

AMY-70-W-C

~36° wide beam. Assembly with holder C compatible with LEDiL HEKLA. Black version.

SPECIFICATION:

Dimensions	Ø 69.9 mm
Height	16.9 mm
Fastening	socket
ROHS compliant	yes ⓘ

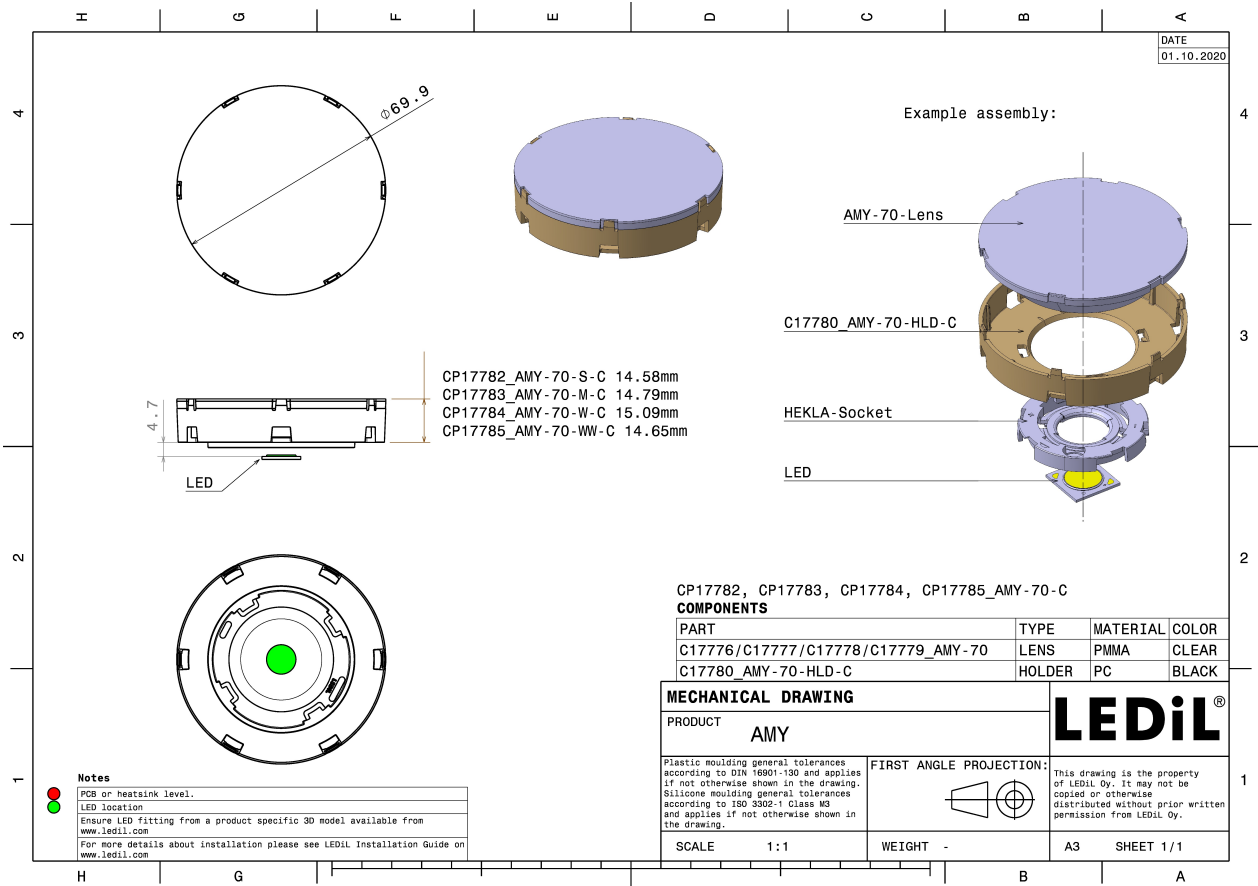
MATERIALS:

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

ORDERING INFORMATION:



