RONDA-WW-C

~60° wide beam with holder C compatible with LEDiL HEKLA



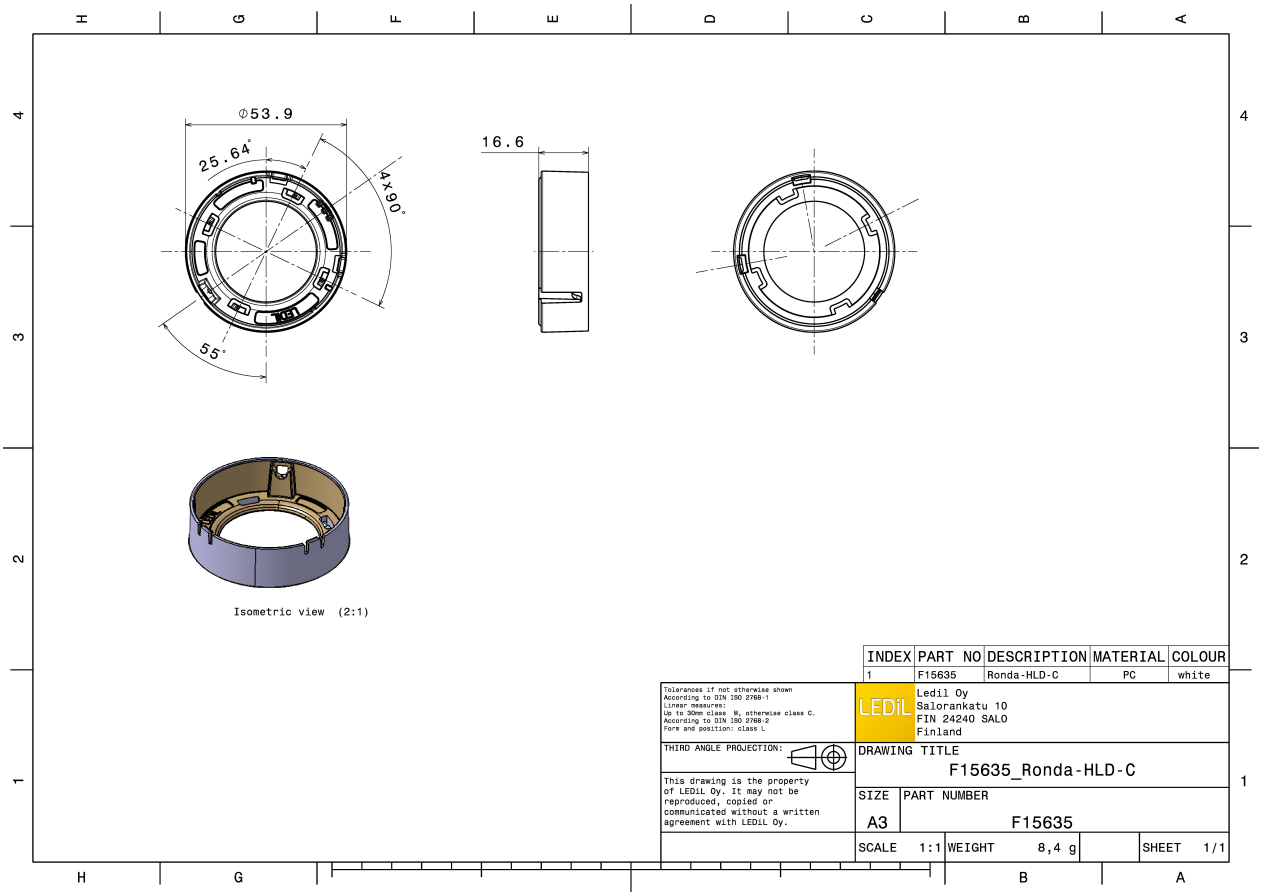
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 53.9 mm
Height	16.9 mm
Fastening	socket
Colour	clear
Box size	
Box weight	0 kg
Quantity in Box	420 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
RONDA-WW	Lens	PMMA	clear
RONDA-HLD-C	Holder	PC	clear

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INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F15635	Ronda-HLD-C	PC	white

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

THIRD ANGLE PROJECTION:

