YASMEEN-70-S-C

~15° spot 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-S	Single lens	PMMA	clear	
YASMEEN-70-HLD-C	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17408_YASMEEN-70-S-C » Box size: 476 x 273 x 305 mm	Single lens	105	105	15	9.8

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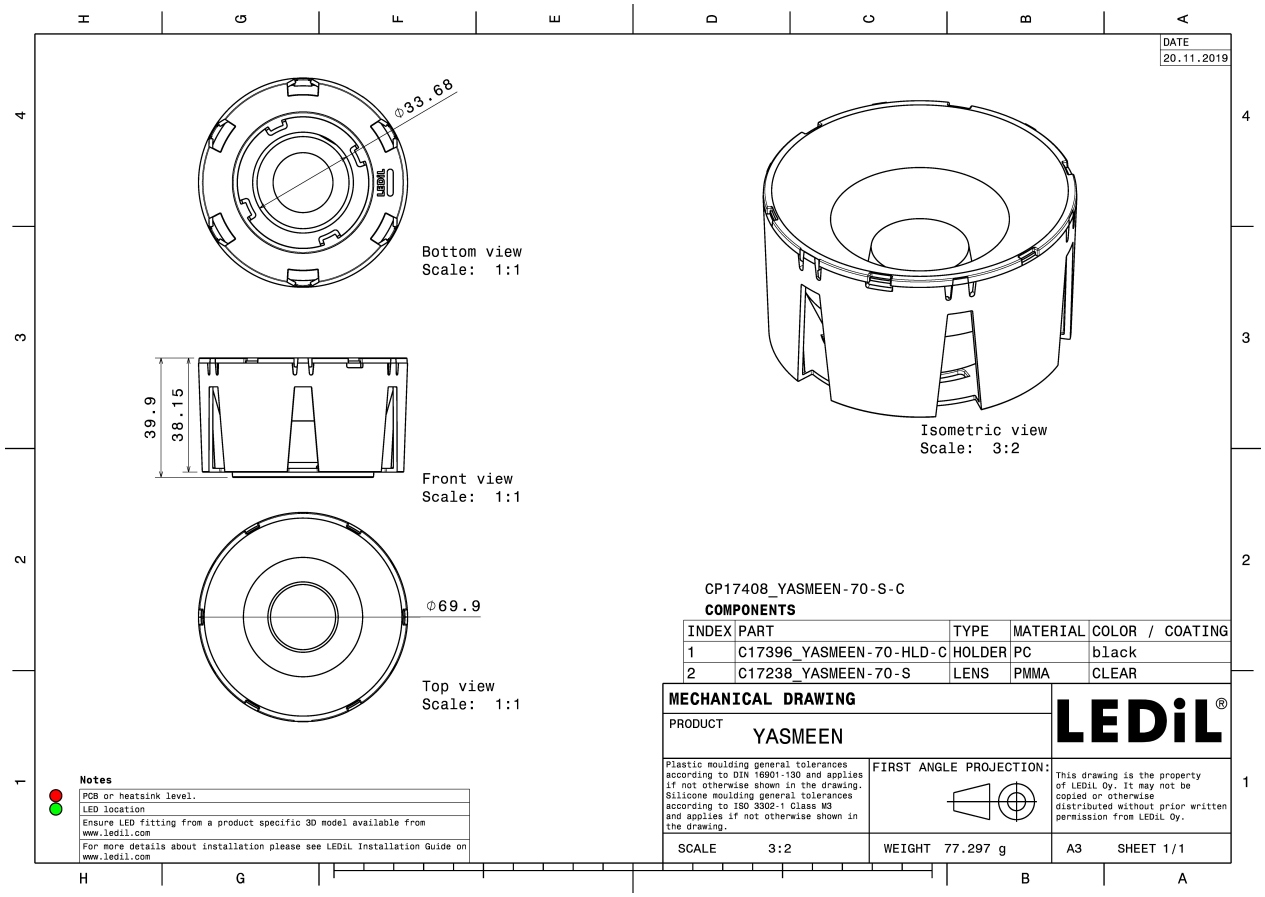

CP17408_YASMEEN-70-S-C

COMPONENTS

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C17396_YASMEEN-70-HLD-C	HOLDER	PC	black
2	C17238_YASMEEN-70-S	LENS	PMMA	CLEAR

