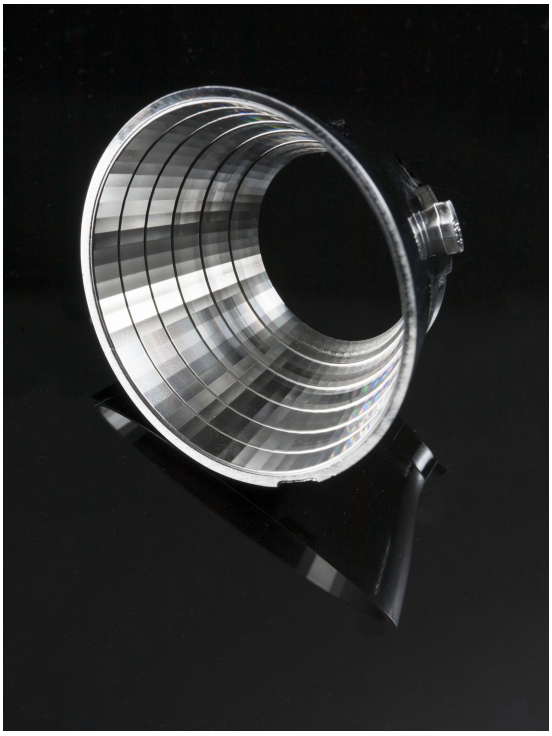
BROOKE-G2-M

~30° medium beam compatible with LEDiL HEKLA.



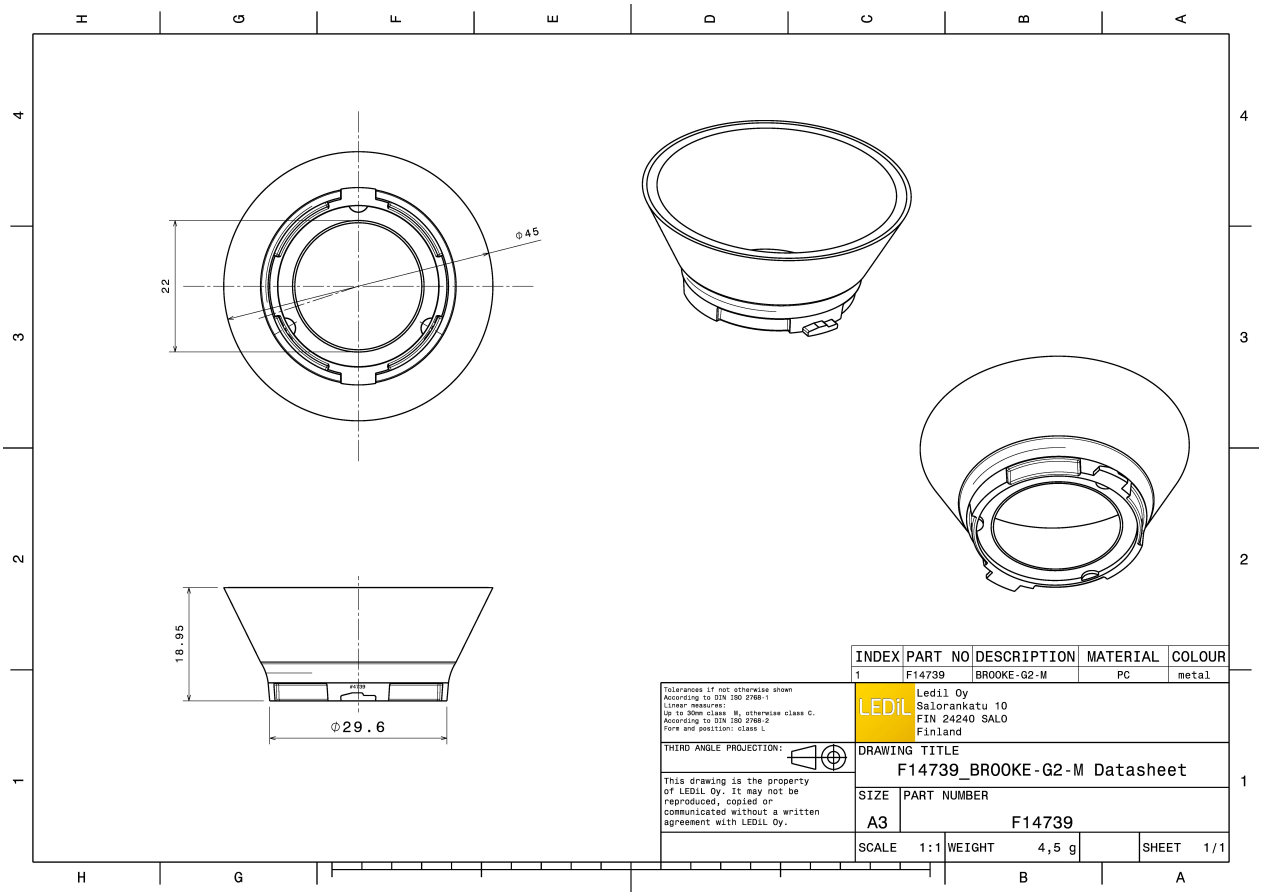
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45 mm
Height	19.7 mm
Fastening	socket
Colour	metal
Box size	480 x 280 x 300 mm
Box weight	5 kg
Quantity in Box	720 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Coating
BROOKE-G2-M	Reflector	PC	metal	lacquer

