ILONA-WW » Box size: 480 x 280 x 300 mm	264	99	33	9.2



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

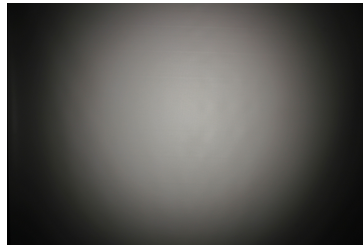
PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED V6 HD FWHM / FWTM 50.0° / 74.0° Efficiency 94 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 634c Hekla</p>		
<p></p> <p>LED V6 HD FWHM / FWTM 54.0° / 78.0° Efficiency 95 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C</p>		
<p></p> <p>LED Vesta DTW 13mm (21W) FWHM / FWTM 42.0° / 78.0° Efficiency 90 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour Tunable White Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 491 Typ L8</p>		
<p></p> <p>LED Vesta TW 6mm DP FWHM / FWTM 50.0° / 73.0° Efficiency 91 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 504 Typ L8</p>		

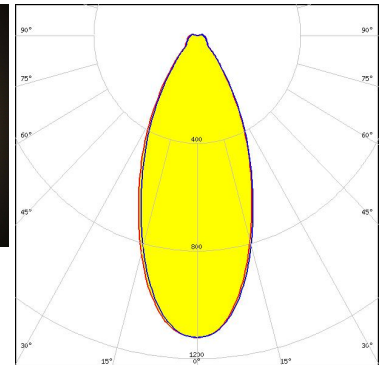
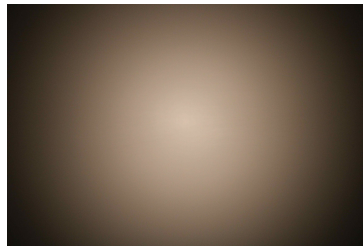
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

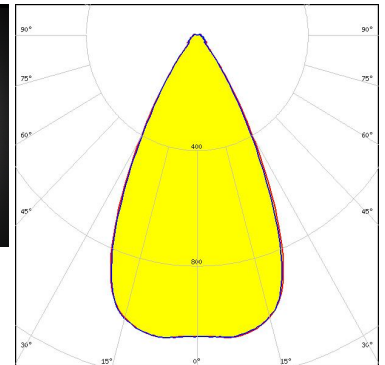
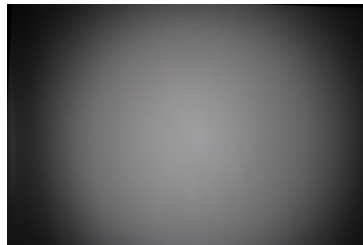
LED LC010T (Tunable White)
 FWHM / FWTM 46.0° / 75.0°
 Efficiency 94 %
 Peak intensity 1.3 cd/m
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 501 Typ L8



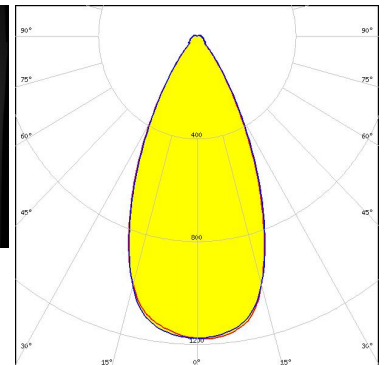
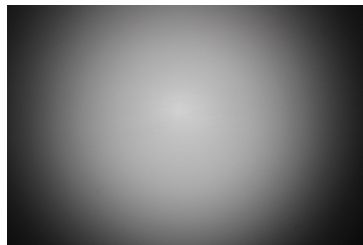
SEOUL SEMICONDUCTOR
 LED MJT COB LES 14.5
 FWHM / FWTM 45.0° / 84.0°
 Efficiency 92 %
 Peak intensity 1.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



SEOUL SEMICONDUCTOR
 LED MJT COB LES 6
 FWHM / FWTM 55.0° / 79.0°
 Efficiency 95 %
 Peak intensity 1.1 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 49.0° / 79.0°
 Efficiency 95 %
 Peak intensity 1.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