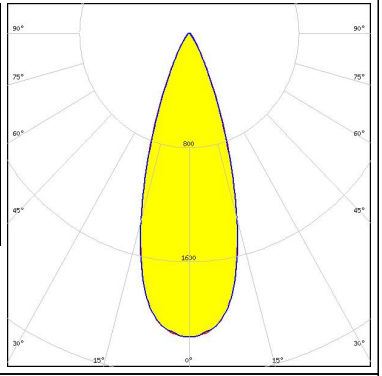


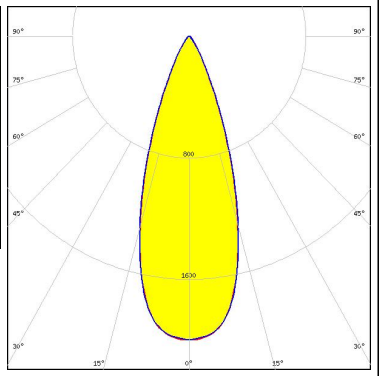


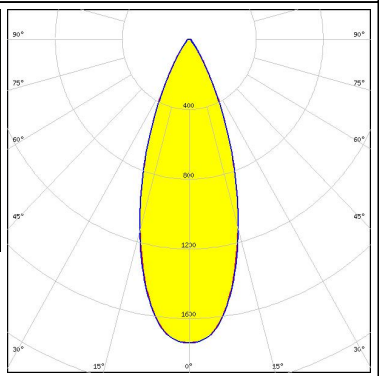


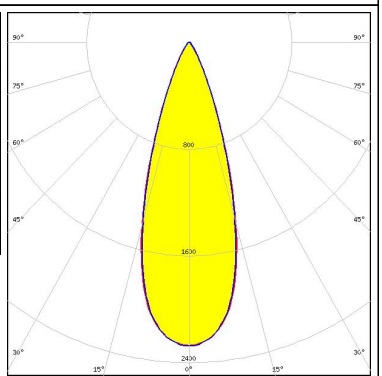
Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP17784_AMY-70-W-C » Box size: 480 x 280 x 300 mm	210	210	15	8.4





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

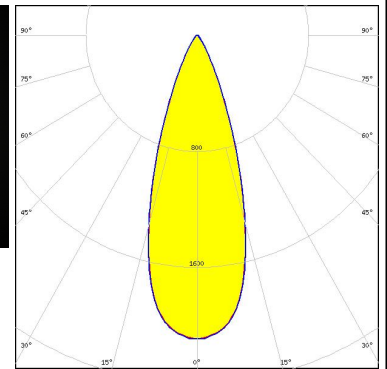
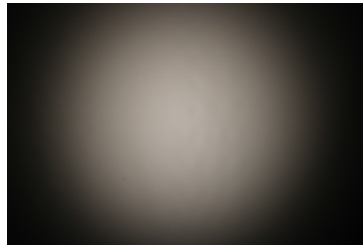
OPTICAL RESULTS (MEASURED):

<p></p> <p>LED V10 Gen 8 FWHM / FWTM 35.0° / 59.0° Efficiency 90 % Peak intensity 2.1 cd/lm LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C</p>		
<p></p> <p>LED V11 HD Gen 8 FWHM / FWTM 36.0° / 60.0° Efficiency 88 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 633d Hekla</p>		
<p></p> <p>LED V13 Gen 8 FWHM / FWTM 38.0° / 66.0° Efficiency 87 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I</p>		
<p></p> <p>LED V8 Gen 8 FWHM / FWTM 34.0° / 58.0° Efficiency 91 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components: F15253_HEKLA-SOCKET-A</p>		

OPTICAL RESULTS (MEASURED):

