

AMY-70-O-C

~25 + 60° oval beam. Assembly with holder C compatible with LEDiL HEKLA. Black version.

SPECIFICATION:

Dimensions	Ø 69.9 mm
Height	16.8 mm
ROHS compliant	yes ⓘ

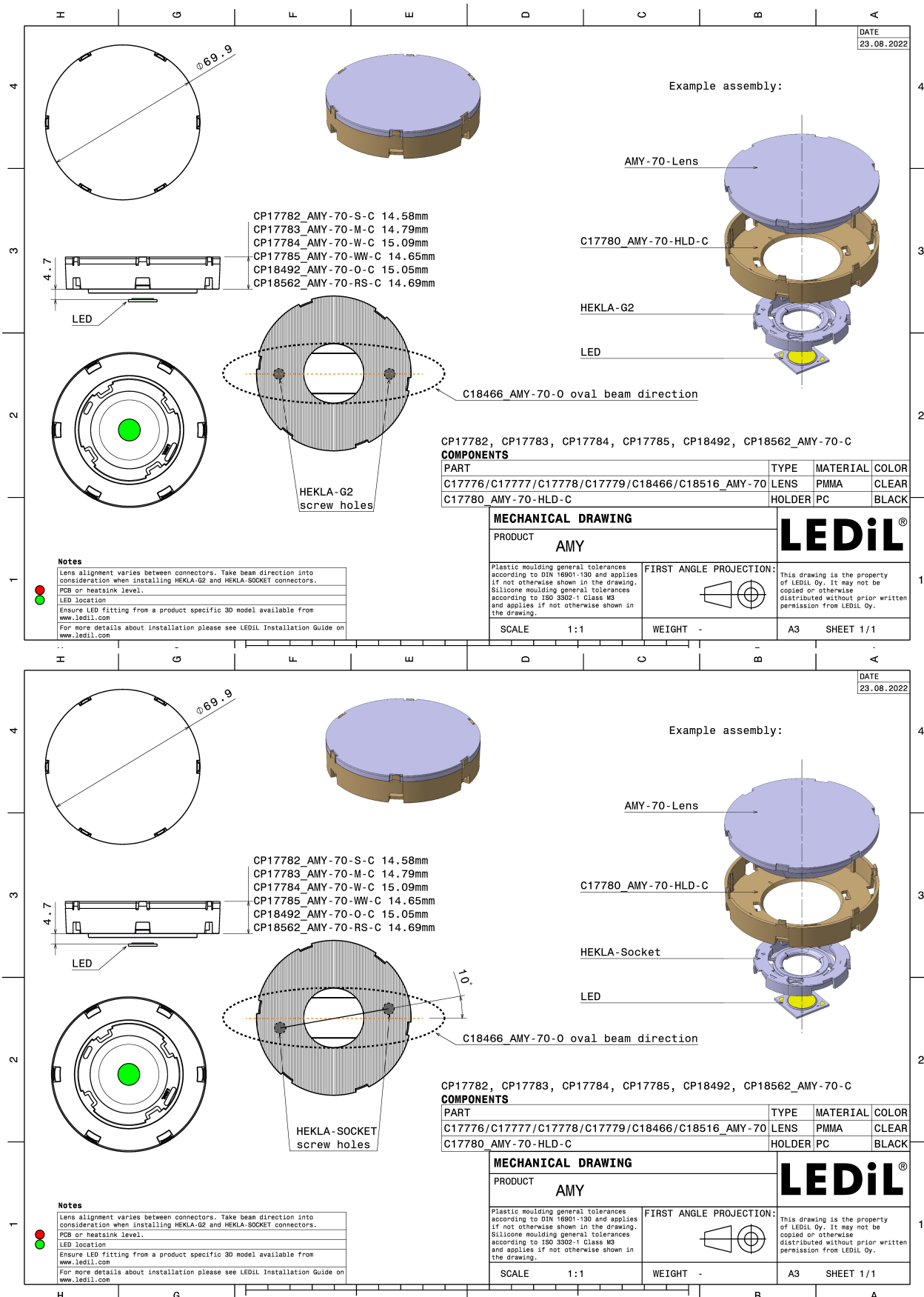
MATERIALS:

Component	Type	Material	Colour	Finish
AMY-70-O	Single lens	PMMA		
AMY-70-HLD-C	Holder	PC		



