

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 ⓘ

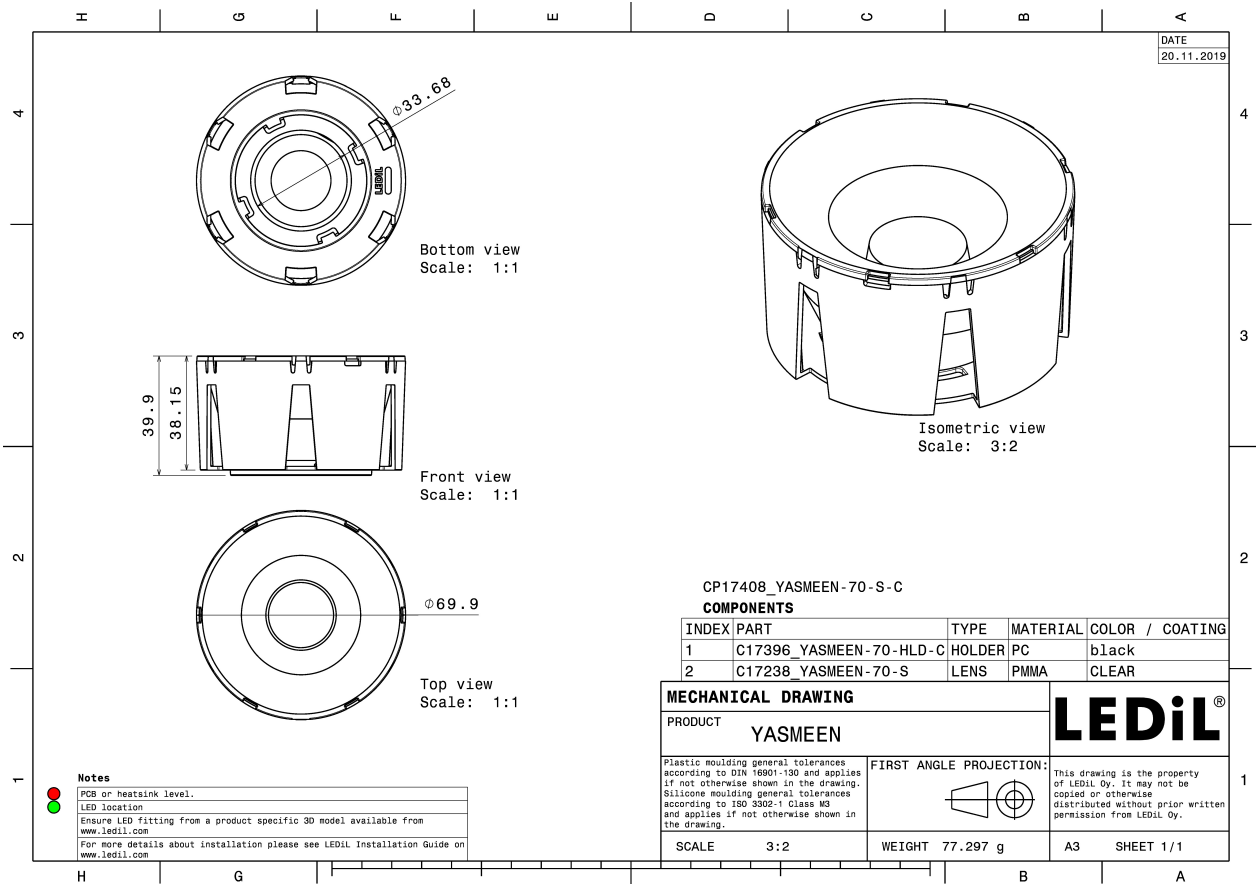


MATERIAL SPECIFICATIONS:

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	Single lens	105	105	15	9.8
» Box size: 476 x 273 x 305 mm					

