YASMEEN-70-WW-C

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



TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.9 mm
Height	39.9 mm
ROHS compliant	yes

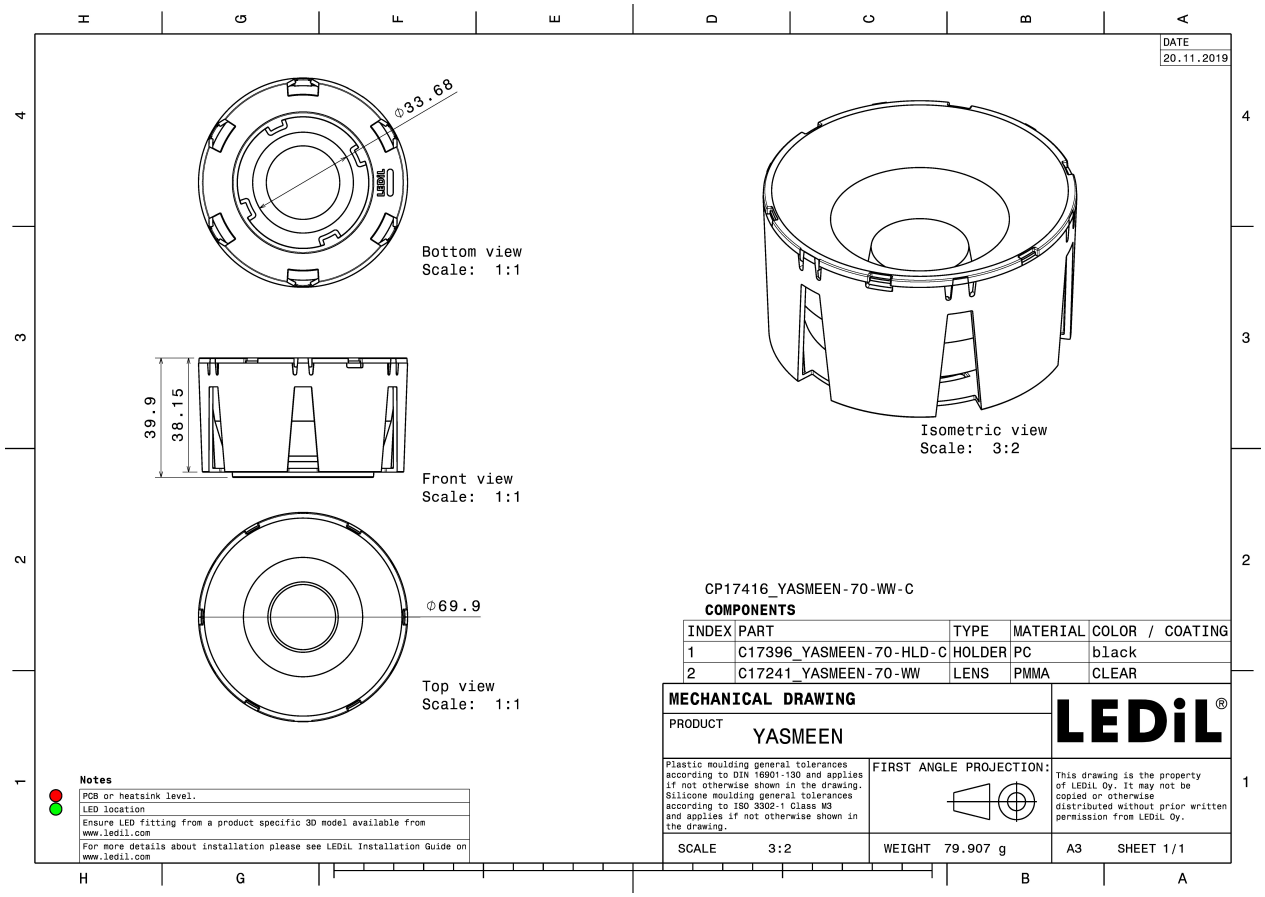
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
YASMEEN-70-WW	Single lens	PMMA	clear	
YASMEEN-70-HLD-C	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17416_YASMEEN-70-WW-C » Box size: 476 x 273 x 305 mm	Single lens	105	105	15	9.8

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CP17416_YASMEEN-70-WW-C

COMPONENTS

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C17396_YASMEEN-70-HLD-C	HOLDER	PC	black
2	C17241_YASMEEN-70-WW	LENS	PMMA	CLEAR

MECHANICAL DRAWING

PRODUCT YASMEEN

LEDiL®

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.

