

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
ILONA-WW	Single lens

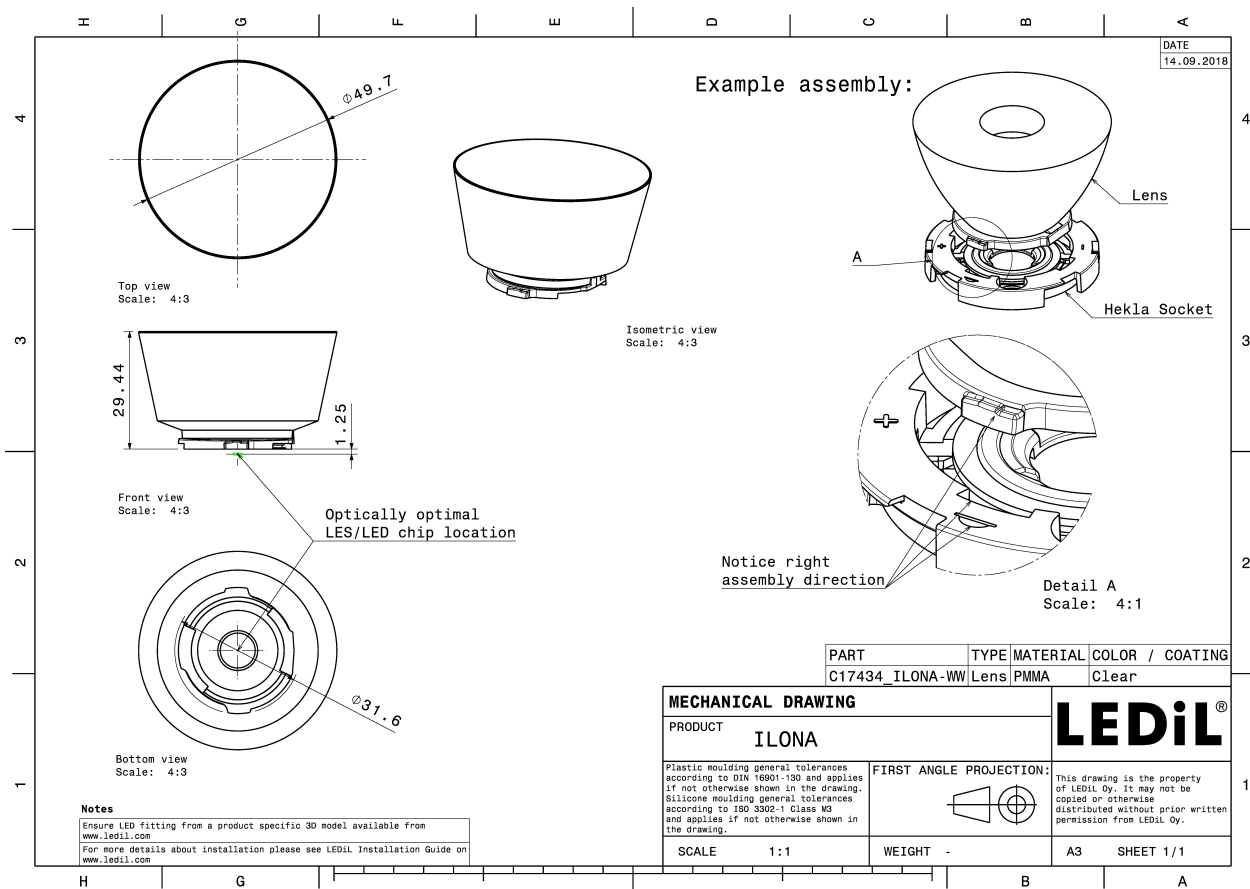


LEDiL®

Material	Colour	Finish
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

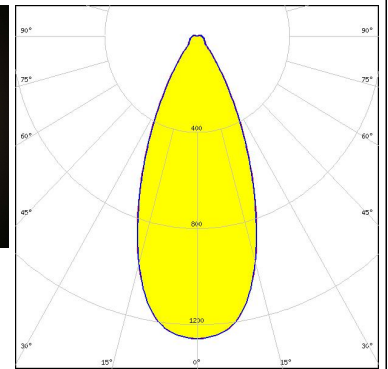


See also our general installation guide: www.ledil.com/installation_guide

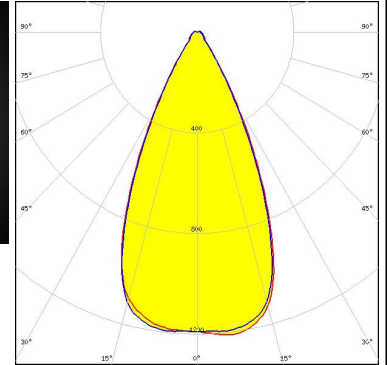
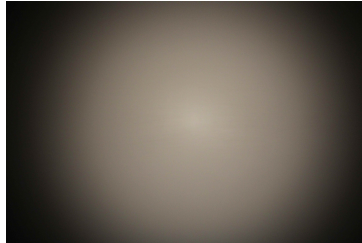
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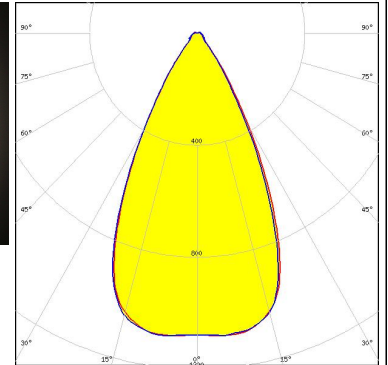
LED V11 HD Gen 8
FWHM / FWTM 45.0° / 77.0°
Efficiency 93 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 633d Hekla