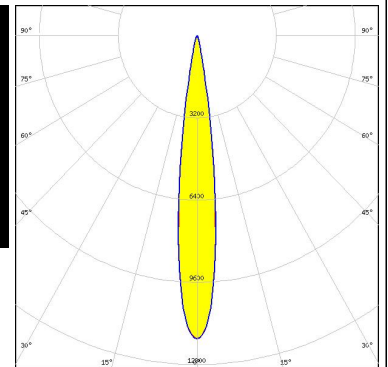


See also our general installation guide: www.ledil.com/installation_guide

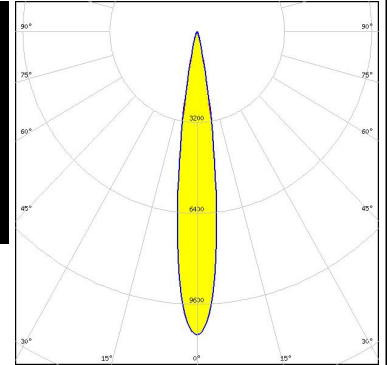
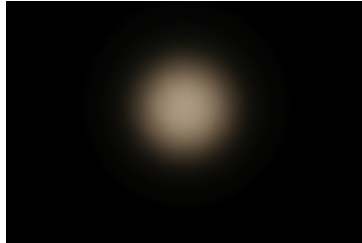
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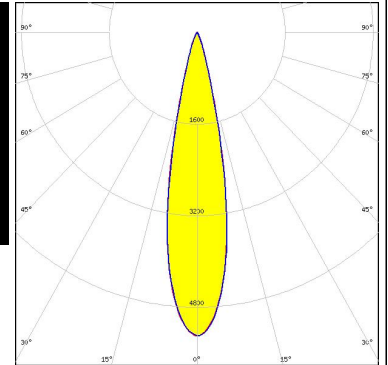
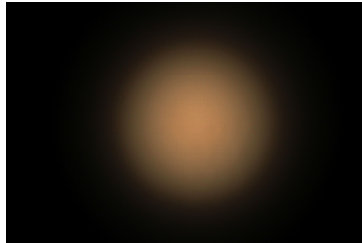
LED V9 HD
FWHM / FWTM 14.0° / 24.0°
Efficiency 87 %
Peak intensity 11.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I



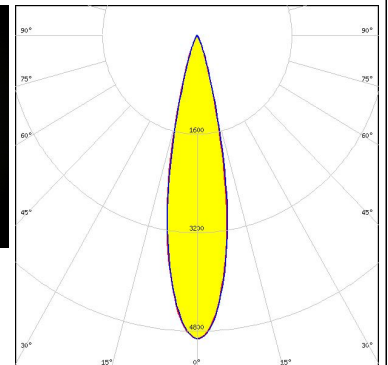
LED VERO10
FWHM / FWTM 14.0° / 25.0°
Efficiency 88 %
Peak intensity 10.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15616_HEKLA-SOCKET-F



LED Vesta DTW 13mm (21W)
FWHM / FWTM 22.0° / 37.0°
Efficiency 86 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
Bender Wirth: 632b Hekla XL



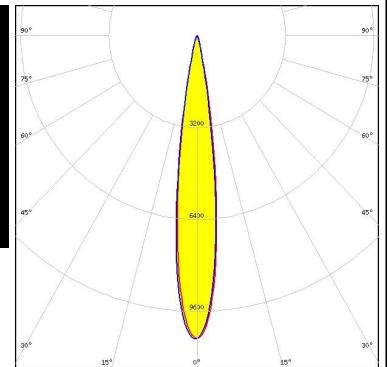
LED Vesta DTW 15mm (33W)
FWHM / FWTM 23.0° / 39.0°
Efficiency 86 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
Bender Wirth: 632b Hekla XL



PHOTOMETRIC DATA (MEASURED):

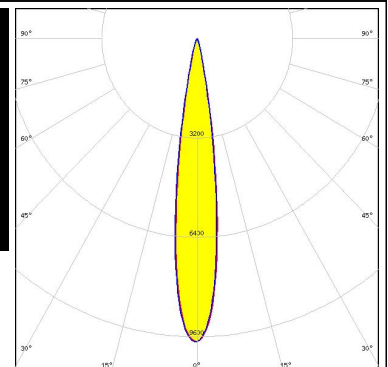
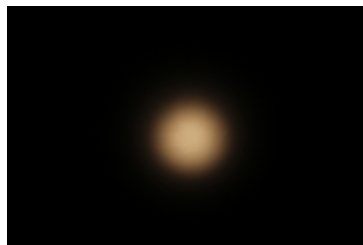


LED Vesta DTW 9mm (4W/6W/12W)
 FWHM / FWTM 15.0° / 26.0°
 Efficiency 88 %
 Peak intensity 10.6 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 Bender Wirth: 652b Hekla