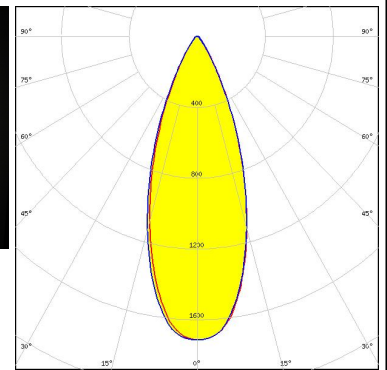
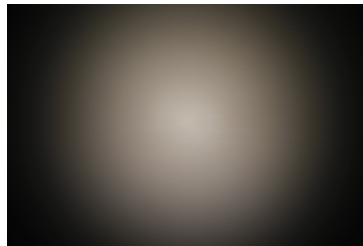
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 35.0° / 59.0°
 Efficiency 88 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



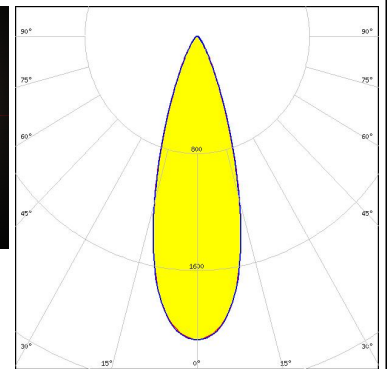
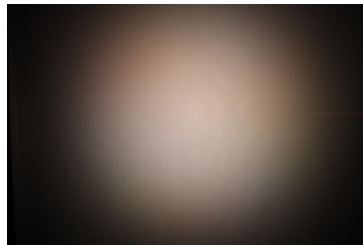
CREE LED

LED CMU15xx
 FWHM / FWTM 38.0° / 66.0°
 Efficiency 86 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



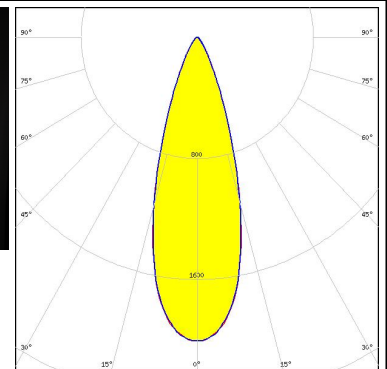
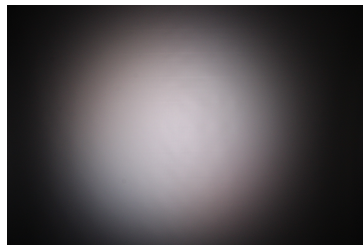
LUMILEDS

LED LUXEON Fusion 12-up (20x24)
 FWHM / FWTM 33.0° / 58.0°
 Efficiency 82 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 12
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS
 Bender Wirth: 442 Typ L8


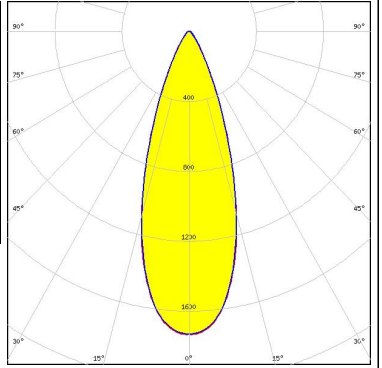
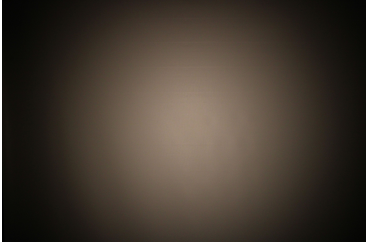
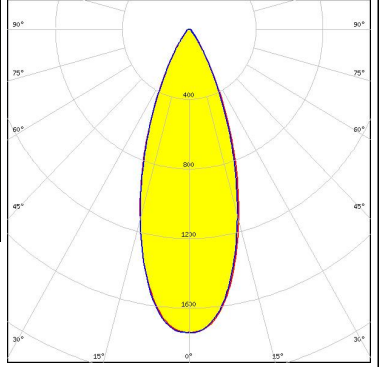