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
F15635_Ronda-HLD-C

SIZE A3 | PART NUMBER F15635

SCALE 1:1 | WEIGHT 8,4 g | SHEET 1/1

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PHOTOMETRIC DATA (MEASURED):

bridgelux

LED	V6 Gen6
FWHM	53.0°
Efficiency	92 %
Peak intensity	1.200 cd/lm

Required components:
F15253_HEKLA-SOCKET-A

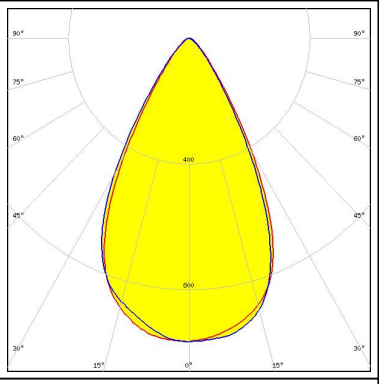


bridgelux

LED	VERO10
FWHM	57.0°
Efficiency	90 %
Peak intensity	0.970 cd/lm

Required components:
F15616_HEKLA-SOCKET-F



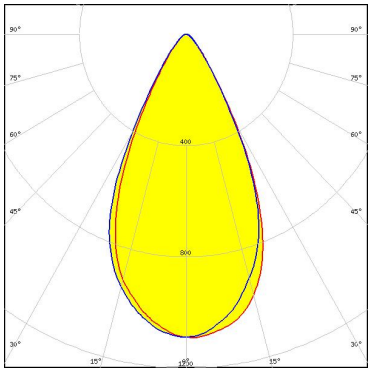


bridgelux

LED	Vesta TW 9mm (12W)
FWHM	53.0°
Efficiency	88 %
Peak intensity	1.100 cd/lm

Required components:
C16142_HEKLA-SOCKET-K

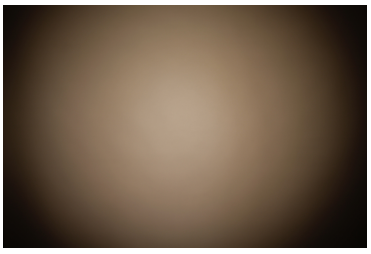


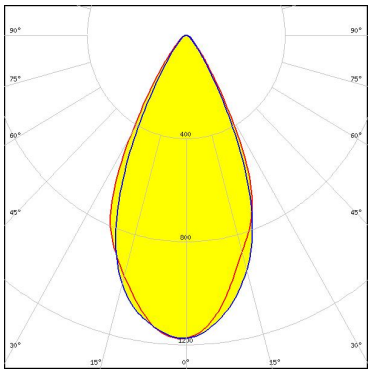


CITIZEN

LED	CLC020 Series (Dim-To-Warm)
FWHM	51.0°
Efficiency	87 %
Peak intensity	1.200 cd/lm

Required components:
C16142_HEKLA-SOCKET-K





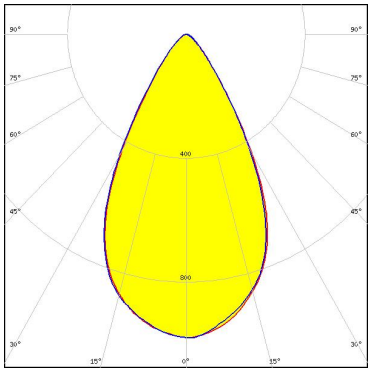
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PHOTOMETRIC DATA (MEASURED):

CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 57.0°
Efficiency 91 %
Peak intensity 0.980 cd/lm
Required components:
F15255_HEKLA-SOCKET-C

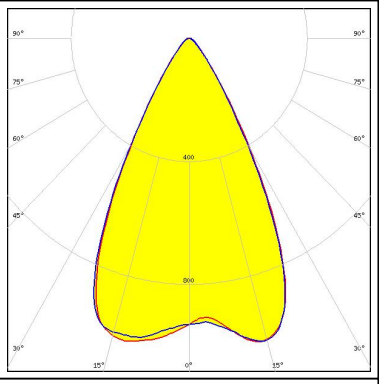




CITIZEN

LED CLU700/701
FWHM 57.0°
Efficiency 91 %
Peak intensity 1.000 cd/lm
Required components:
F15255_HEKLA-SOCKET-C