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP18492_AMY-70-O-C » Box size: 480 x 280 x 300 mm	210	210	15	9.2

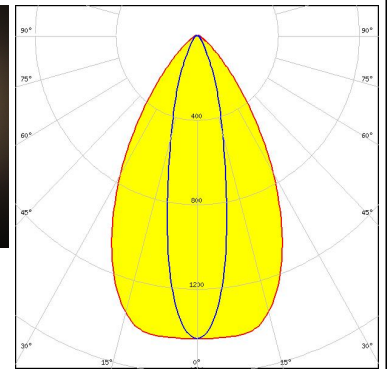
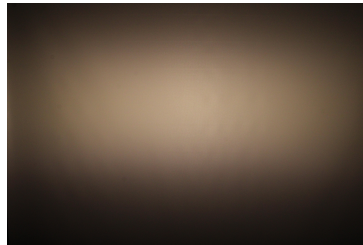


See also our general installation guide: www.ledil.com/installation_guide

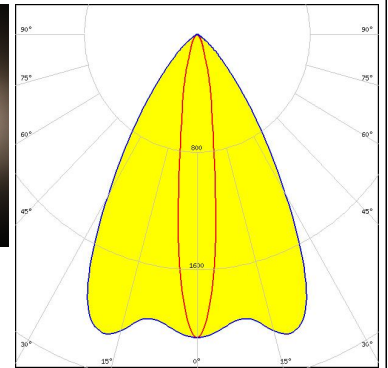
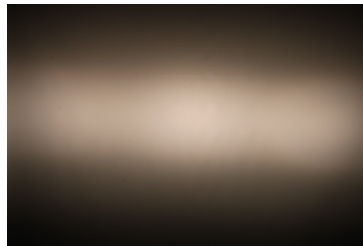
OPTICAL RESULTS (MEASURED):



LED V13 Gen 8
FWHM / FWTM 60.0 + 23.0° / 96.0 + 53.0°
Efficiency 85 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I

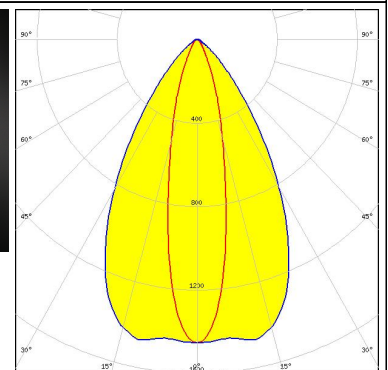
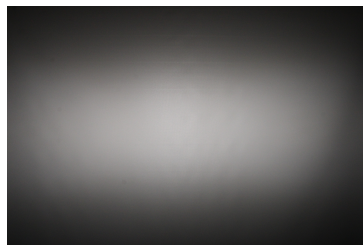


LED V9 HD Gen7
FWHM / FWTM 15.0 + 62.0° / 38.0 + 93.0°
Efficiency 87 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I



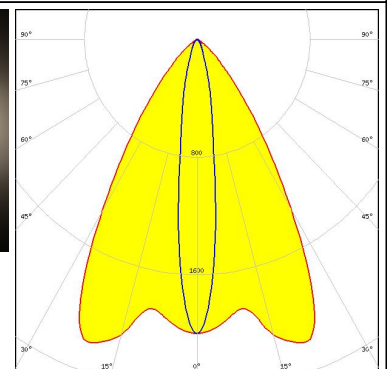
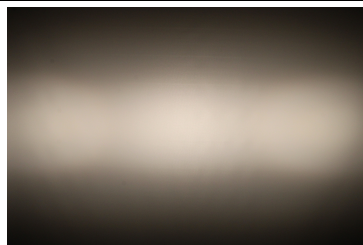
CITIZEN

LED CLL03x/CLU03x
FWHM / FWTM 23.0 + 63.0° / 52.0 + 97.0°
Efficiency 86 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