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.



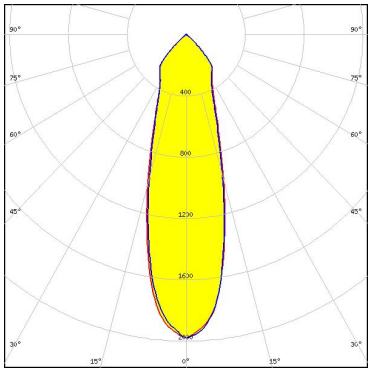
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

bridgelux

LED	VERO10
FWHM	30.0°
Efficiency	94 %
Peak intensity	2.000 cd/lm

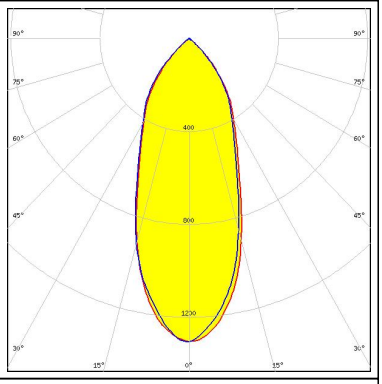
Required components:
LEDiL: F15616_HEKLA-SOCKET-F



bridgelux

LED	Vesta DTW 15mm (33W)
FWHM	41.0°
Efficiency	90 %
Peak intensity	1.300 cd/lm

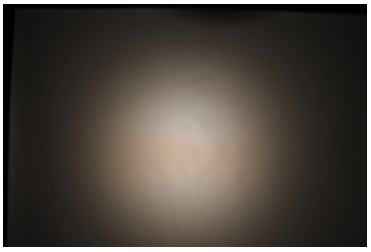
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 491 Typ L8

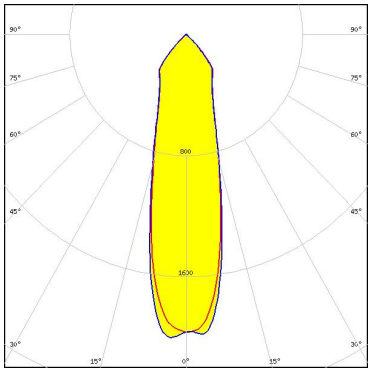


bridgelux

LED	Vesta TW 9mm (12W)
FWHM	27.0°
Efficiency	91 %
Peak intensity	2.000 cd/lm

Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 490 Typ L8

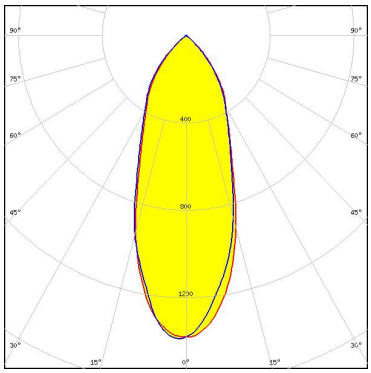




CITIZEN

LED	CLC030 Series (Dim-To-Warm)
FWHM	38.0°
Efficiency	88 %
Peak intensity	1.400 cd/lm

Required components:
LEDiL: C16142_HEKLA-SOCKET-K



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PHOTOMETRIC DATA (MEASURED):