SCALE 3:2 | WEIGHT 79.907 g | A3 | SHEET 1/1

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

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PHOTOMETRIC DATA (MEASURED):

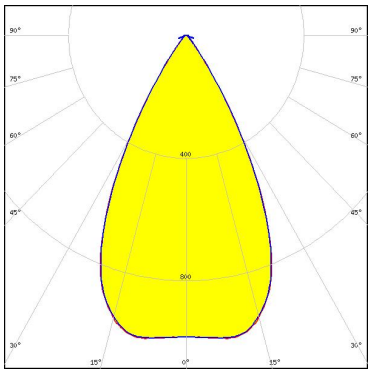
bridgelux

LED	V9 HD
FWHM / FWTM	55.0° / 74.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

F15859_HEKLA-SOCKET-I



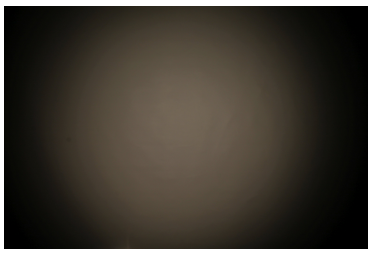


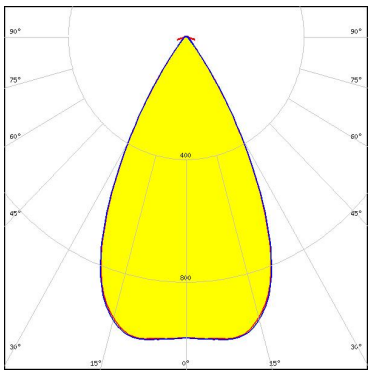
bridgelux

LED	VERO10
FWHM / FWTM	55.0° / 75.0°
Efficiency	82 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

F15616_HEKLA-SOCKET-F





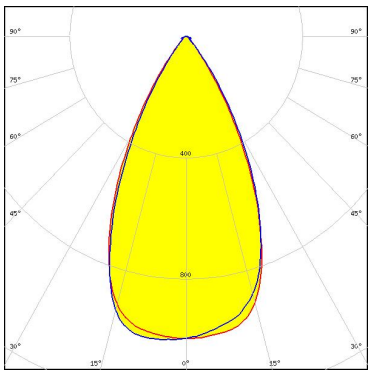
bridgelux

LED	Vesta DTW 13mm (21W)
FWHM / FWTM	53.0° / 77.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	Tunable White

Required components:

Bender Wirth: 632a Hekla





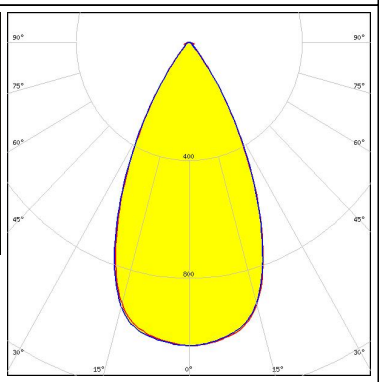
bridgelux

LED	Vesta DTW 15mm (33W)
FWHM / FWTM	52.0° / 77.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	Tunable White

Required components:

Bender Wirth: 632b Hekla XL





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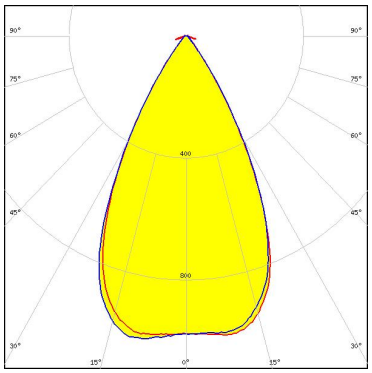
PHOTOMETRIC DATA (MEASURED):

bridgelux

LED	Vesta DTW 9mm (4W/6W/12W)
FWHM / FWTM	55.0° / 76.0°
Efficiency	82 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
Bender Wirth: 652b Hekla

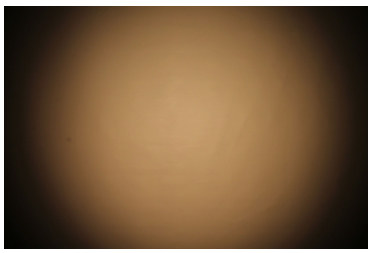


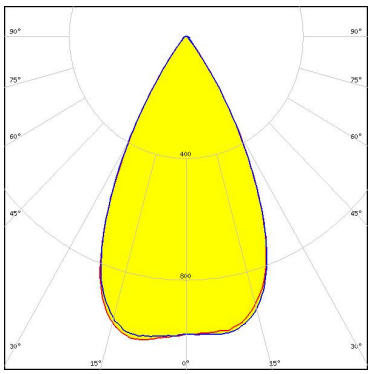


CITIZEN

LED	CLL02x/CLU02x (LES10)
FWHM / FWTM	54.0° / 75.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17435_HEKLA-G2-C