CITIZEN

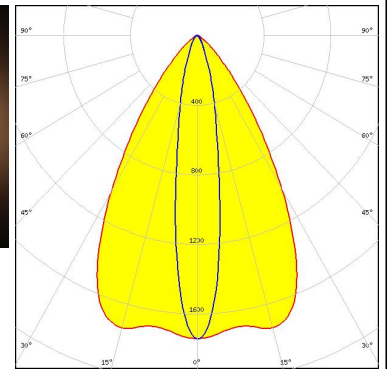
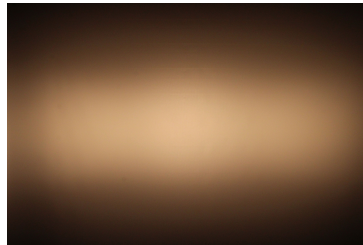
LED CLU712/713
FWHM / FWTM 64.0 + 15.0° / 94.0 + 38.0°
Efficiency 87 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



OPTICAL RESULTS (MEASURED):

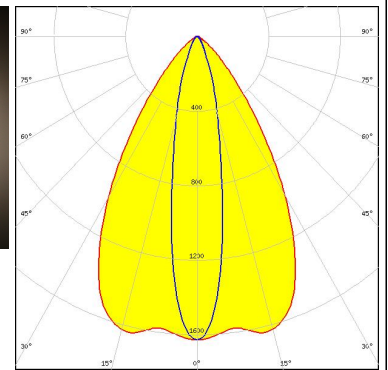
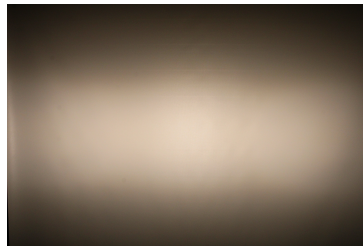
CITIZEN

LED CLU720/721/723
 FWHM / FWTM 63.0 + 18.0° / 94.0 + 43.0°
 Efficiency 83 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



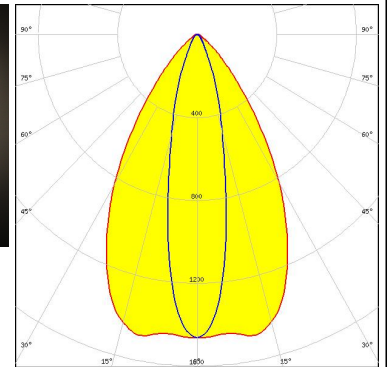
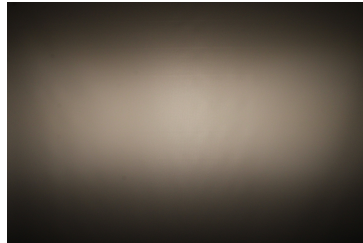
CREE LED

LED CMA1825
 FWHM / FWTM 65.0 + 20.0° / 97.0 + 47.0°
 Efficiency 87 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15254_HEKLA-SOCKET-B



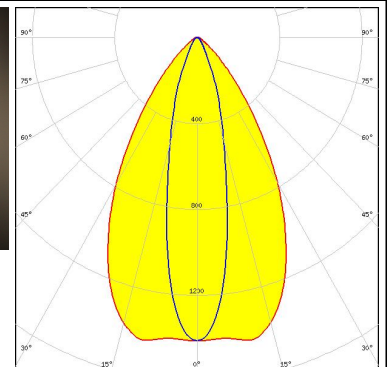
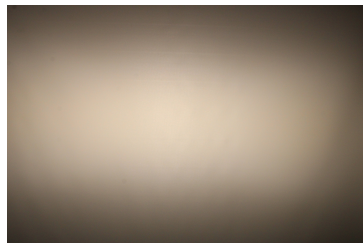
CREE LED

LED CMT19xx
 FWHM / FWTM 63.0 + 23.0° / 97.0 + 52.0°
 Efficiency 86 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



CREE LED

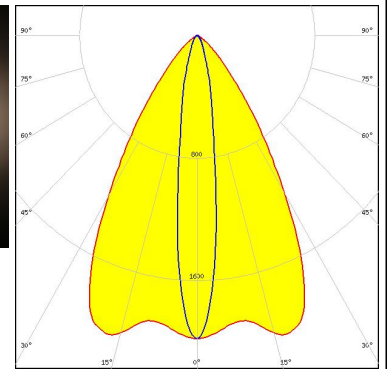
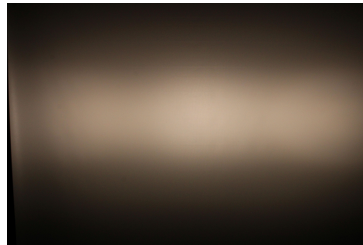
LED CMU15xx
 FWHM / FWTM 63.0 + 23.0° / 97.0 + 53.0°
 Efficiency 85 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