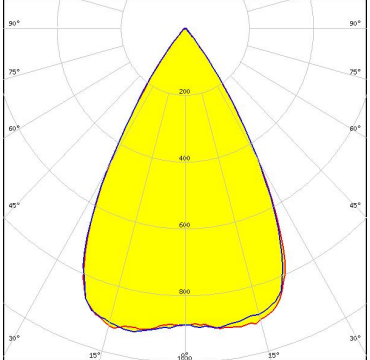
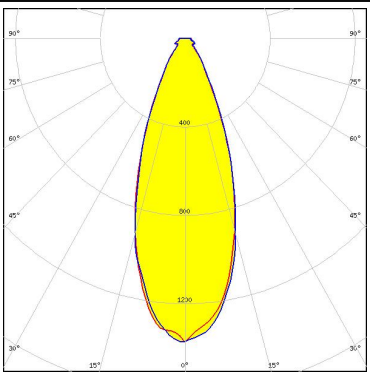
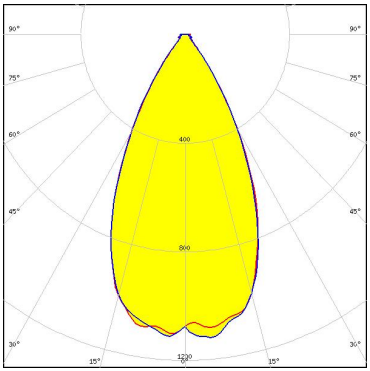
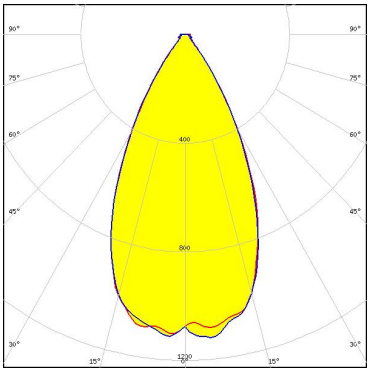
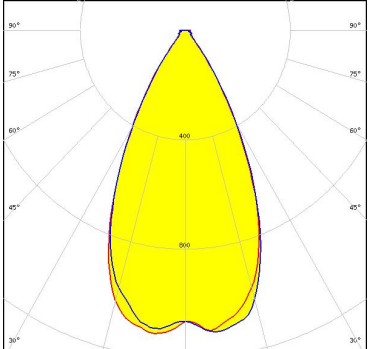
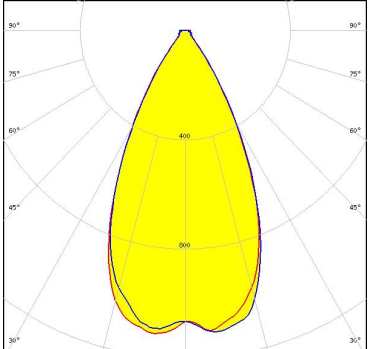
PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LED SLE G7 LES09
FWHM / FWTM 50.0° / 79.0°
Efficiency 95 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



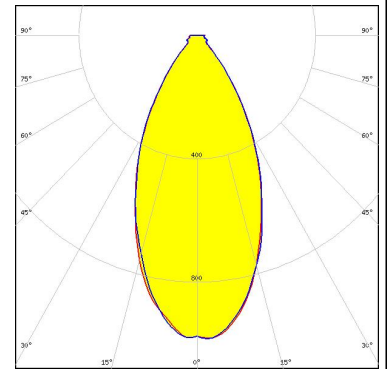
PHOTOMETRIC DATA (SIMULATED):

<p>bridgelux.</p> <p>LED V4 HD</p> <p>FWHM / FWTM 58.0° / 78.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15253_HEKLA-SOCKET-A</p>		
<p>bridgelux.</p> <p>LED Vero SE 13</p> <p>FWHM / FWTM 38.0° / 74.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 1.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>		
<p>bridgelux.</p> <p>LED VERO10</p> <p>FWHM / FWTM 53.0° / 80.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15616_HEKLA-SOCKET-F</p>		
<p>bridgelux.</p> <p>LED Vesta DTW 9mm (4W/6W/12W)</p> <p>FWHM / FWTM 52.0° / 78.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 490 Typ L8</p>		

PHOTOMETRIC DATA (SIMULATED):

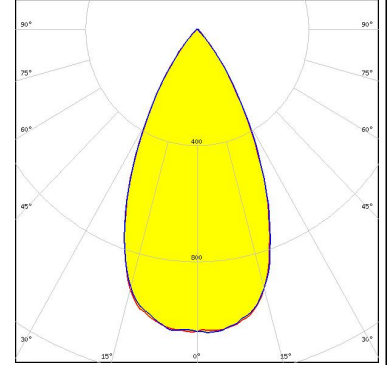


LED Vesta TW 15mm DP
 FWHM / FWTM 49.0° / 87.0°
 Efficiency 87 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



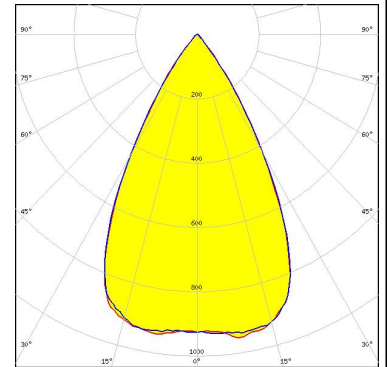
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 52.0° / 80.0°
 Efficiency 79 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C

