

YASMEEN-70-W-C

~36° wide beam. Assembly with holder C compatible with HEKLA sockets and connectors. Black version.



TECHNICAL SPECIFICATIONS:

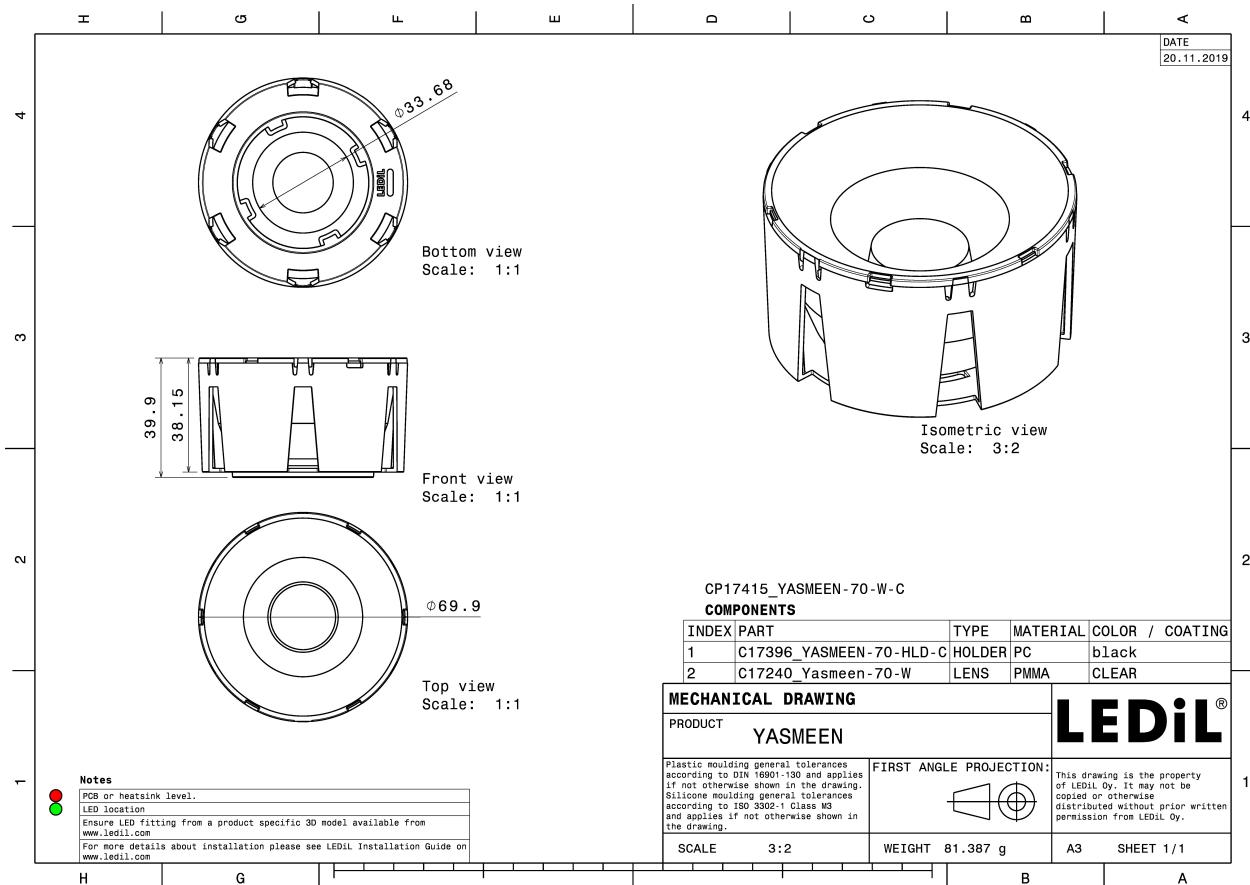
Dimensions	Ø 69.9 mm
Height	39.9 mm
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP17415_YASMEEN-70-W-C » Box size: 476 x 273 x 305 mm	Single lens	105	105	15