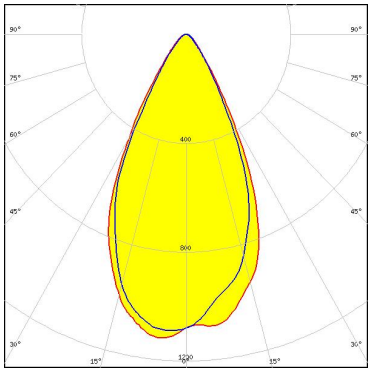




CITIZEN

LED LCN-C01B (Tunable White)
FWHM 53.0°
Efficiency 88 %
Peak intensity 1.100 cd/lm
Required components:
C16142_HEKLA-SOCKET-K

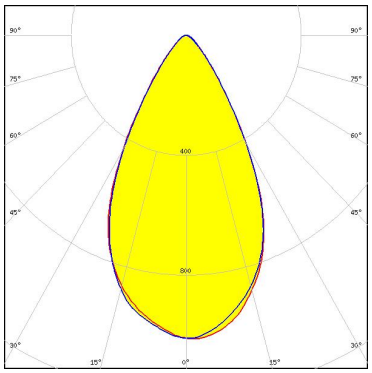




CREE

LED CMA1516
FWHM 56.0°
Efficiency 92 %
Peak intensity 1.000 cd/lm
Required components:
F15256_HEKLA-SOCKET-D





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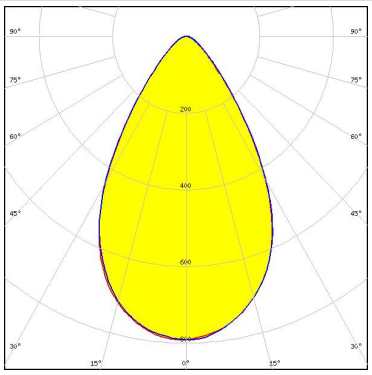
PHOTOMETRIC DATA (MEASURED):

CREE

LED	CMA1825
FWHM	63.0°
Efficiency	90 %
Peak intensity	0.790 cd/lm

Required components:
F15254_HEKLA-SOCKET-B



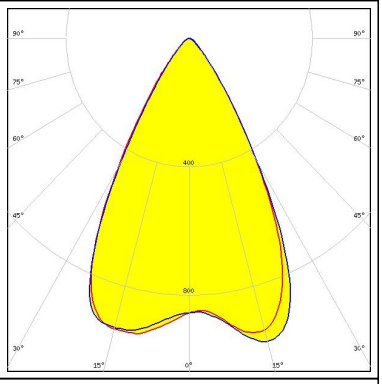


CREE

LED	CXA/B 13xx
FWHM	60.0°
Efficiency	92 %
Peak intensity	0.980 cd/lm

Required components:
F15956_HEKLA-SOCKET-J



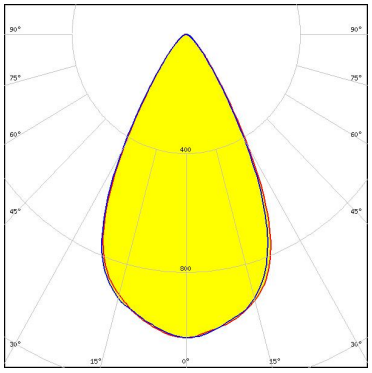


CREE

LED	CXA/B 15xx
FWHM	57.0°
Efficiency	92 %
Peak intensity	1.000 cd/lm

Required components:
F15256_HEKLA-SOCKET-D



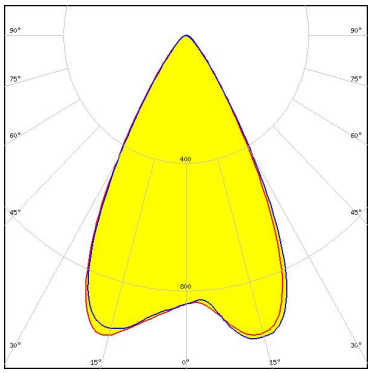


LUMILEDS

LED	LUXEON CoB 1202s
FWHM	60.0°
Efficiency	92 %
Peak intensity	0.980 cd/lm

Required components:
F15848_HEKLA-SOCKET-G





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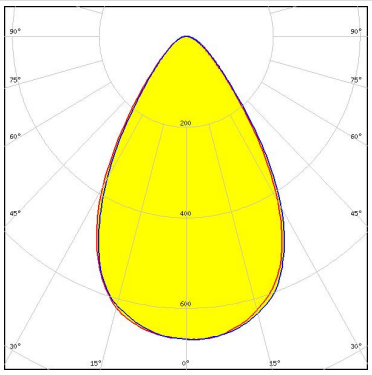
PHOTOMETRIC DATA (MEASURED):