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

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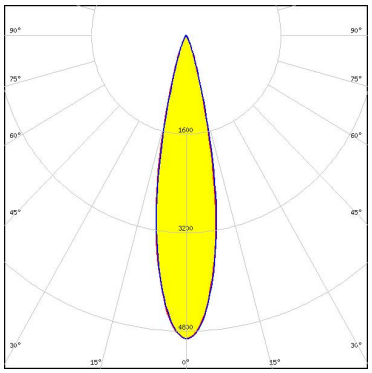
PHOTOMETRIC DATA (MEASURED):

bridgelux

LED	Vesta DTW 15mm (33W)
FWHM	23.0°
Efficiency	86 %
Peak intensity	4.9 cd/lm
LEDs/each optic	1
Light colour	Tunable White

Required components:
Bender Wirth: 632b Hekla

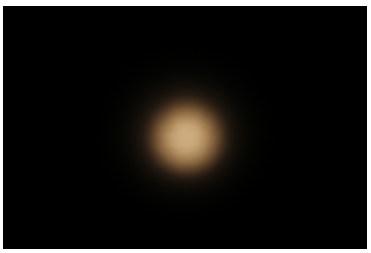


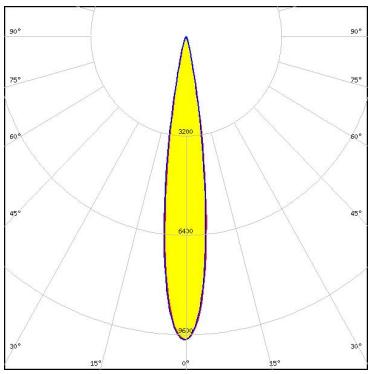


CITIZEN

LED	CLL02x/CLU02x (LES10)
FWHM	15.0°
Efficiency	87 %
Peak intensity	9.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17435_HEKLA-G2-C

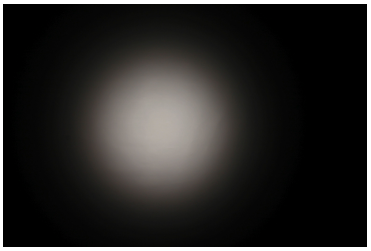


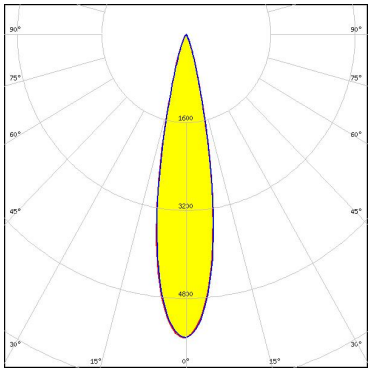


CITIZEN

LED	CLL03x/CLU03x
FWHM	21.0°
Efficiency	85 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17438_HEKLA-G2-I

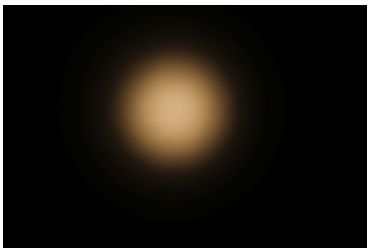


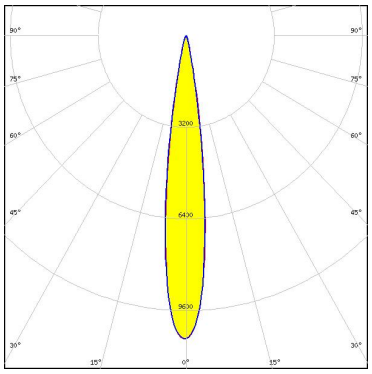


CREE

LED	CMA1516
FWHM	14.0°
Efficiency	87 %
Peak intensity	10.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17436_HEKLA-G2-D