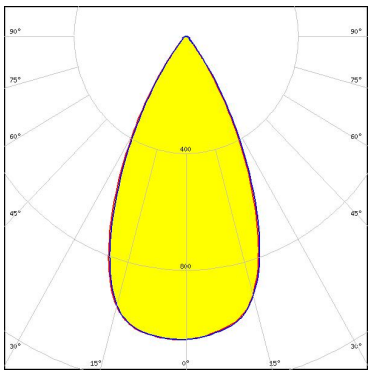


CITIZEN

LED	CLL03x/CLU03x
FWHM / FWTM	52.0° / 76.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17438_HEKLA-G2-I



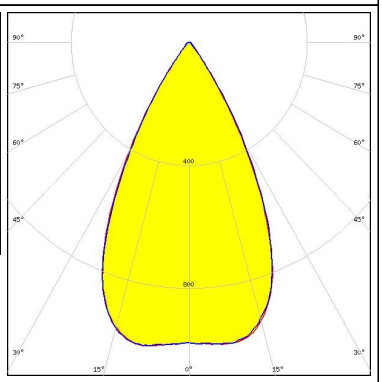


CREE LED

LED	CMA1516
FWHM / FWTM	55.0° / 75.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17436_HEKLA-G2-D





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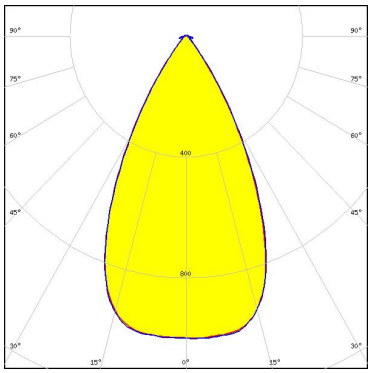
PHOTOMETRIC DATA (MEASURED):

CREE LED

LED	CMA1825
FWHM / FWTM	54.0° / 76.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F15254_HEKLA-SOCKET-B



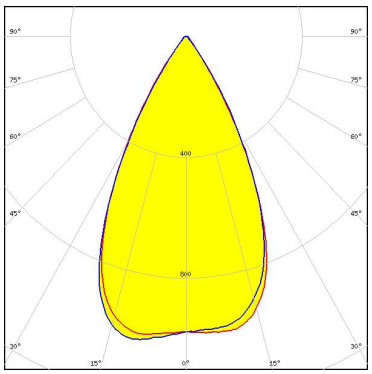


CREE LED

LED	CMT14xx
FWHM / FWTM	55.0° / 75.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17435_HEKLA-G2-C



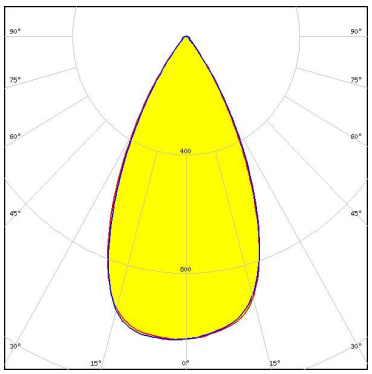


CREE LED

LED	CMT19xx
FWHM / FWTM	52.0 + 5.0° / 76.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17438_HEKLA-G2-I

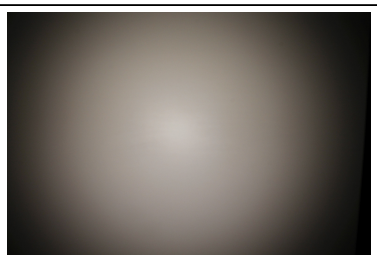


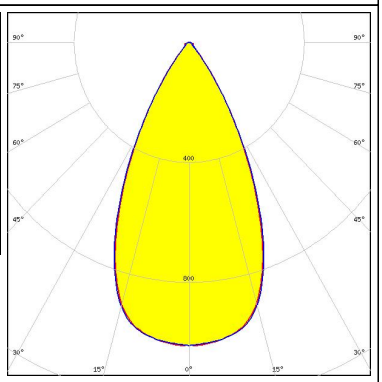


CREE LED

LED	CMU15xx
FWHM / FWTM	52.0° / 77.0°
Efficiency	79 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17438_HEKLA-G2-I