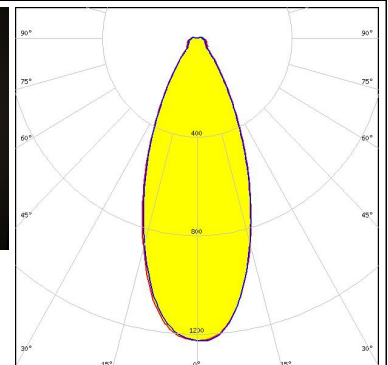
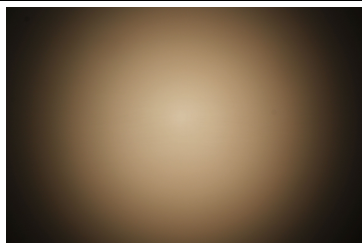
LED V6 HD Gen 7
FWHM / FWTM 50.0° / 74.0°
Efficiency 94 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 634c Hekla



LED V6 HD Gen 7
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



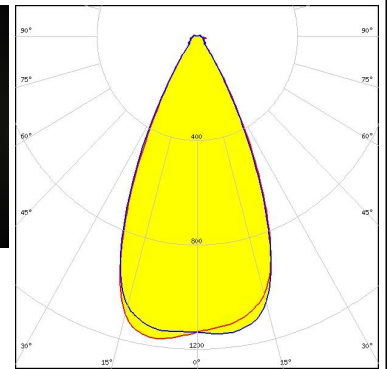
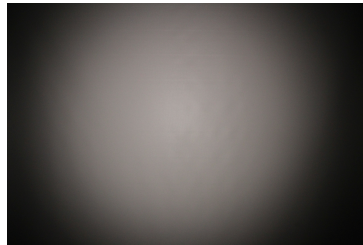
LED Vesta DTW 13mm (21W)
FWHM / FWTM 42.0° / 78.0°
Efficiency 90 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 491 Typ L8



PHOTOMETRIC DATA (MEASURED):

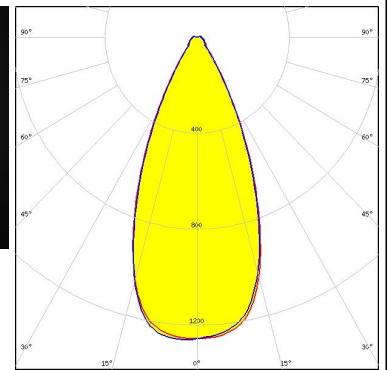
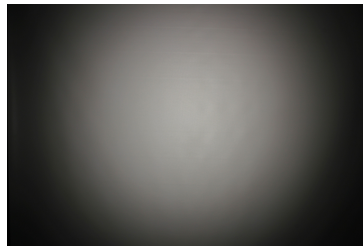