LUMINUS

LED	CXM-14
FWHM	66.0°
Efficiency	85 %
Peak intensity	0.670 cd/lm

Required components:
F15859_HEKLA-SOCKET-I



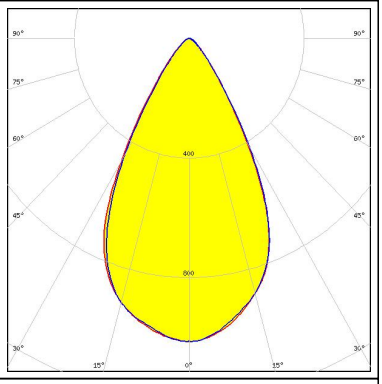


LUMINUS

LED	CXM-9
FWHM	57.0°
Efficiency	91 %
Peak intensity	1.000 cd/lm

Required components:
F15255_HEKLA-SOCKET-C

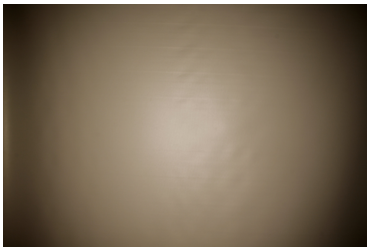


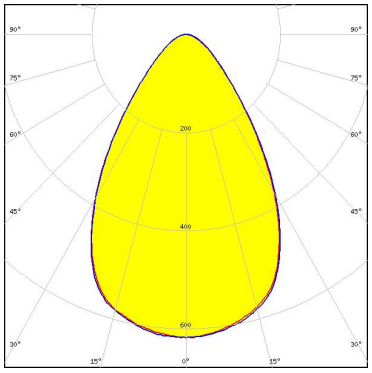


SAMSUNG

LED	COB D Series LES 14.5 mm
FWHM	67.0°
Efficiency	84 %
Peak intensity	0.620 cd/lm

Required components:
F15859_HEKLA-SOCKET-I



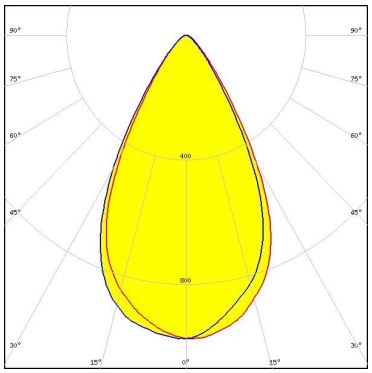


SAMSUNG

LED	COB D Series LES 9.8 mm
FWHM	58.0°
Efficiency	92 %
Peak intensity	0.980 cd/lm

Required components:
F15255_HEKLA-SOCKET-C





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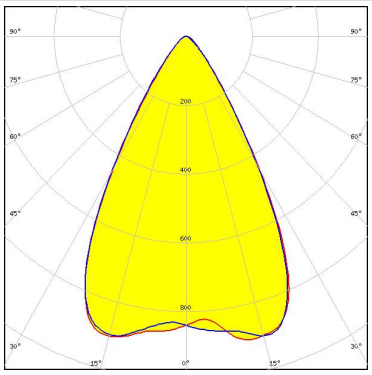
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED	LC010C
FWHM	61.0°
Efficiency	91 %
Peak intensity	0.920 cd/lm