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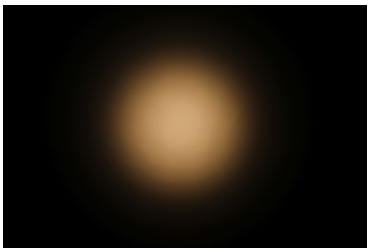
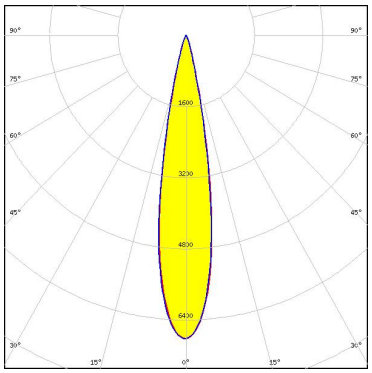
PHOTOMETRIC DATA (MEASURED):

CREE

LED	CMA1825
FWHM	19.0°
Efficiency	87 %
Peak intensity	6.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F15254_HEKLA-SOCKET-B

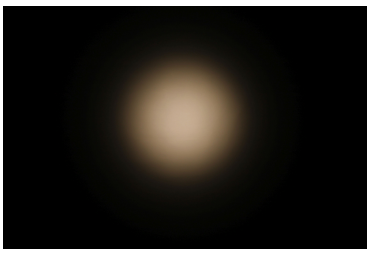


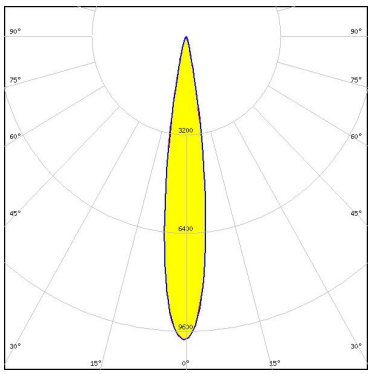


CREE

LED	CMT14xx
FWHM	15.0°
Efficiency	86 %
Peak intensity	9.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17435_HEKLA-G2-C

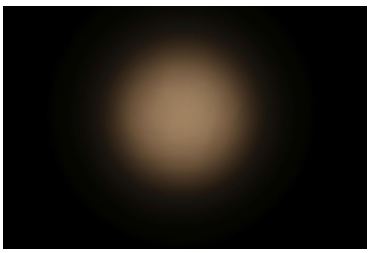


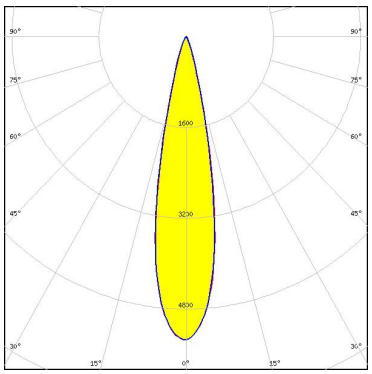


CREE

LED	CMT19xx
FWHM	21.0°
Efficiency	85 %
Peak intensity	5.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17438_HEKLA-G2-I

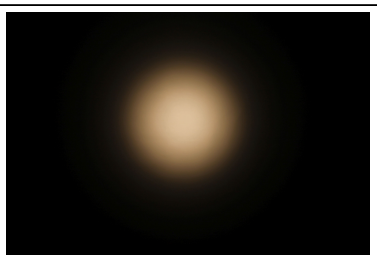


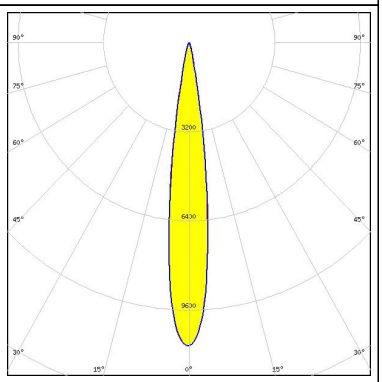


LUMILEDS

LED	LUXEON CoB 1202/1203
FWHM	14.0°
Efficiency	86 %
Peak intensity	10.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17437_HEKLA-G2-H





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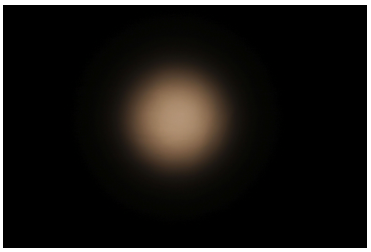
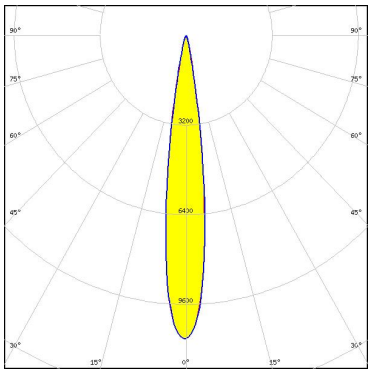
PHOTOMETRIC DATA (MEASURED):