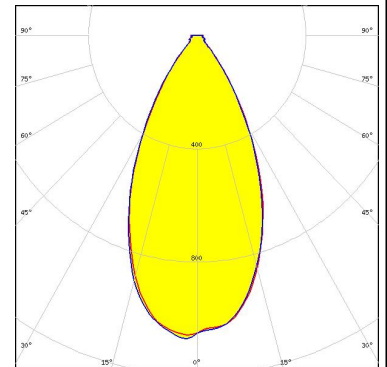


CITIZEN

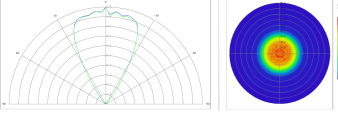
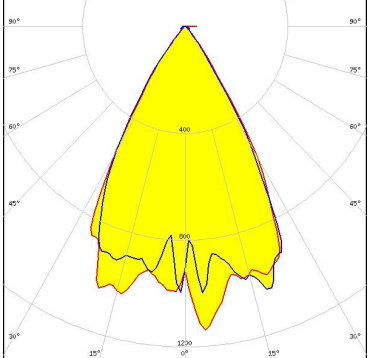
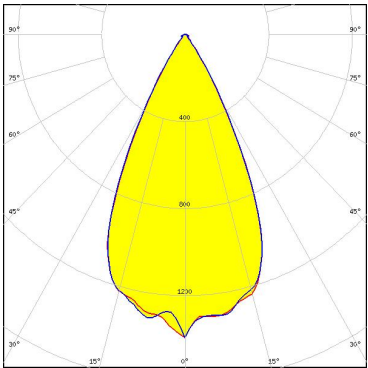
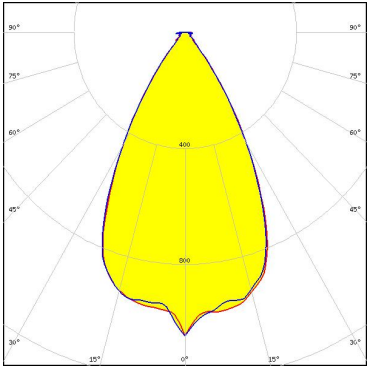
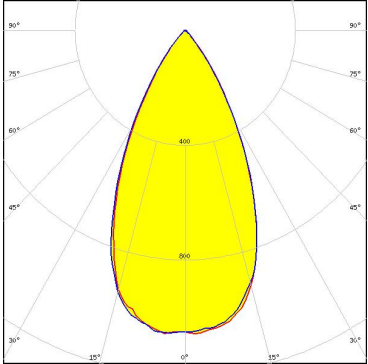
LED CLU700/701/702
 FWHM / FWTM 57.0° / 78.0°
 Efficiency 83 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



LED CMA1825
 FWHM / FWTM 52.0° / 84.0°
 Efficiency 90 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15254_HEKLA-SOCKET-B



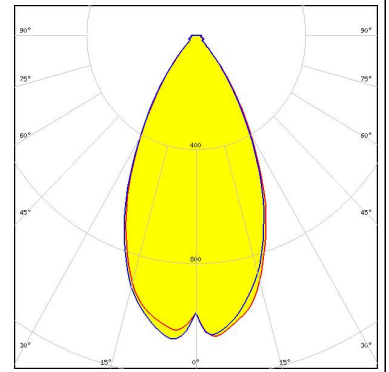
PHOTOMETRIC DATA (SIMULATED):

<p>LED ENGIN</p> <p>LED LZ4 (00xW00) FWHM / FWTM 59.0° / 78.0° Efficiency 96 % LEDs/each optic 1 Light colour IR Required components: F15255_HEKLA-SOCKET-C</p>		
<p>LED ENGIN</p> <p>LED LZ4-00XX08 FWHM / FWTM 52.0° / 70.0° Efficiency 95 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C</p>		
<p>NICHIA</p> <p>LED COB S-Type (LES 7) FWHM / FWTM 56.0° / 81.0° Efficiency 94 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: F15848_HEKLA-SOCKET-G</p>		
<p>SAMSUNG</p> <p>LED LC003D / LC006D / LC009D / LC013D FWHM / FWTM 51.0° / 79.0° Efficiency 79 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C</p>		

PHOTOMETRIC DATA (SIMULATED):

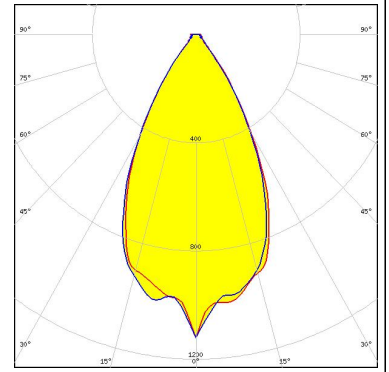
SAMSUNG

LED LC020T (Tunable white)
FWHM / FWTM 52.0° / 84.0°
Efficiency 91 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I



XICATO

LED XTM - 9mm LES
FWHM / FWTM 54.0° / 82.0°
Efficiency 93 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15743_XTM-ADAPTER-50-B



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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[F16636_LINDA-W60](#) [C17362_DAISSY-7X1-W-D](#) [C17361_DAISSY-7X1-WW-D](#) [10003](#) [10003/15](#) [10048](#) [10049](#) [10108](#) [10510](#)
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