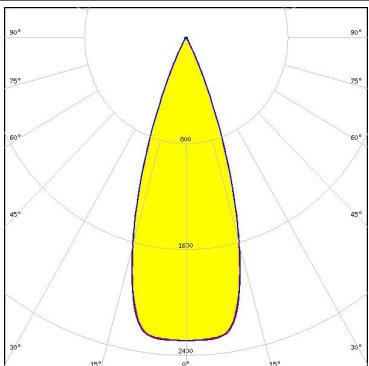


See also our general installation guide: www.ledil.com/installation_guide

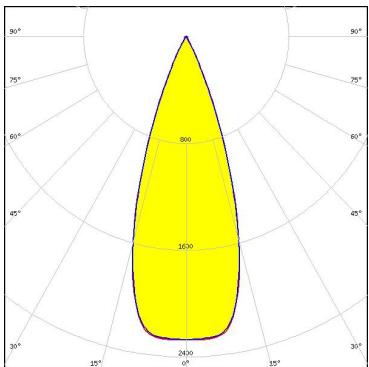
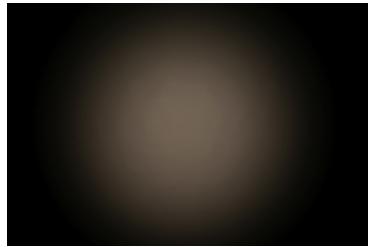
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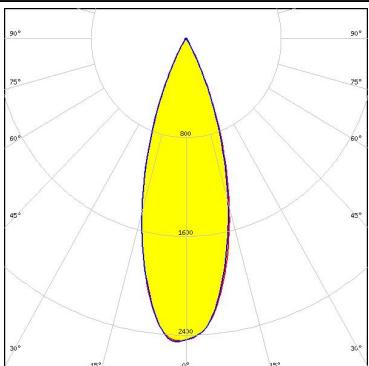
LED V9 HD
FWHM / FWTM 36.0° / 51.0°
Efficiency 84 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F15859_HEKLA-SOCKET-I



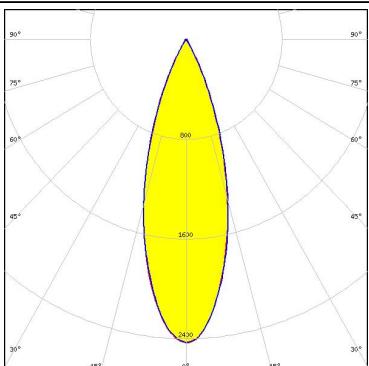
LED VERO10
FWHM / FWTM 37.0° / 53.0°
Efficiency 85 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F15616_HEKLA-SOCKET-F



LED Vesta DTW 13mm (21W)
FWHM / FWTM 34.0° / 55.0°
Efficiency 85 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 Bender Wirth: 632b Hekla XL



LED Vesta DTW 15mm (33W)
FWHM / FWTM 33.0° / 56.0°
Efficiency 84 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 Bender Wirth: 632b Hekla XL

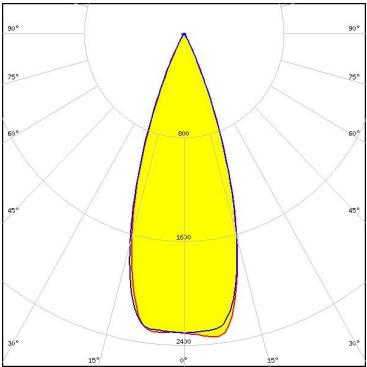
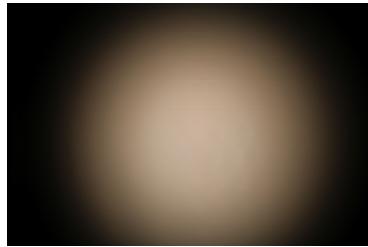


PHOTOMETRIC DATA (MEASURED):



LED	Vesta DTW 9mm (4W/6W/12W)
FWHM / FWTM	37.0° / 53.0°
Efficiency	86 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

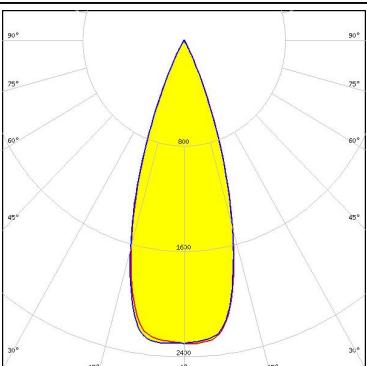
Bender Wirth: 652b Hekla



CITIZEN

LED	CLL02x/CLU02x (LES10)
FWHM / FWTM	36.0° / 52.0°
Efficiency	84 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