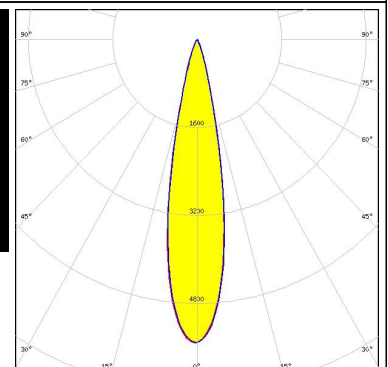
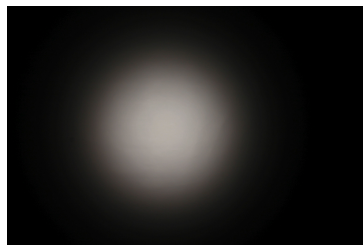
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 15.0° / 27.0°
 Efficiency 87 %
 Peak intensity 9.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C

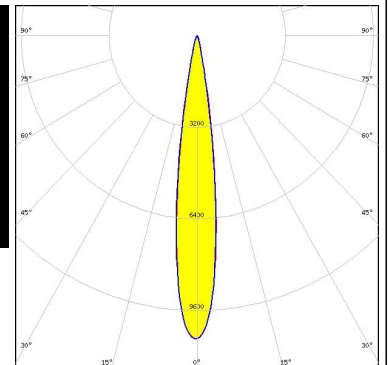


CITIZEN

LED CLL03x/CLU03x
 FWHM / FWTM 21.0° / 36.5°
 Efficiency 85 %
 Peak intensity 5.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



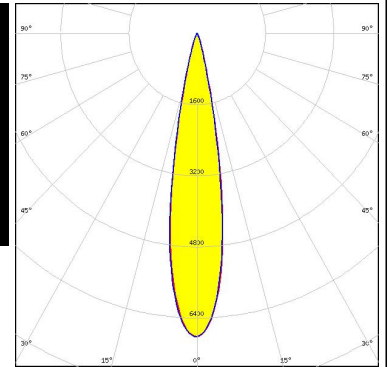
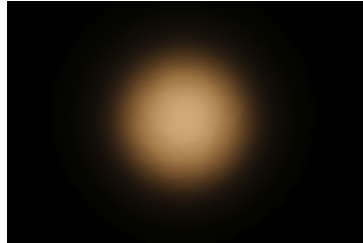
LED CMA1516
 FWHM / FWTM 14.0° / 25.0°
 Efficiency 87 %
 Peak intensity 10.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



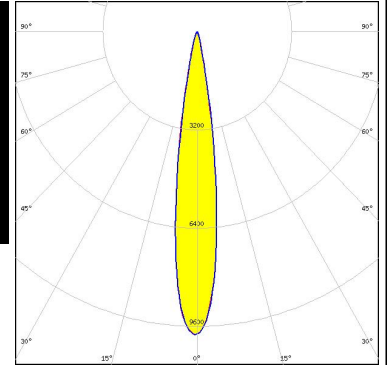
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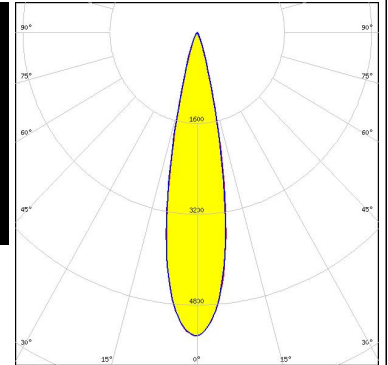
LED CMA1825
FWHM / FWTM 19.0° / 32.0°
Efficiency 87 %
Peak intensity 6.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15254_HEKLA-SOCKET-B



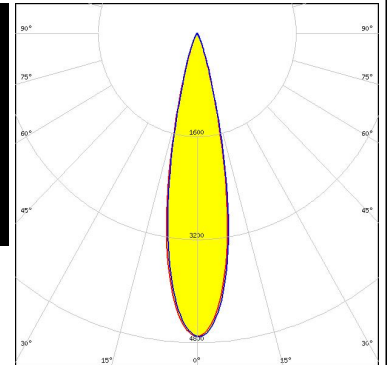
LED CMT14xx
FWHM / FWTM 15.0° / 26.0°
Efficiency 86 %
Peak intensity 9.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