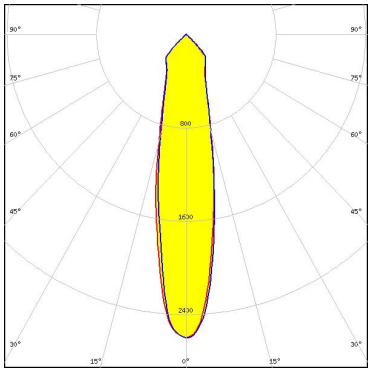
CITIZEN

LED	CLU700/701
FWHM	23.0°
Efficiency	94 %
Peak intensity	2.600 cd/lm

Required components:

C15743_XTM-ADAPTER-50-B

LEDiL: F15255_HEKLA-SOCKET-C

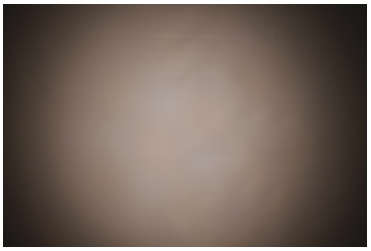


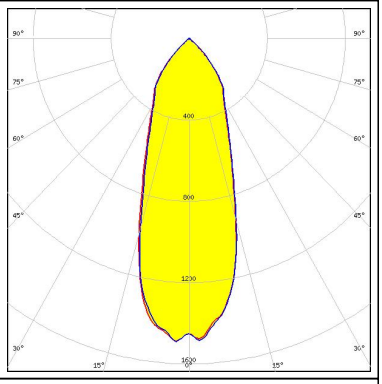
CITIZEN

LED	LCN-C02B (Tunable White)
FWHM	36.0°
Efficiency	90 %
Peak intensity	1.500 cd/lm

Required components:

LEDiL: C16142_HEKLA-SOCKET-K



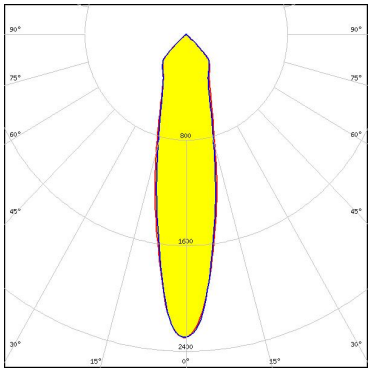


CREE

LED	CXA/B 13xx
FWHM	25.0°
Efficiency	94 %
Peak intensity	2.300 cd/lm

Required components:

LEDiL: F15956_HEKLA-SOCKET-J

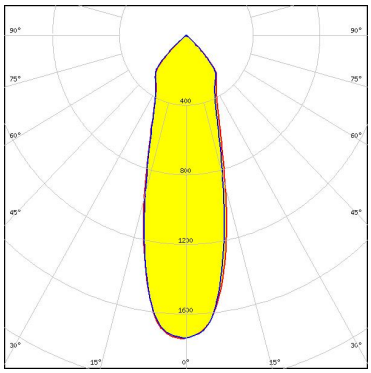


CREE

LED	CXA/B 15xx
FWHM	32.0°
Efficiency	94 %
Peak intensity	1.700 cd/lm

Required components:

F15256_HEKLA-SOCKET-D



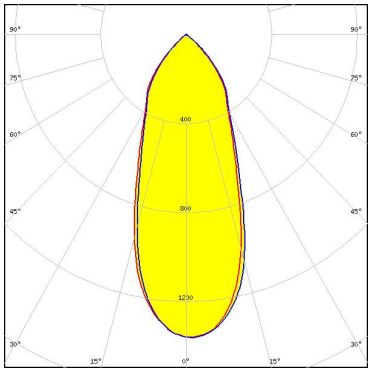
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

LUMINUS

LED	CXM-14
FWHM	40.0°
Efficiency	94 %
Peak intensity	1.400 cd/lm

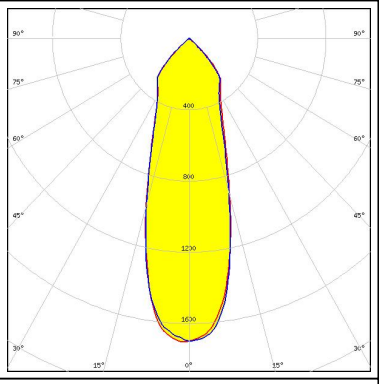
Required components:
LEDiL: F15859_HEKLA-SOCKET-I