OPTICAL RESULTS (MEASURED):

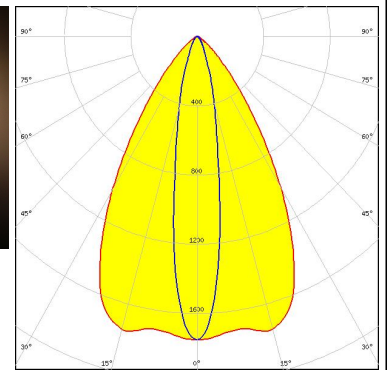
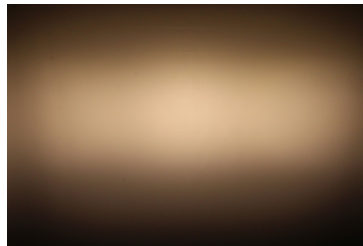
LUMILEDS

LED LUXEON CoB 1204HD
FWHM / FWTM 63.0 + 15.0° / 93.0 + 39.0°
Efficiency 85 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17437_HEKLA-G2-H



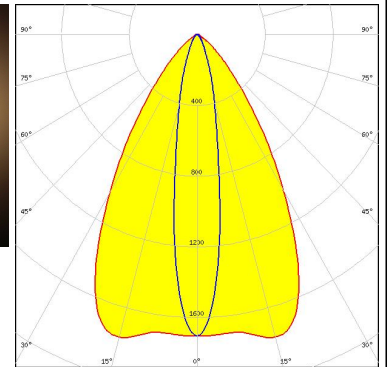
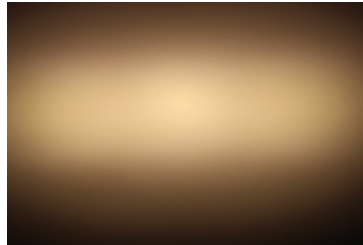
LUMILEDS

LED LUXEON CoB 1205HD
FWHM / FWTM 62.0 + 18.0° / 94.0 + 44.0°
Efficiency 85 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17437_HEKLA-G2-H



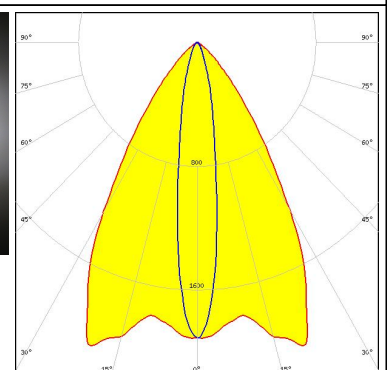
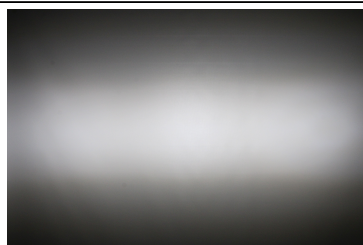
NICHIA

LED COB L-Type (LES 11)
FWHM / FWTM 63.0 + 18.0° / 97.0 + 45.0°
Efficiency 87 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15858_HEKLA-SOCKET-H



SAMSUNG

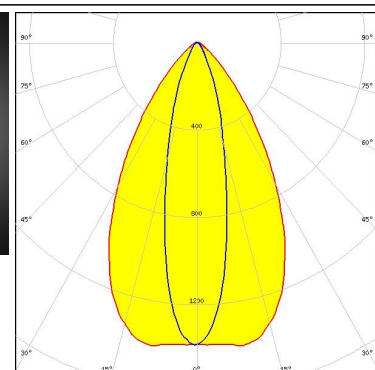
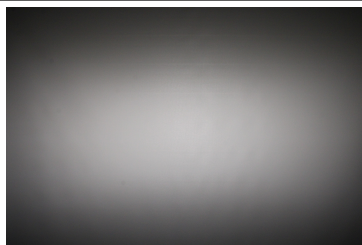
LED LC003D / LC006D / LC009D / LC013D
FWHM / FWTM 63.0 + 16.0° / 93.0 + 40.0°
Efficiency 86 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



OPTICAL RESULTS (MEASURED):