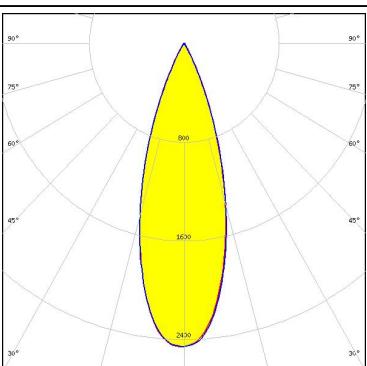
F17435_HEKLA-G2-C



CITIZEN

LED	CLL03x/CLU03x
FWHM / FWTM	33.0° / 54.5°
Efficiency	84 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

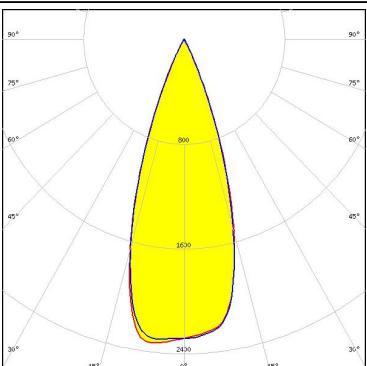
F17438_HEKLA-G2-I



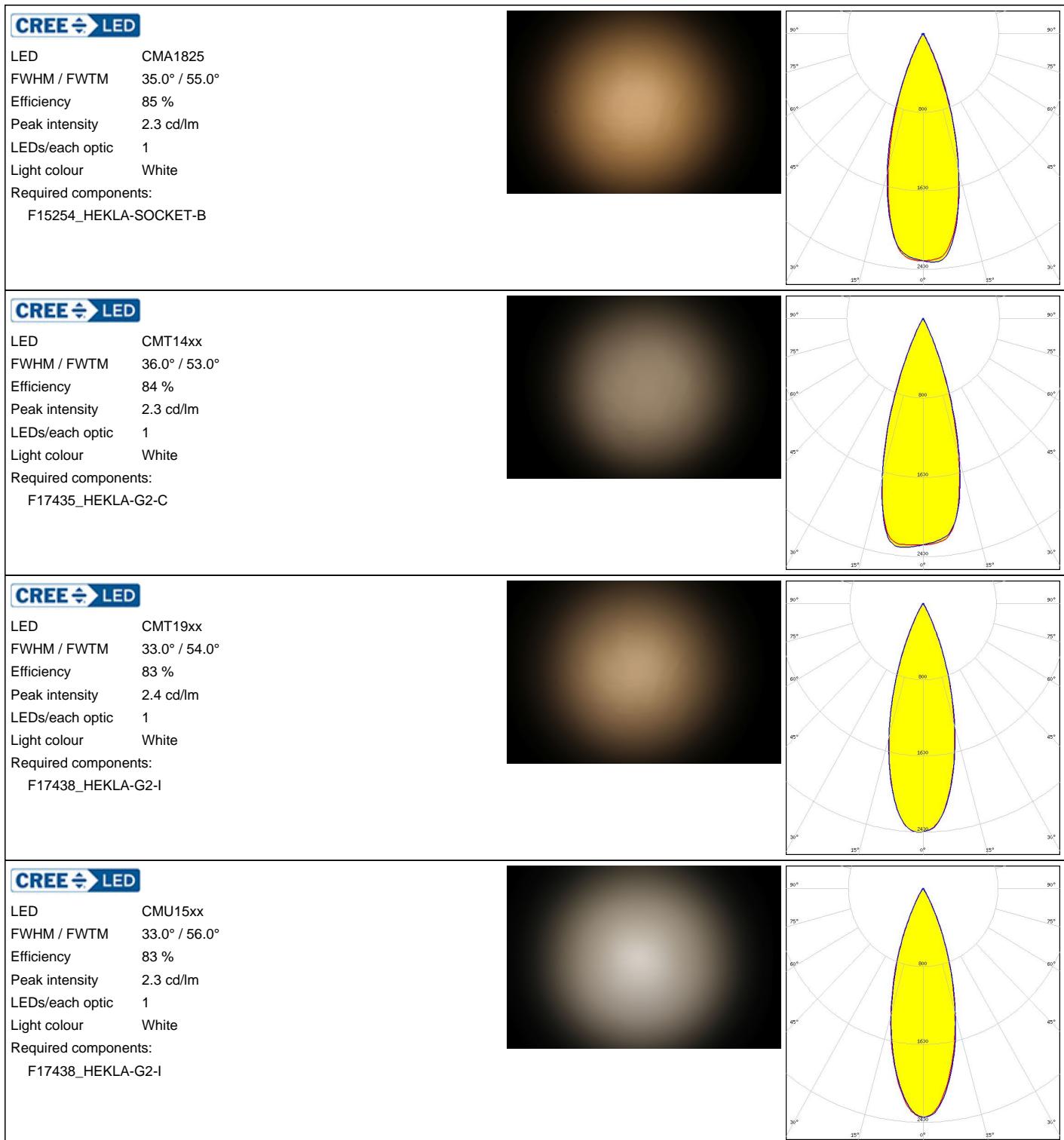
CREE → LED

LED	CMA1516
FWHM / FWTM	36.0° / 52.0°
Efficiency	84 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

F17436_HEKLA-G2-D



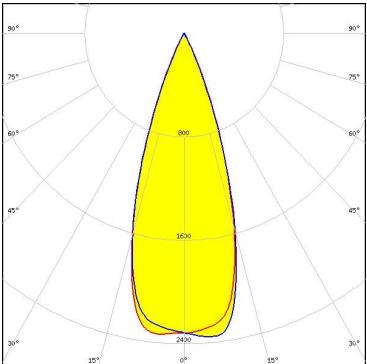
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PHOTOMETRIC DATA (MEASURED):