LUMILEDS


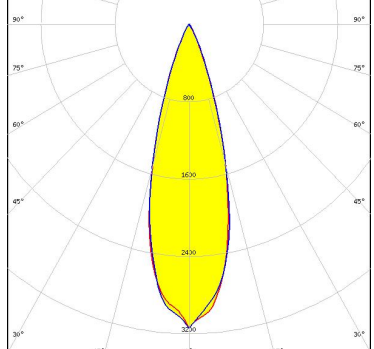

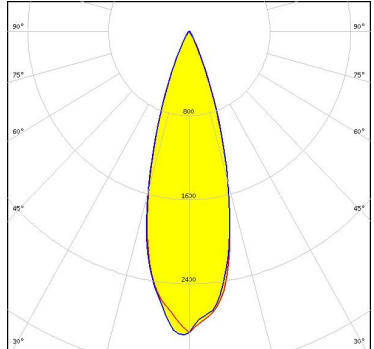

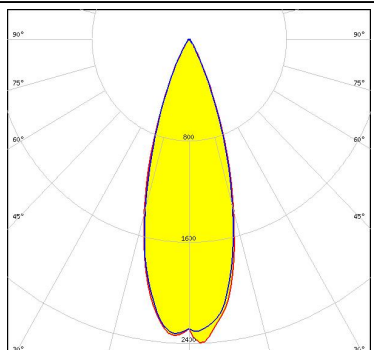
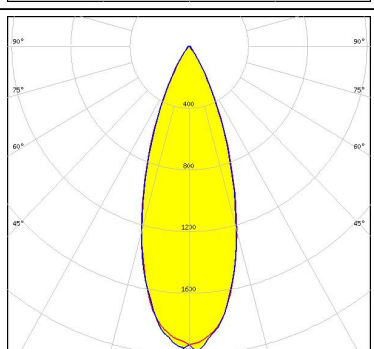
LED LUXEON Fusion 21-up (20x24)
 FWHM / FWTM 33.0° / 59.0°
 Efficiency 81 %
 Peak intensity 2 cd/lm
 LEDs/each optic 21
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS
 Bender Wirth: 442 Typ L8



OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON Fusion 27-up (20x24)</p> <p>FWHM / FWTM 36.0° / 63.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 1.7 cd/lm</p> <p>LEDs/each optic 27</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K F18158_HEKLA-RZ-LENS Bender Wirth: 442 Typ L8</p>		
<p>SAMSUNG</p> <p>LED LC016D / LC019D / LC026D / LC033D</p> <p>FWHM / FWTM 38.0° / 66.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 1.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15859_HEKLA-SOCKET-I</p>		

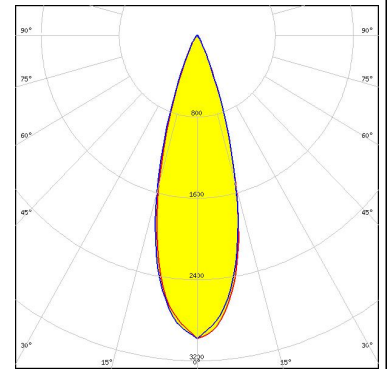
OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED V8 Gen7</p> <p>FWHM / FWTM 30.0° / 50.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 3.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15253_HEKLA-SOCKET-A</p>	
<p></p> <p>LED VERO10</p> <p>FWHM / FWTM 31.0° / 52.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 2.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15616_HEKLA-SOCKET-F</p>	
<p></p> <p>LED VERO13</p> <p>FWHM / FWTM 34.0° / 56.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 2.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>	
<p>CITIZEN</p> <p>LED CLL03x/CLU03x</p> <p>FWHM / FWTM 36.0° / 64.0 + 63.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15859_HEKLA-SOCKET-I</p>	

OPTICAL RESULTS (SIMULATED):

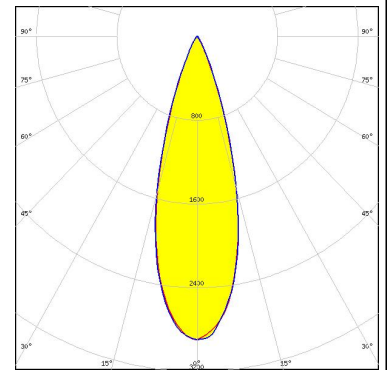
CITIZEN

LED CLU700/701/702/703
 FWHM / FWTM 30.0 + 31.0° / 50.0°
 Efficiency 91 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C