LED CMT19xx
FWHM / FWTM 21.0° / 36.0°
Efficiency 85 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



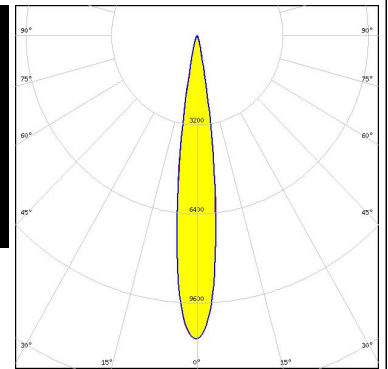
LED CMU15xx
FWHM / FWTM 23.0° / 39.0°
Efficiency 84 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



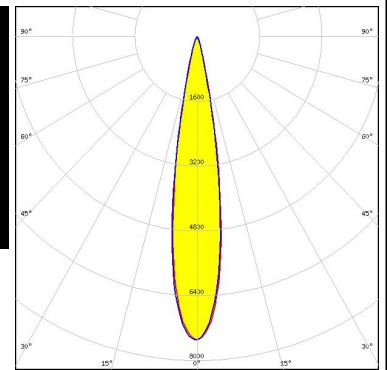
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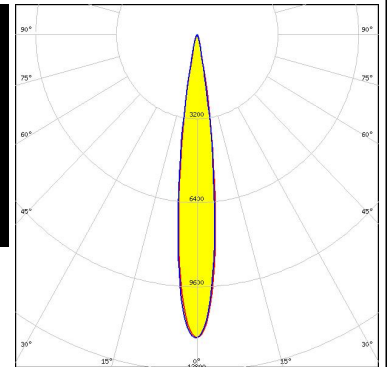
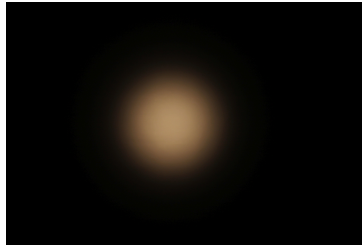
LED LUXEON CoB 1202/1203
 FWHM / FWTM 14.0° / 24.0°
 Efficiency 86 %
 Peak intensity 10.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



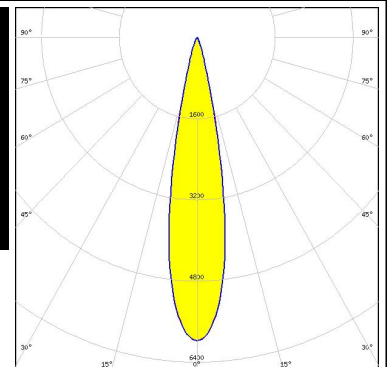
LED COB L-Type (LES 11)
 FWHM / FWTM 17.0° / 30.0°
 Efficiency 86 %
 Peak intensity 7.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



LED COB L-Type (LES 9)
 FWHM / FWTM 13.0° / 24.0°
 Efficiency 86 %
 Peak intensity 11.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



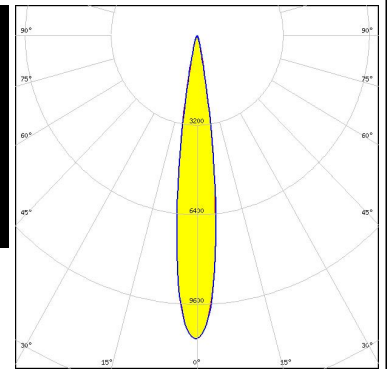
LED COB S-Type (LES 7)
 FWHM / FWTM 20.0° / 34.0°
 Efficiency 85 %
 Peak intensity 6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



PHOTOMETRIC DATA (MEASURED):

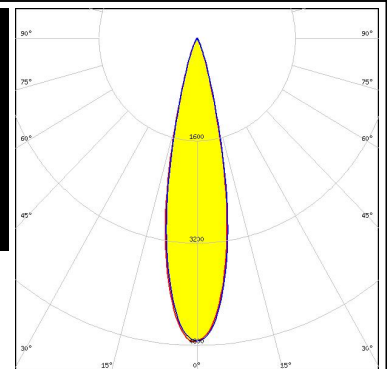
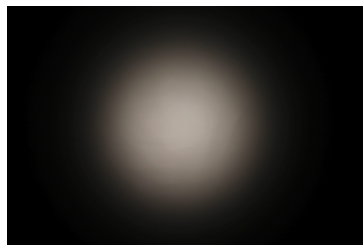
PHILIPS