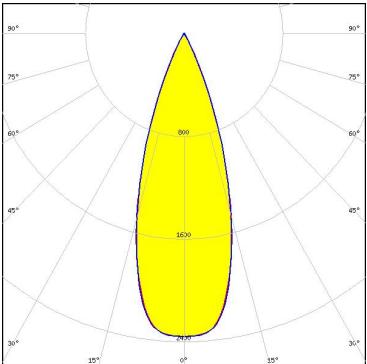
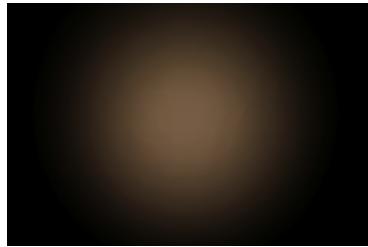
LUMILEDS

LED LUXEON CoB 1202/1203
 FWHM / FWTM 36.0° / 52.0°
 Efficiency 84 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



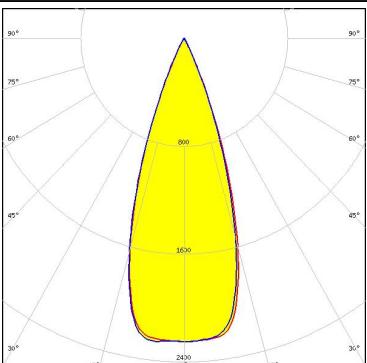
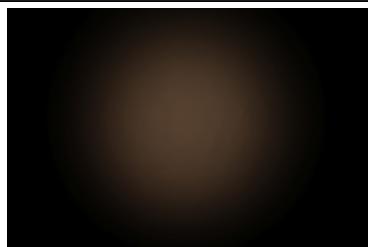
NICHIA

LED COB L-Type (LES 11)
 FWHM / FWTM 34.0° / 53.0°
 Efficiency 83 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



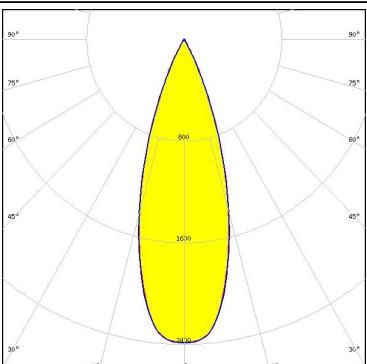
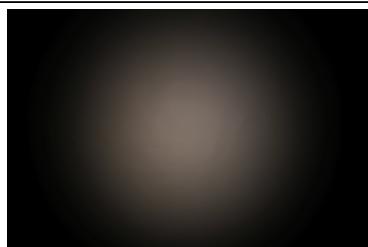
NICHIA