PHILIPS

LED	Fortimo SLM L09 CoB
FWHM	14.0°
Efficiency	86 %
Peak intensity	10.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17437_HEKLA-G2-H

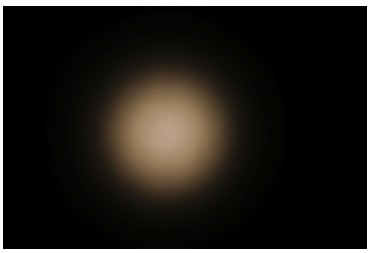


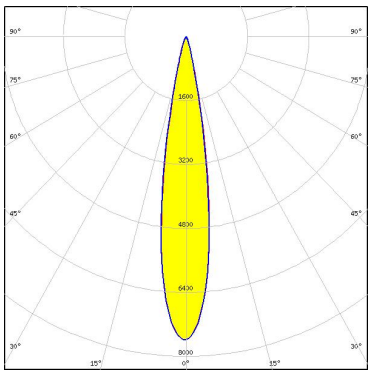


SAMSUNG

LED	LC030C/040C G2
FWHM	17.0°
Efficiency	86 %
Peak intensity	7.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17438_HEKLA-G2-I





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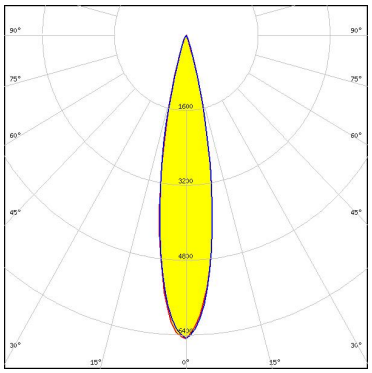
PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED	Vesta TW 13mm (25W) CSP
FWHM	20.0°
Efficiency	90 %
Peak intensity	6.5 cd/lm
LEDs/each optic	1
Light colour	White

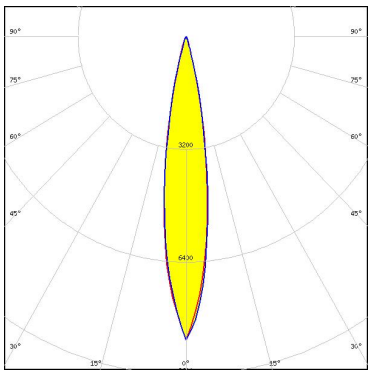
Required components:
C16142_HEKLA-SOCKET-K



bridgelux

LED	Vesta TW 9mm (12W) CSP
FWHM	16.0°
Efficiency	90 %
Peak intensity	8.6 cd/lm
LEDs/each optic	1
Light colour	White

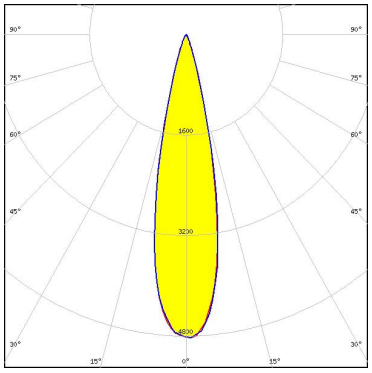
Required components:
C16142_HEKLA-SOCKET-K



CITIZEN

LED	CLL03x/CLU03x
FWHM	22.0°
Efficiency	83 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour	White

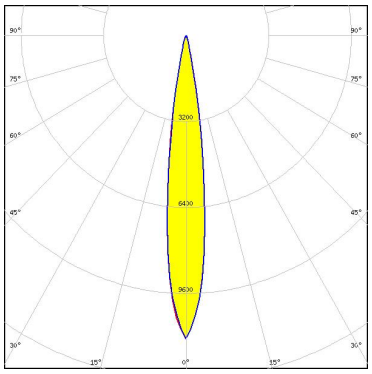
Required components:
F17438_HEKLA-G2-I



CITIZEN

LED	CLU712
FWHM	14.0°
Efficiency	87 %
Peak intensity	11.3 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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