LED Fortimo SLM L09 CoB
 FWHM / FWTM 14.0° / 25.0°
 Efficiency 86 %
 Peak intensity 10.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



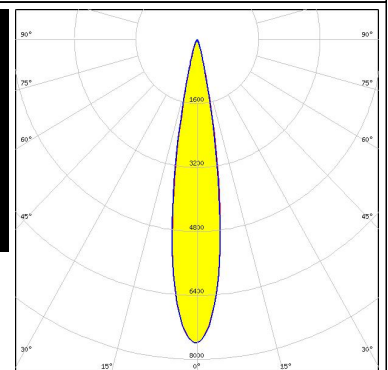
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 23.0° / 39.0°
 Efficiency 85 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



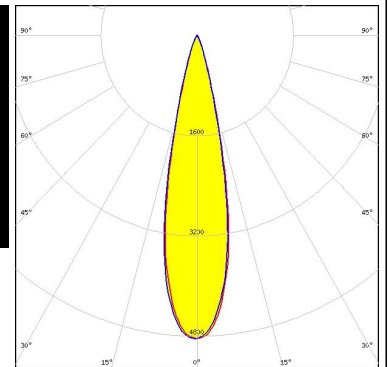
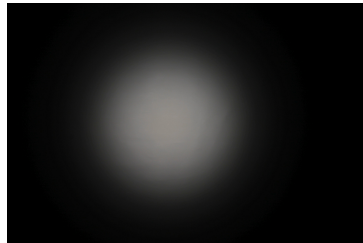
SAMSUNG

LED LC030C/040C G2
 FWHM / FWTM 17.0° / 30.0°
 Efficiency 86 %
 Peak intensity 7.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



SEOUL SEMICONDUCTOR

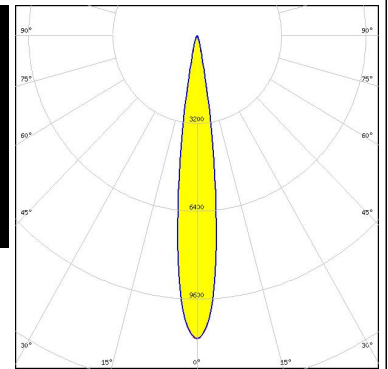
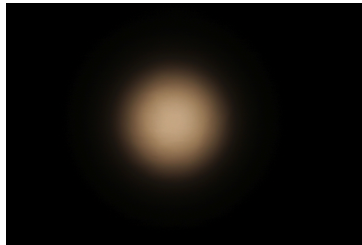
LED MJT COB LES 14.5
 FWHM / FWTM 23.0° / 38.0°
 Efficiency 85 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



PHOTOMETRIC DATA (MEASURED):

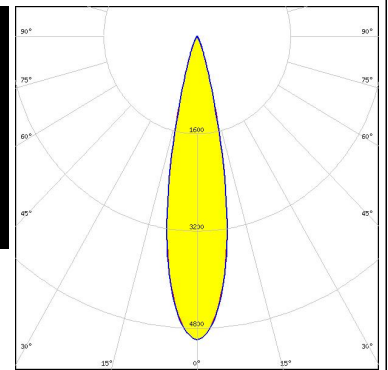
TRIDONIC

LED SLE G7 LES09
FWHM / FWTM 14.0° / 25.0°
Efficiency 87 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



TRIDONIC

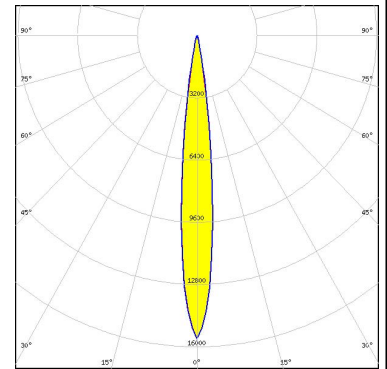
LED SLE G7 LES15
FWHM / FWTM 22.0° / 38.0°
Efficiency 85 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