LED COB L-Type (LES 9)
 FWHM / FWTM 36.0° / 52.0°
 Efficiency 83 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



NICHIA

LED COB S-Type (LES 7)
 FWHM / FWTM 34.0° / 54.0°
 Efficiency 83 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



PHOTOMETRIC DATA (MEASURED):

PHILIPS

LED Fortimo SLM L09 CoB

FWHM / FWTM 36.0° / 52.0°

Efficiency 84 %

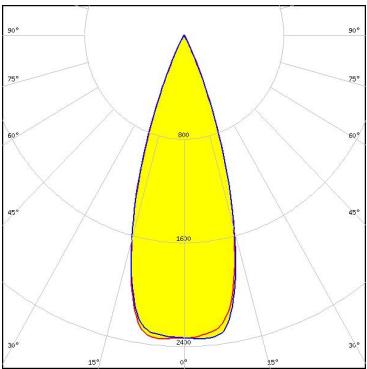
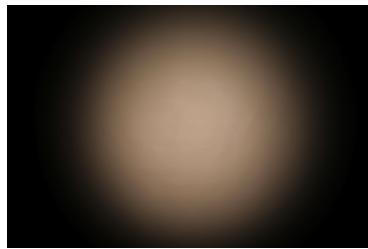
Peak intensity 2.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

F17437_HEKLA-G2-H



SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 33.0° / 55.0°

Efficiency 83 %

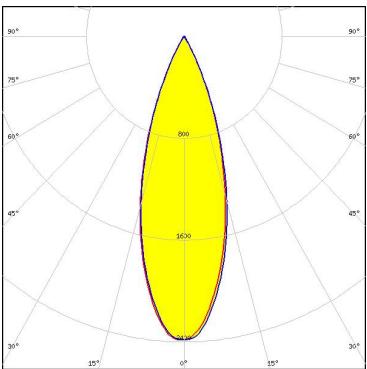
Peak intensity 2.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

F17438_HEKLA-G2-I



SAMSUNG

LED LC030C/040C G2

FWHM / FWTM 34.0° / 53.0°

Efficiency 84 %

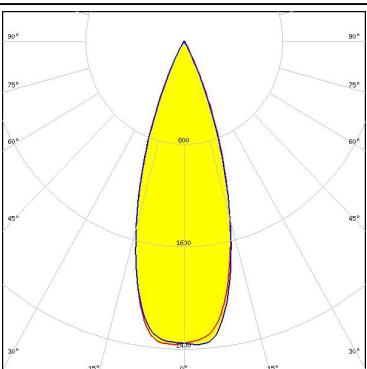
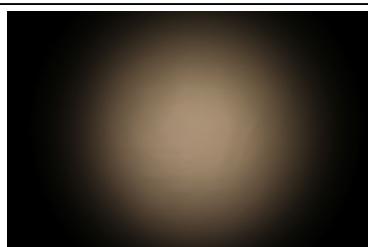
Peak intensity 2.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

F17438_HEKLA-G2-I



 SEOUL SEMICONDUCTOR

LED MJT COB LES 14.5

FWHM / FWTM 33.0° / 55.0°

Efficiency 83 %

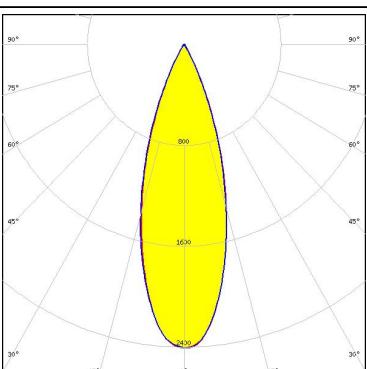
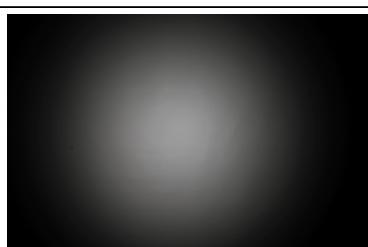
Peak intensity 2.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