LED Vesta TW 6mm DP
FWHM / FWTM 50.0° / 73.0°
Efficiency 91 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 504 Typ L8

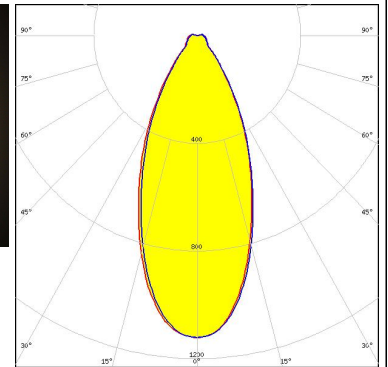
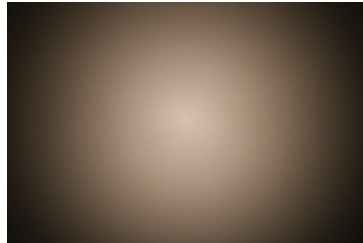


SAMSUNG

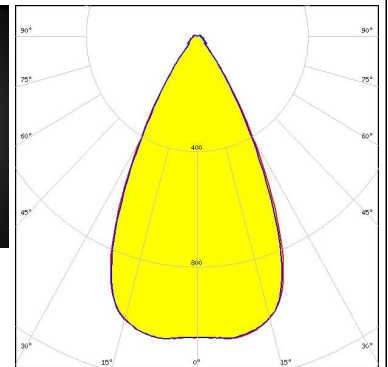
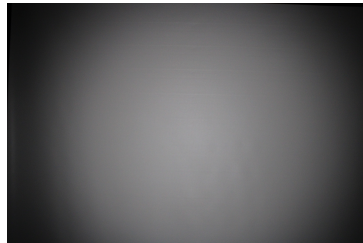
LED LC010T (Tunable White)
FWHM / FWTM 46.0° / 75.0°
Efficiency 94 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 501 Typ L8



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



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

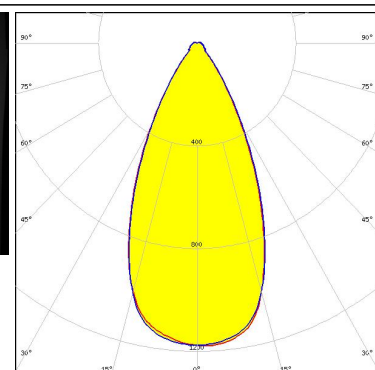
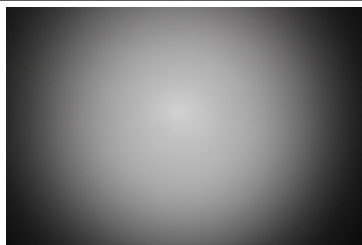


PHOTOMETRIC DATA (MEASURED):



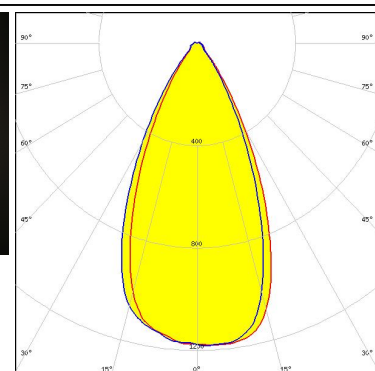
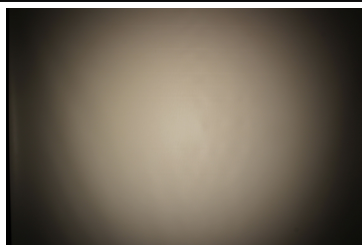
SEOUL SEMICONDUCTOR

LED MJT COB LES 9.8
FWHM / FWTM 49.0° / 79.0°
Efficiency 95 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