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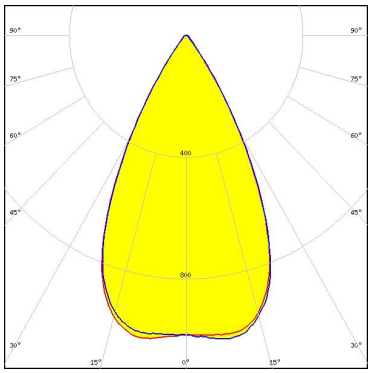
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON CoB 1202/1203
FWHM / FWTM	55.0° / 74.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17437_HEKLA-G2-H



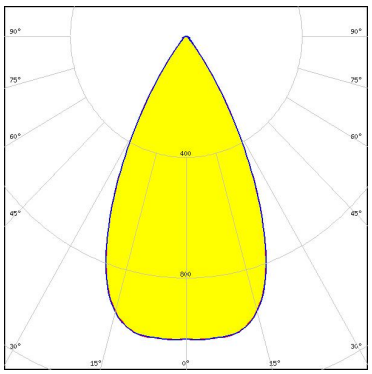


NICHIA

LED	COB L-Type (LES 11)
FWHM / FWTM	54.0° / 75.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17437_HEKLA-G2-H

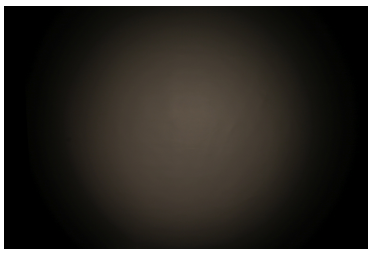


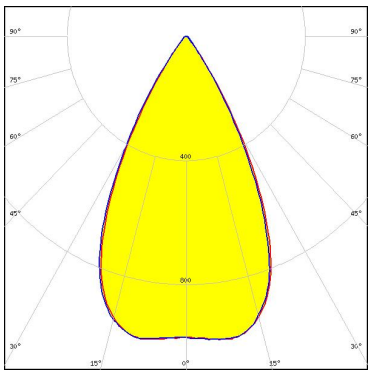


NICHIA

LED	COB L-Type (LES 9)
FWHM / FWTM	55.0° / 74.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17437_HEKLA-G2-H

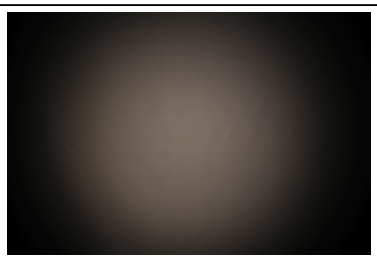


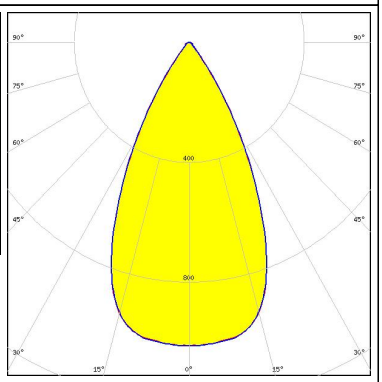


NICHIA

LED	COB S-Type (LES 7)
FWHM / FWTM	53.0° / 76.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17438_HEKLA-G2-I





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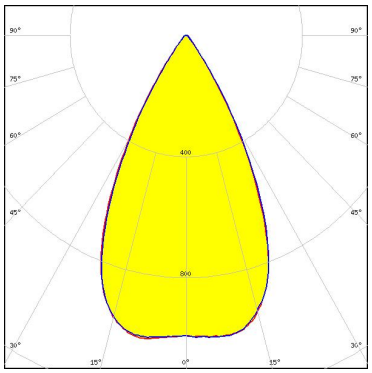
PHOTOMETRIC DATA (MEASURED):

PHILIPS

LED	Fortimo SLM L09 CoB
FWHM / FWTM	54.0° / 74.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17437_HEKLA-G2-H



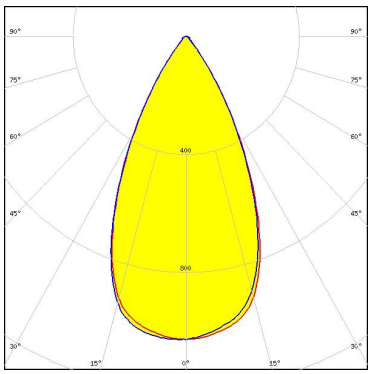


SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
FWHM / FWTM	52.0° / 77.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17438_HEKLA-G2-I