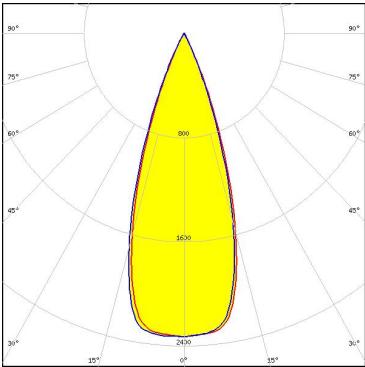
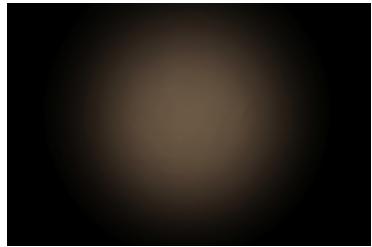
F17438_HEKLA-G2-I



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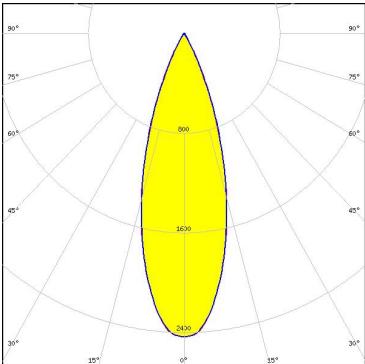
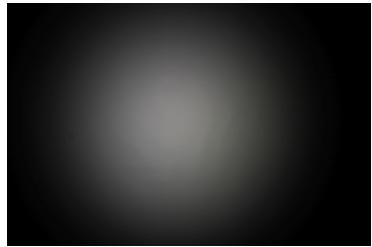
TRIDONIC

LED SLE G7 LES09
FWHM / FWTM 36.0° / 51.0°
Efficiency 84 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



TRIDONIC

LED SLE G7 LES15
FWHM / FWTM 33.0° / 55.0°
Efficiency 84 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I

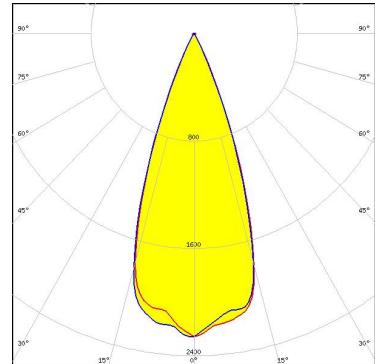


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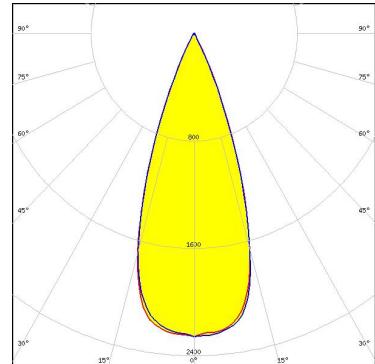
LED	V6 HD
FWHM / FWTM	38.0° / 52.0°
Efficiency	87 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F15255_HEKLA-SOCKET-C



LED	V8 Gen 8
FWHM / FWTM	38.0° / 54.0°
Efficiency	86 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White

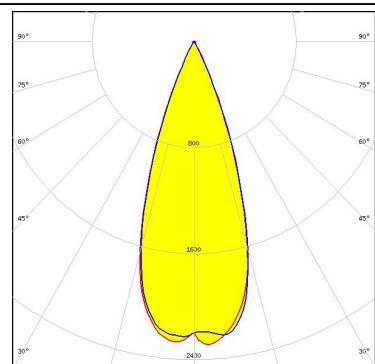
Required components:
F15253_HEKLA-SOCKET-A



CITIZEN

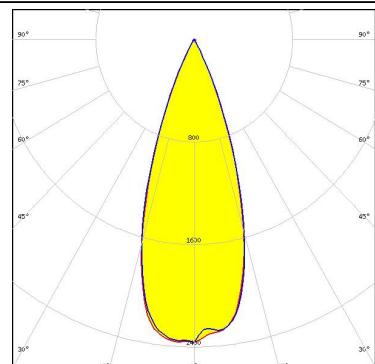
LED	CLU712
FWHM / FWTM	38.0° / 54.0°
Efficiency	85 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17438_HEKLA-G2-I