TRIDONIC

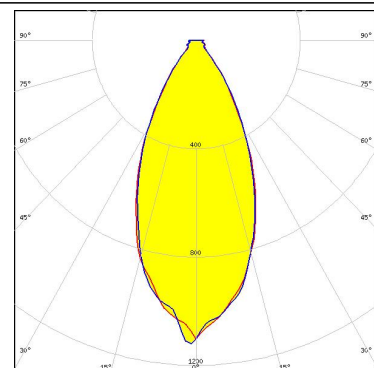
LED SLE G7 LES09
FWHM / FWTM 50.0° / 79.0°
Efficiency 95 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



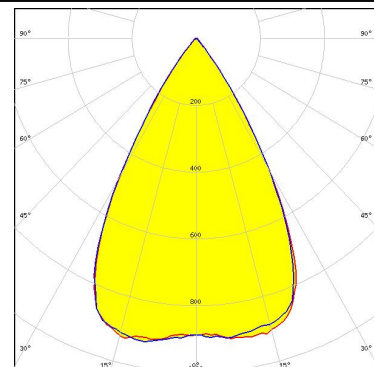
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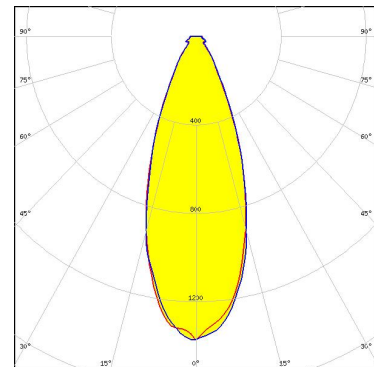
LED V13 Gen 8
FWHM / FWTM 47.0° / 83.0°
Efficiency 88 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I



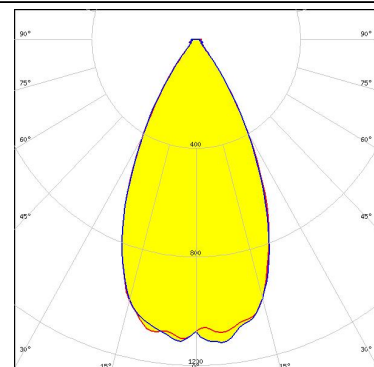
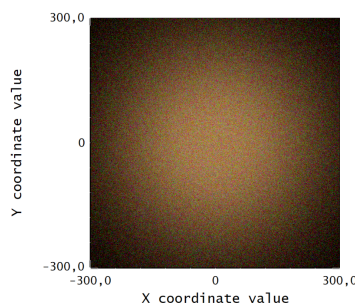
LED V4 HD Gen 7
FWHM / FWTM 58.0° / 78.0°
Efficiency 85 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15253_HEKLA-SOCKET-A



LED Vero SE 13
FWHM / FWTM 38.0° / 74.0°
Efficiency 87 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16142_HEKLA-SOCKET-K



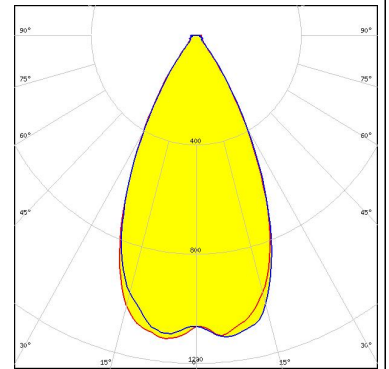
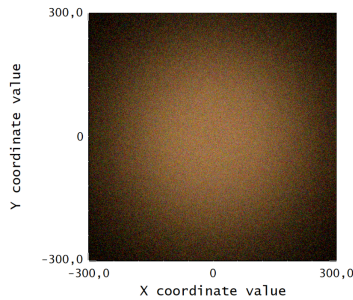
LED VERO10
FWHM / FWTM 53.0° / 80.0°
Efficiency 93 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15616_HEKLA-SOCKET-F



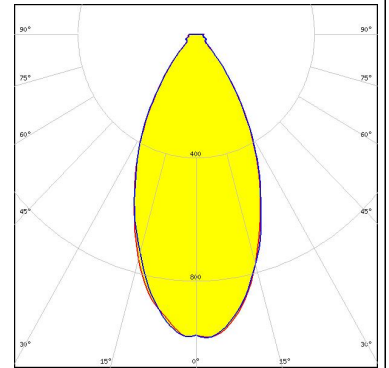
PHOTOMETRIC DATA (SIMULATED):