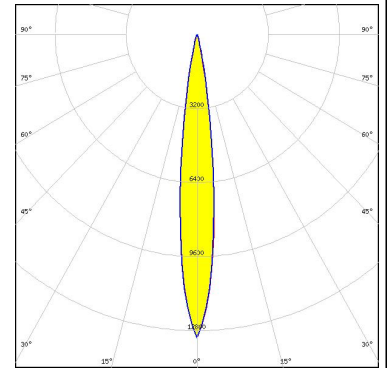
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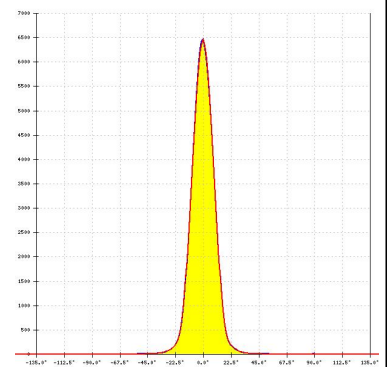
LED V6 HD
FWHM / FWTM 12.0° / 22.0°
Efficiency 89 %
Peak intensity 15.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



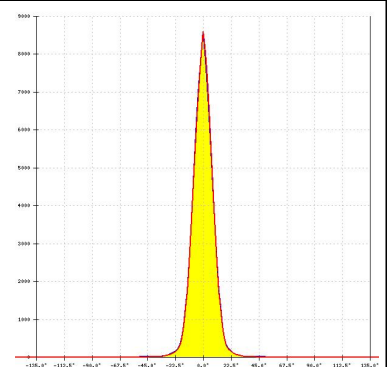
LED V8 Gen 8
FWHM / FWTM 14.0° / 24.0°
Efficiency 88 %
Peak intensity 13.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15253_HEKLA-SOCKET-A



LED Vesta TW 13mm (25W) CSP
FWHM / FWTM 20.0° / 34.0°
Efficiency 90 %
Peak intensity 6.5 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K



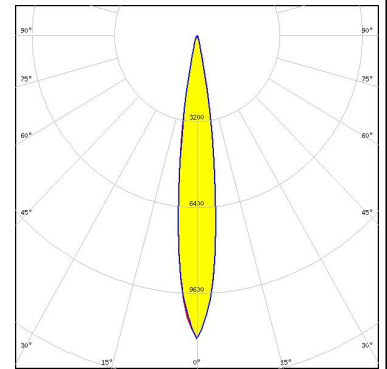
LED Vesta TW 9mm (12W) CSP
FWHM / FWTM 16.0° / 30.0°
Efficiency 90 %
Peak intensity 8.6 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K



PHOTOMETRIC DATA (SIMULATED):

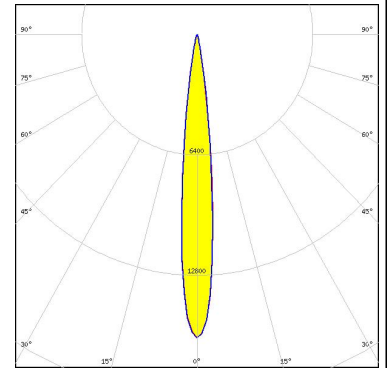
CITIZEN

LED CLU712
FWHM / FWTM 14.0° / 26.0°
Efficiency 87 %
Peak intensity 11.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



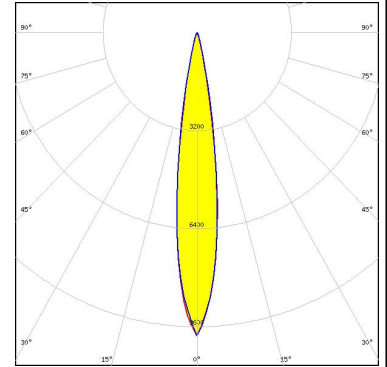
CREE LED

LED CMA1306
FWHM / FWTM 12.0° / 22.0°
Efficiency 88 %
Peak intensity 16.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



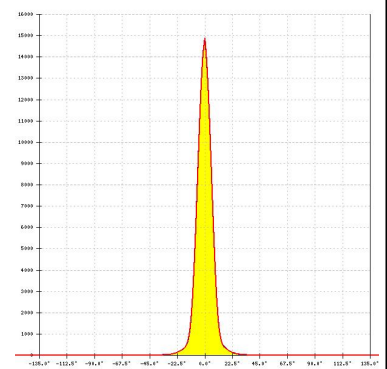
CREE LED

LED CMU10xx
FWHM / FWTM 16.0° / 28.0°
Efficiency 88 %
Peak intensity 9.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