LED	CMU10xx
FWHM / FWTM	36.0° / 54.0°
Efficiency	86 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

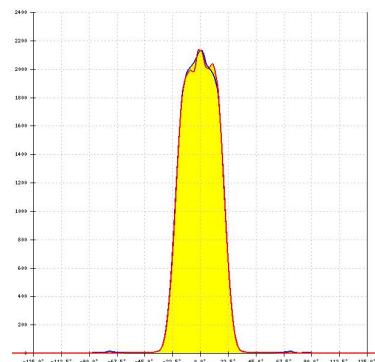
Required components:
F17435_HEKLA-G2-C



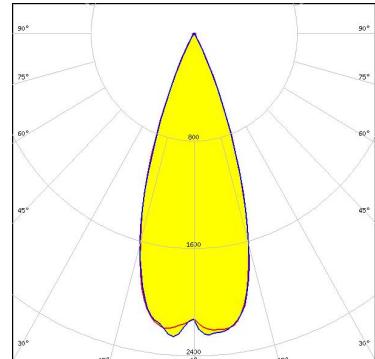
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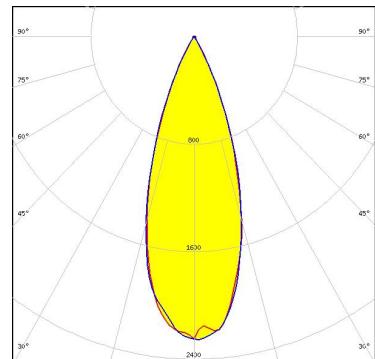
LED	CXA/B 13xx
FWHM / FWTM	40.0° / 54.0°
Efficiency	86 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	F17439_HEKLA-G2-J



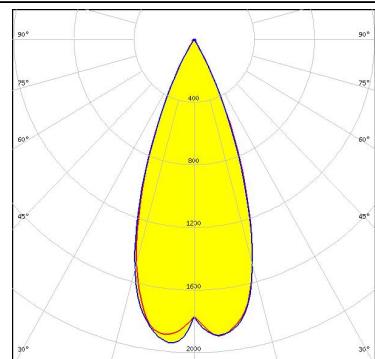
LED	CXA/B 15xx
FWHM / FWTM	38.0° / 54.0°
Efficiency	85 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	F17436_HEKLA-G2-D



LED	CXA/B 1830
FWHM / FWTM	36.0° / 56.0°
Efficiency	85 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	Bender Wirth: 637b Hekla



LED	NVCWJ024Z-V1MT: COB J-Type Tunable White
FWHM / FWTM	41.0° / 58.0°
Efficiency	86 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	C16142_HEKLA-SOCKET-K
	Bender Wirth: 498 Typ L8 HV



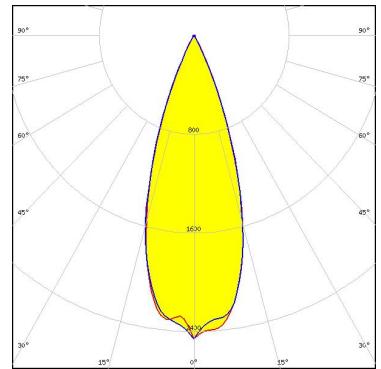
PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED	LC003D / LC006D / LC009D / LC013D
FWHM / FWTM	36.0° / 54.0°
Efficiency	85 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

F17435_HEKLA-G2-C

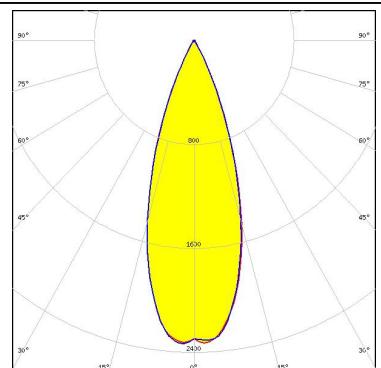


TRIDONIC

LED	SLE G7 LES13
FWHM / FWTM	35.0° / 56.0°
Efficiency	85 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

F17438_HEKLA-G2-I



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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