LUMINUS

LED	CXM-9
FWHM	32.0°
Efficiency	94 %
Peak intensity	1.700 cd/lm

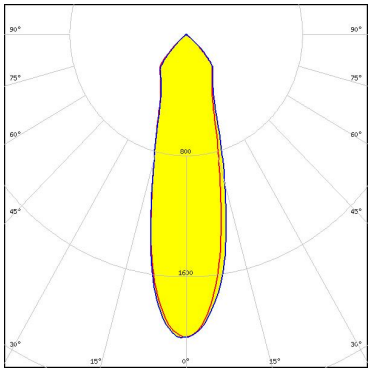
Required components:
LEDiL: F15255_HEKLA-SOCKET-C



SAMSUNG

LED	COB D Series LES 9.8 mm
FWHM	28.0°
Efficiency	94 %
Peak intensity	2.000 cd/lm

Required components:
F15255_HEKLA-SOCKET-C
LEDiL: LEDiL



SAMSUNG

LED	COB D Series LES 9.8 mm
FWHM	28.0°
Efficiency	94 %
Peak intensity	2.000 cd/lm

Required components:
LEDiL: F15255_HEKLA-SOCKET-C

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

SAMSUNG

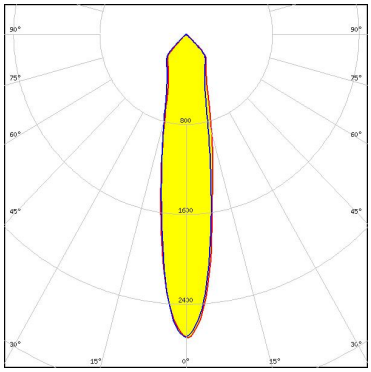
LED	LC010C G2
FWHM	23.0°
Efficiency	93 %
Peak intensity	2.400 cd/lm

Required components:
LEDiL: F15255_HEKLA-SOCKET-C

SEOUL SEMICONDUCTOR

LED	MJT COB LES 6
FWHM	20.0°
Efficiency	93 %
Peak intensity	2.700 cd/lm

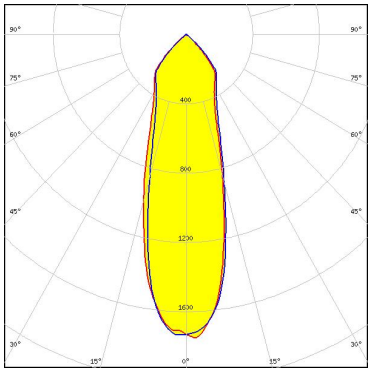
Required components:
LEDiL: F15255_HEKLA-SOCKET-C



SEOUL SEMICONDUCTOR

LED	MJT COB LES 9.8
FWHM	31.0°
Efficiency	93 %
Peak intensity	1.800 cd/lm

Required components:
LEDiL: F15255_HEKLA-SOCKET-C



LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED	V8 Gen6
FWHM	25.0°
Efficiency	0 %
Peak intensity	0.000 cd/lm

Required components:

LEDiL: F15253_HEKLA-SOCKET-A

bridgelux

LED	V8 Gen6
FWHM	25.0°
Efficiency	%
Peak intensity	cd/lm

Required components:

F15253_HEKLA-SOCKET-A

CITIZEN

LED	CLL02x/CLU02x (LES10)
FWHM	26.0°
Efficiency	0 %
Peak intensity	0.000 cd/lm

Required components:

LEDiL: F15255_HEKLA-SOCKET-C

CITIZEN

LED	CLL02x/CLU02x (LES10)
FWHM	26.0°
Efficiency	%
Peak intensity	cd/lm

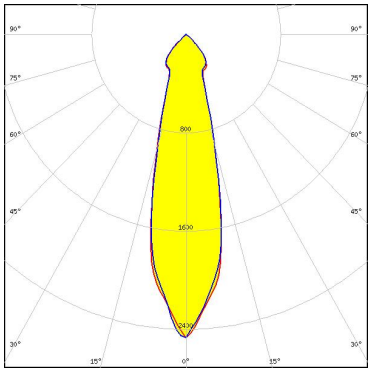
Required components:

F15255_HEKLA-SOCKET-C

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

CITIZEN



LED	CLL02x/CLU02x (LES10)
FWHM	26.0°
Efficiency	92 %
Peak intensity	2.500 cd/lm

Required components:
LEDiL: F15255_HEKLA-SOCKET-C

CREE

LED	CXA/B 15xx
FWHM	25.0°
Efficiency	0 %
Peak intensity	0.000 cd/lm

Required components:
LEDiL: F15256_HEKLA-SOCKET-D

CREE

LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM	31.0°
Efficiency	0 %
Peak intensity	0.000 cd/lm

Required components:
LEDiL: F15254_HEKLA-SOCKET-B

CREE

LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM	31.0°
Efficiency	%
Peak intensity	cd/lm

Required components:
F15254_HEKLA-SOCKET-B

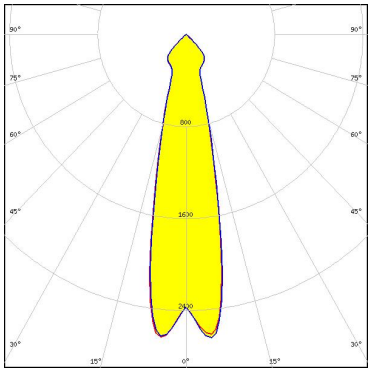
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

NICHIA

LED	COB T-Type
FWHM	24.0°
Efficiency	90 %
Peak intensity	2.650 cd/lm

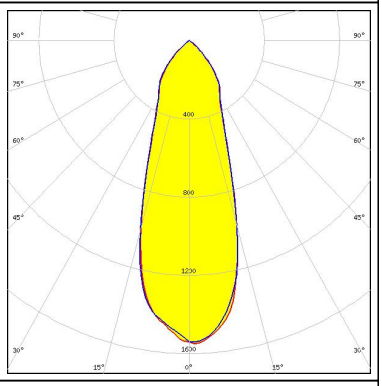
Required components:
LEDiL: F15848_HEKLA-SOCKET-G



SAMSUNG

LED	COB D Series LES 14.5 mm
FWHM	35.0°
Efficiency	88 %
Peak intensity	1.570 cd/lm

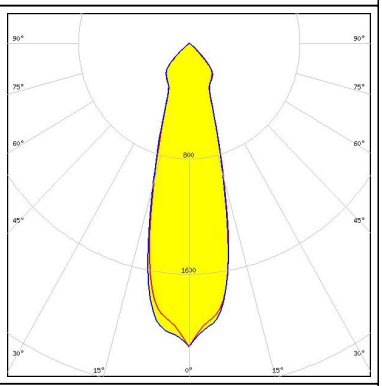
Required components:
F15859_HEKLA-SOCKET-I



TRIDONIC

LED	SLE G6 LES10
FWHM	29.0°
Efficiency	94 %
Peak intensity	2.100 cd/lm

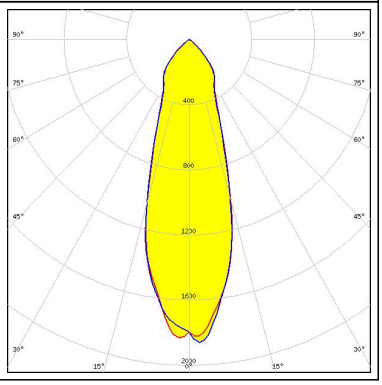
Required components:
LEDiL: F15255_HEKLA-SOCKET-C



TRIDONIC

LED	SLE G6 LES15
FWHM	32.0°
Efficiency	92 %
Peak intensity	1.900 cd/lm

Required components:
LEDiL: F15859_HEKLA-SOCKET-I



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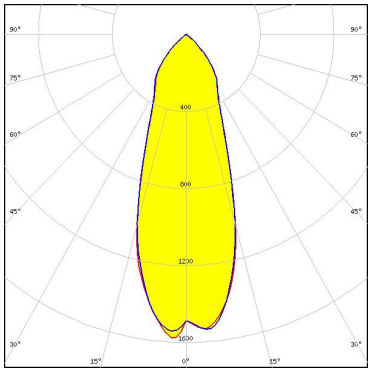
PHOTOMETRIC DATA (SIMULATED):

TRIDONIC

LED	SLE G6 LES17
FWHM	36.0°
Efficiency	92 %
Peak intensity	1.590 cd/lm

Required components:

LEDiL: F15859_HEKLA-SOCKET-I



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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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