CREE LED

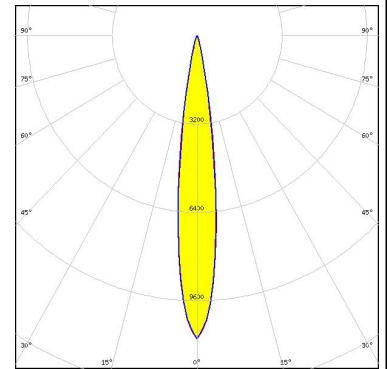
LED CXA/B 13xx
FWHM / FWTM 12.0° / 22.0°
Efficiency 88 %
Peak intensity 14.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17439_HEKLA-G2-J



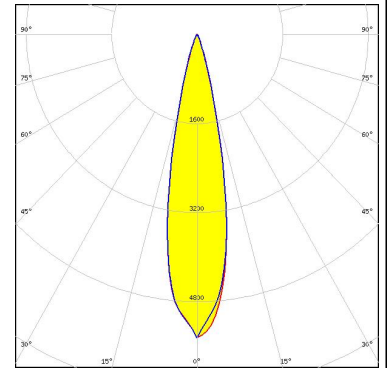
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LED CXA/B 15xx
FWHM / FWTM 14.0° / 26.0°
Efficiency 87 %
Peak intensity 11 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17436_HEKLA-G2-D

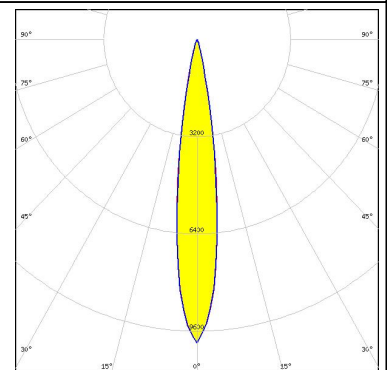


LED CXA/B 1830
FWHM / FWTM 22.0° / 36.0°
Efficiency 87 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 637b Hekla



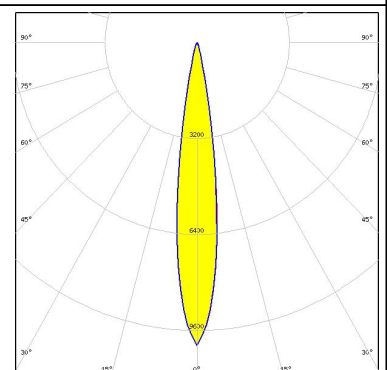
PHILIPS

LED Fortimo SLM L09 CoB
FWHM / FWTM 16.0° / 28.0°
Efficiency 88 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



PHILIPS

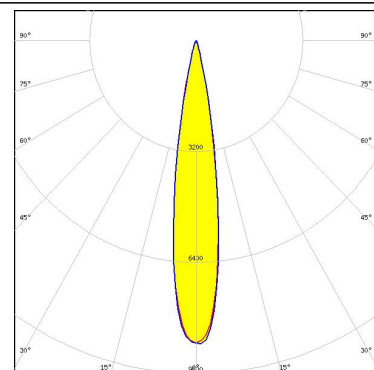
LED Fortimo SLM L13 CoB
FWHM / FWTM 16.0° / 28.0°
Efficiency 87 %
Peak intensity 10.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 632a Hekla XL



PHOTOMETRIC DATA (SIMULATED):

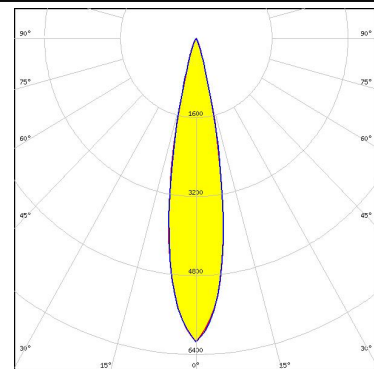
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 87 %
 Peak intensity 8.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



TRIDONIC

LED SLE G7 LES13
 FWHM / FWTM 20.0° / 34.0°
 Efficiency 87 %
 Peak intensity 6.1 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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LEDiL Oy

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P.R.CHINA

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Hong Kong, China

Distribution Partners

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