LED Vesta DTW 9mm (4W/6W/12W)
 FWHM / FWTM 52.0° / 78.0°
 Efficiency 92 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 490 Typ L8

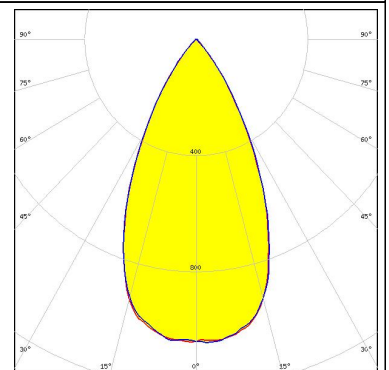


LED Vesta TW 15mm DP
 FWHM / FWTM 49.0° / 87.0°
 Efficiency 87 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



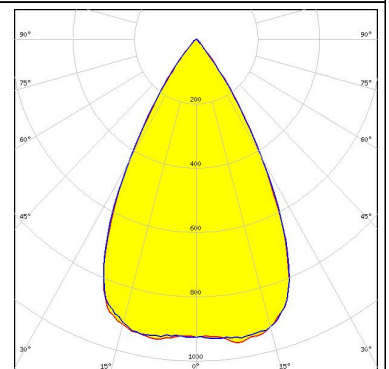
CITIZEN

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

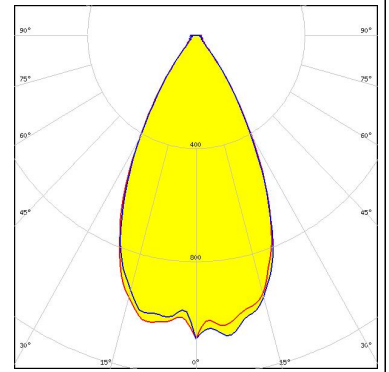
LED CLU700/701/702
 FWHM / FWTM 57.0° / 78.0°
 Efficiency 83 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



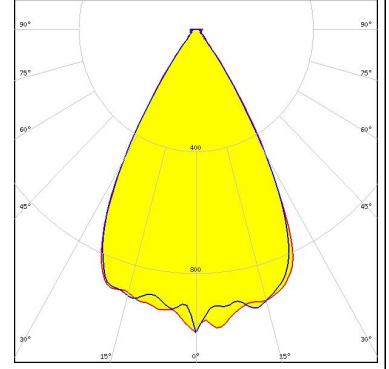
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CITIZEN

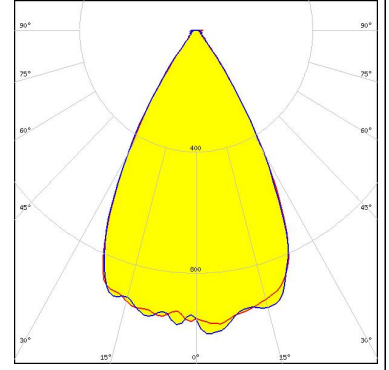
LED CLU712
FWHM / FWTM 54.0° / 82.0°
Efficiency 93 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



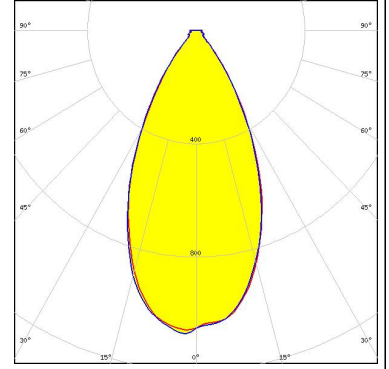
LED CHA0304
FWHM / FWTM 60.0° / 78.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



LED CHA0410
FWHM / FWTM 59.0° / 80.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-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

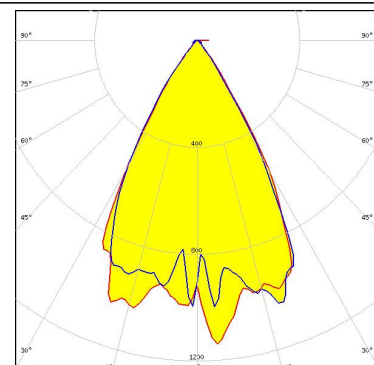
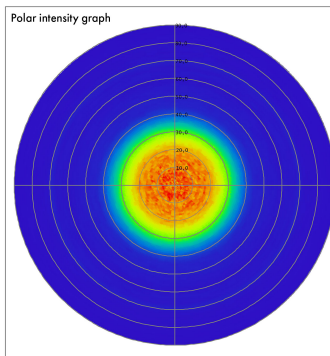