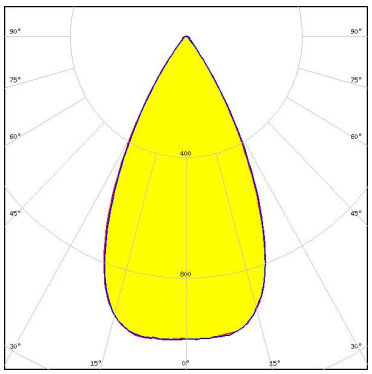


SAMSUNG

LED	LC030C/040C G2
FWHM / FWTM	54.0° / 75.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17438_HEKLA-G2-I



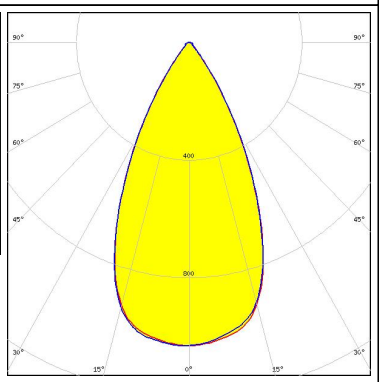


SEOUL SEMICONDUCTOR

LED	MJT COB LES 14.5
FWHM / FWTM	52.0° / 77.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17438_HEKLA-G2-I





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PHOTOMETRIC DATA (MEASURED):

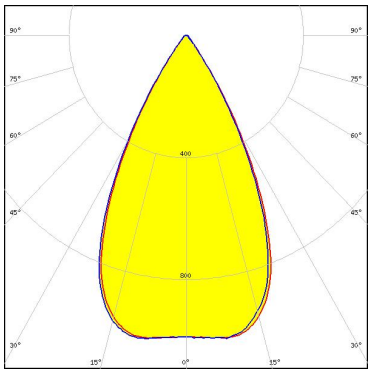
TRIDONIC

LED	SLE G7 LES09
FWHM / FWTM	55.0° / 74.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

F17435_HEKLA-G2-C





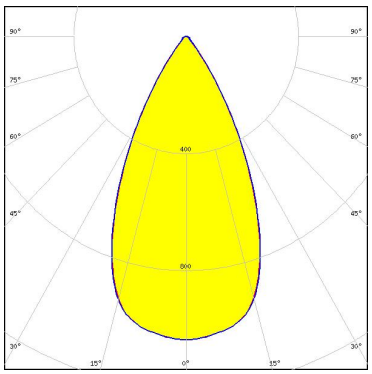
TRIDONIC

LED	SLE G7 LES15
FWHM / FWTM	52.0° / 76.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

F17438_HEKLA-G2-I





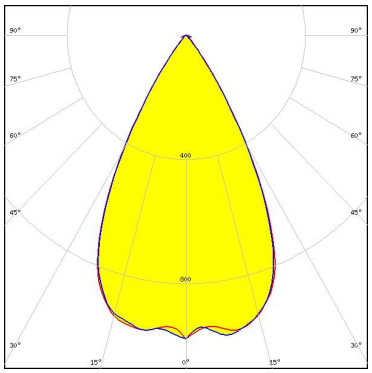
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PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED	V8 Gen 8
FWHM / FWTM	57.0° / 76.0°
Efficiency	82 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

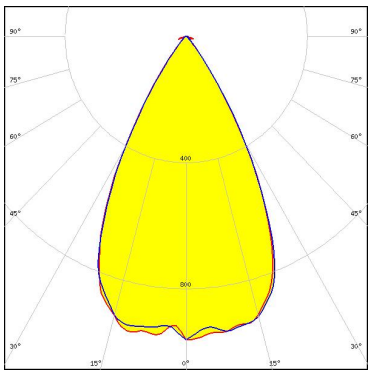
Required components:
F15253_HEKLA-SOCKET-A



CITIZEN

LED	CLU712
FWHM / FWTM	56.0° / 76.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

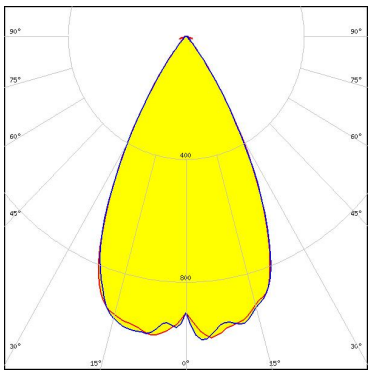
Required components:
F17438_HEKLA-G2-I



CREE LED

LED	CMU10xx
FWHM / FWTM	56.0° / 76.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