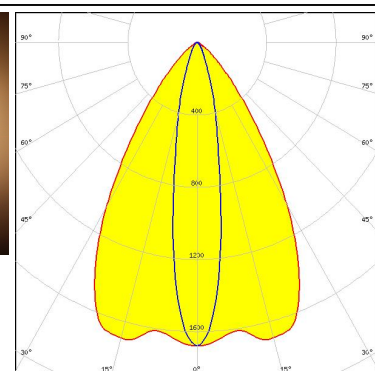
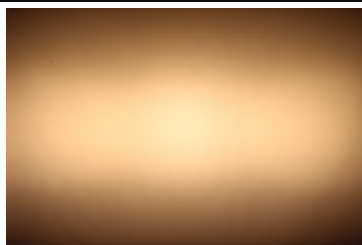
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
FWHM / FWTM 62.0 + 24.0° / 98.0 + 54.0°
Efficiency 85 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



SAMSUNG

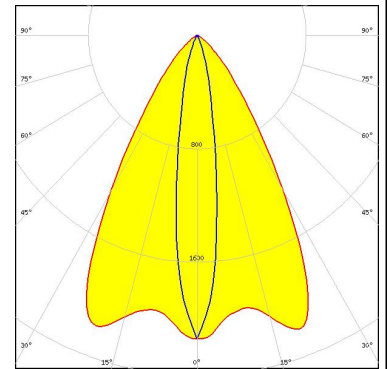
LED LC030C/040C G2
FWHM / FWTM 65.0 + 19.0° / 96.0 + 45.0°
Efficiency 85 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



OPTICAL RESULTS (SIMULATED):

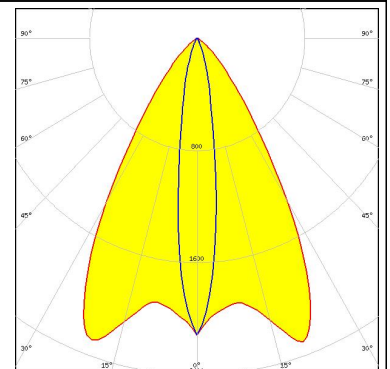


LED V10 Gen 8
 FWHM / FWTM 62.0 + 16.0° / 94.0 + 37.0°
 Efficiency 88 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



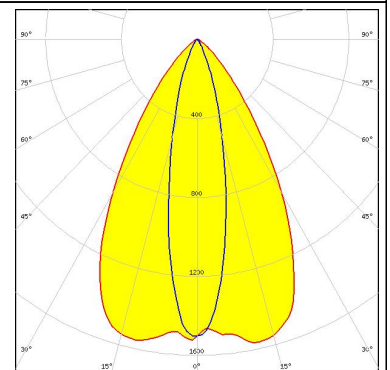
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 62.0 + 16.0° / 92.0 + 36.0°
 Efficiency 86 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



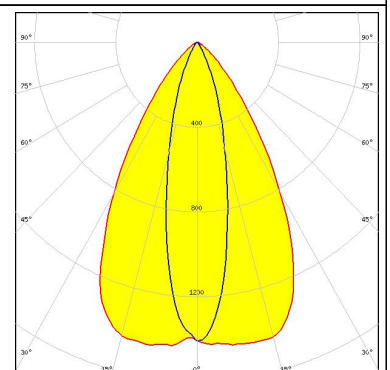
PHILIPS

LED Fortimo SLM L15 CoB
 FWHM / FWTM 63.0 + 23.0° / 95.0 + 48.0°
 Efficiency 84 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 632a Hekla XL



SAMSUNG

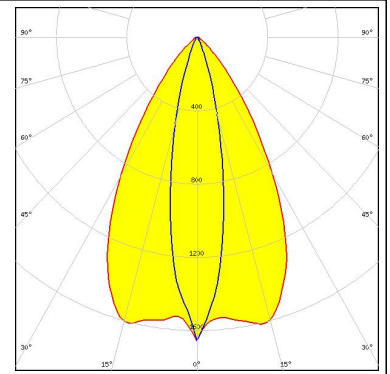
LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 64.0 + 24.0° / 96.0 + 53.0°
 Efficiency 84 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



OPTICAL RESULTS (SIMULATED):

XICATO

LED	XOB 14.5 mm
Assembly	NULL
FWHM / FWTM	61.0 + 21.0° / 92.0 + 42.0°
Efficiency	80 %
Peak intensity	1.7 cd/Im
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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Hong Kong, China

Distribution Partners

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