PHOTOMETRIC DATA (SIMULATED):

LED ENGIN

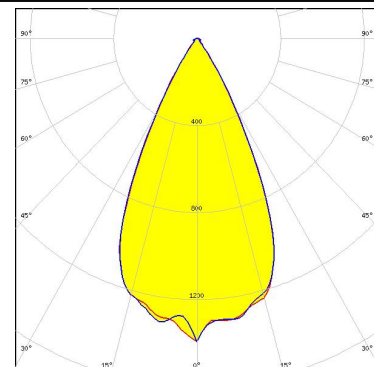
LED LZ4 (00xW00)
FWHM / FWTM 59.0° / 78.0°
Efficiency 96 %
LEDs/each optic 1
Light colour IR
Required components:
F15255_HEKLA-SOCKET-C

Polar intensity graph



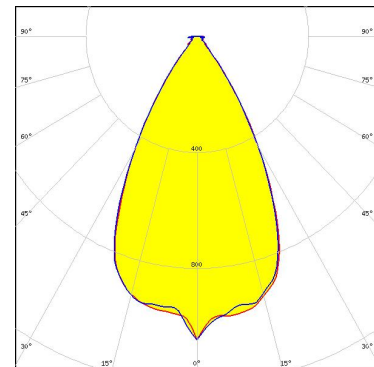
LED ENGIN

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



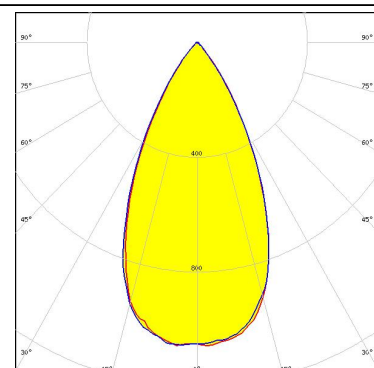
NICHIA

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



SAMSUNG

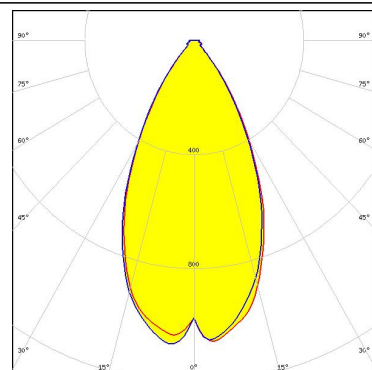
LED LC003D / LC006D / LC009D / LC013D
FWHM / FWTM 51.0° / 79.0°
Efficiency 79 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



PHOTOMETRIC DATA (SIMULATED):

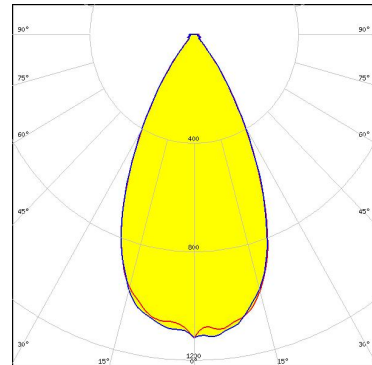
SAMSUNG

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



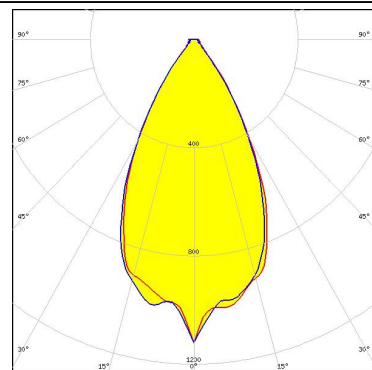
XICATO

LED XOB 9.8 mm
FWHM / FWTM 52.0° / 80.0°
Efficiency 91 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



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.

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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where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

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