Required components:
F15848_HEKLA-SOCKET-G



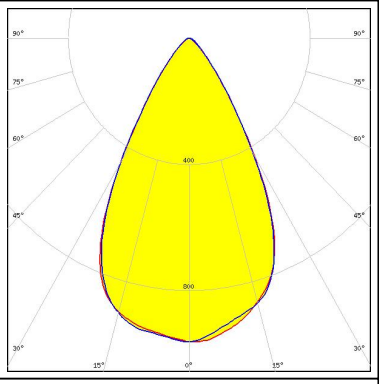


SAMSUNG

LED	LC020C
FWHM	58.0°
Efficiency	92 %
Peak intensity	0.960 cd/lm

Required components:
F15848_HEKLA-SOCKET-G



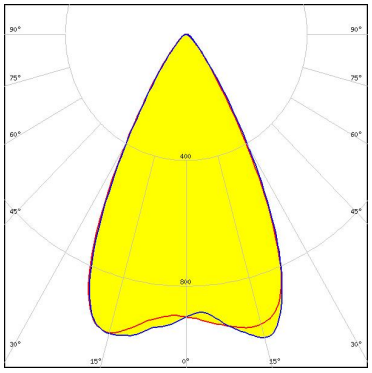


SEOUL SEMICONDUCTOR

LED	MJT COB LES 6
FWHM	58.0°
Efficiency	89 %
Peak intensity	1.000 cd/lm

Required components:
F15255_HEKLA-SOCKET-C

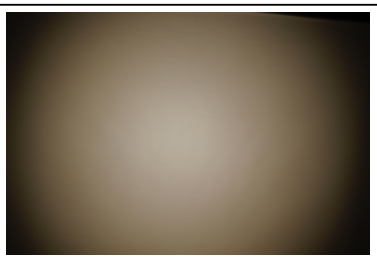


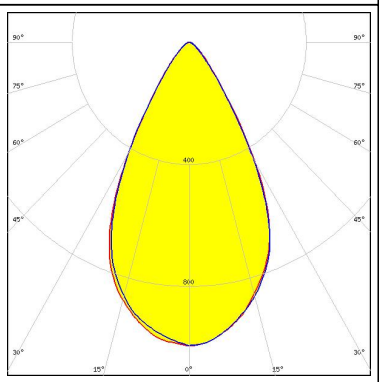


SEOUL SEMICONDUCTOR

LED	MJT COB LES 9.8
FWHM	57.0°
Efficiency	87 %
Peak intensity	1.000 cd/lm

Required components:
F15255_HEKLA-SOCKET-C





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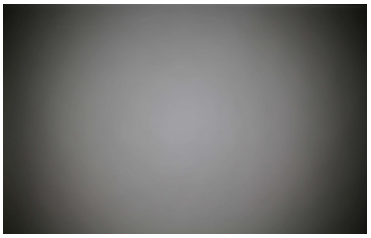
PHOTOMETRIC DATA (MEASURED):

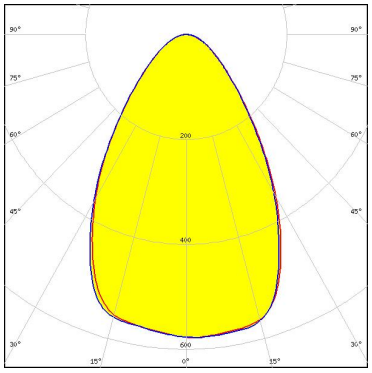
XICATO

LED	XTM - 19mm LES
FWHM	68.0°
Efficiency	84 %
Peak intensity	0.580 cd/lm

Required components:

C16058_XTM-ADAPTER-50-C





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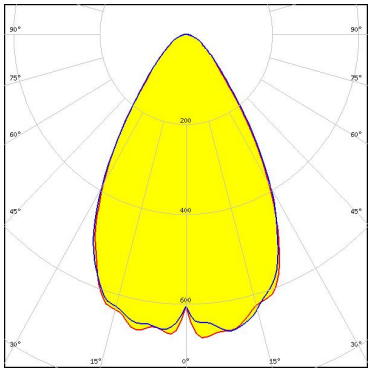
PHOTOMETRIC DATA (SIMULATED):

CITIZEN

LED	CLL03x/CLU03x
FWHM	63.0°
Efficiency	83 %
Peak intensity	0.709 cd/lm

Required components:

F15859_HEKLA-SOCKET-I

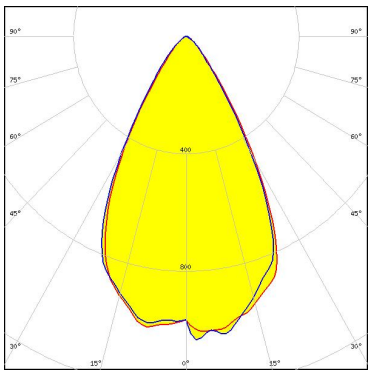


TRIDONIC

LED	SLE G6 LES10
FWHM	57.0°
Efficiency	95 %
Peak intensity	1.040 cd/lm

Required components:

F15255_HEKLA-SOCKET-C



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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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