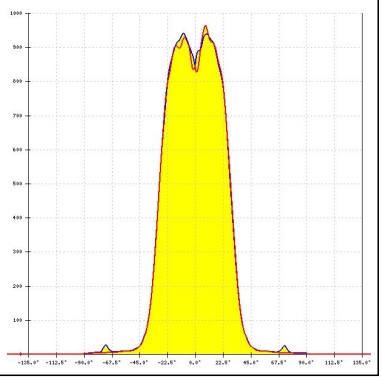
Required components:
F17435_HEKLA-G2-C



CREE LED

LED	CXA/B 13xx
FWHM / FWTM	58.0° / 76.0°
Efficiency	82 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17439_HEKLA-G2-J

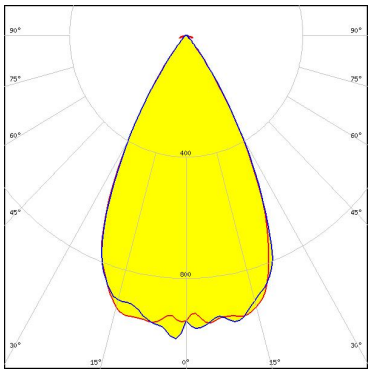


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PHOTOMETRIC DATA (SIMULATED):

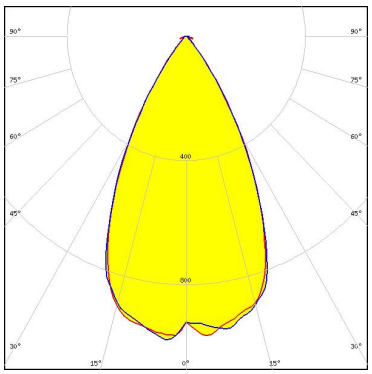
CREE LED

LED	CXA/B 15xx
FWHM / FWTM	56.0° / 76.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
F17436_HEKLA-G2-D	



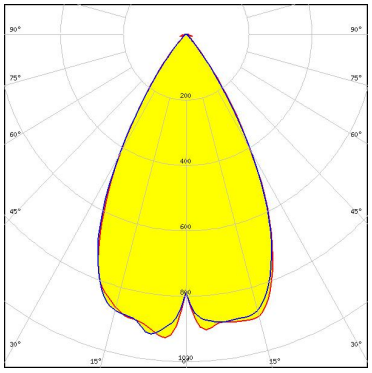
CREE LED

LED	CXA/B 1830
FWHM / FWTM	54.0° / 78.0°
Efficiency	79 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
Bender Wirth: 637b Hekla	



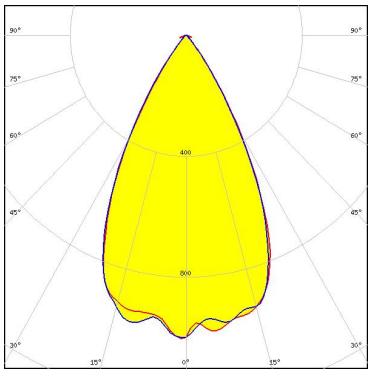
NICHIA

LED	NVCWJ024Z-V1MT: COB J-Type Tunable White
FWHM / FWTM	58.0° / 80.0°
Efficiency	81 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C16142_HEKLA-SOCKET-K	
Bender Wirth: 498 Typ L8 HV	



SAMSUNG

LED	LC003D / LC006D / LC009D / LC013D
FWHM / FWTM	56.0° / 76.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
F17435_HEKLA-G2-C	



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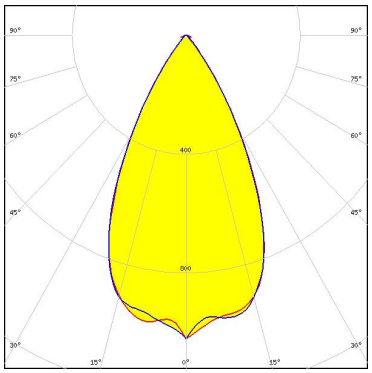
PHOTOMETRIC DATA (SIMULATED):

TRIDONIC

LED	SLE G7 LES13
FWHM / FWTM	54.0° / 77.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

F17438_HEKLA-G2-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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