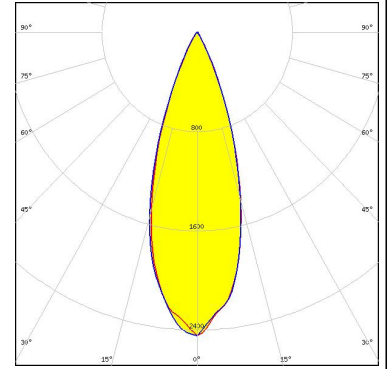


CITIZEN

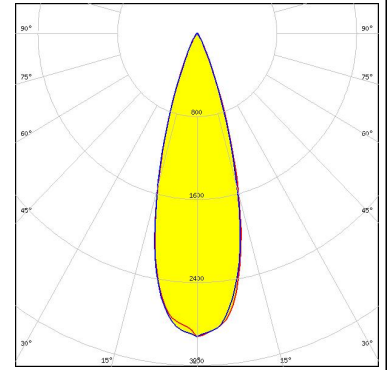
LED CLU700/701/702/703
 FWHM / FWTM 30.0 + 31.0° / 52.0°
 Efficiency 90 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



LED CMA1825
 FWHM / FWTM 35.0° / 56.0°
 Efficiency 89 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15254_HEKLA-SOCKET-B



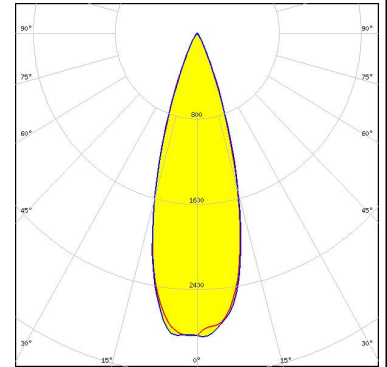
LED CMT14xx
 FWHM / FWTM 31.0° / 50.0°
 Efficiency 89 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



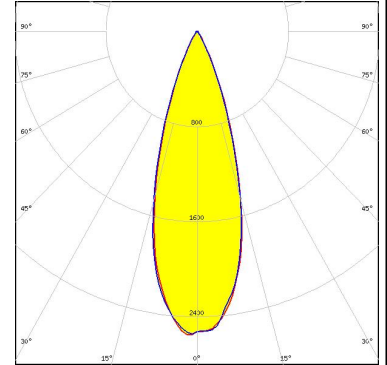
OPTICAL RESULTS (SIMULATED):



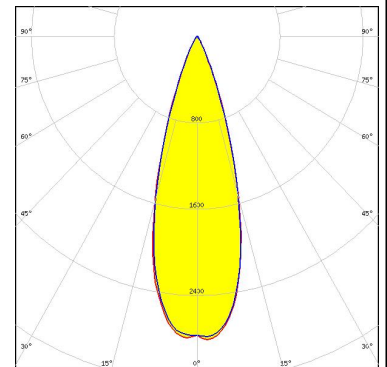
LED CMU10xx
 FWHM / FWTM 32.0° / 50.0°
 Efficiency 90 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



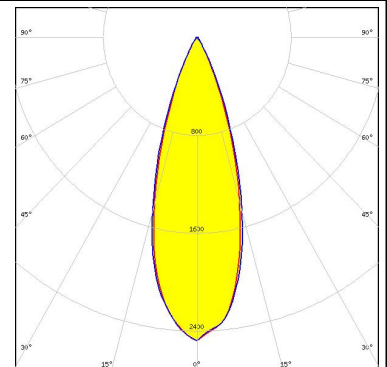
LED CXA/B 15xx
 FWHM / FWTM 33.0 + 32.0° / 54.0 + 55.0°
 Efficiency 88 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15256_HEKLA-SOCKET-D



LED LUXEON CX Plus CoB - HD S04H9
 FWHM / FWTM 32.0° / 51.0°
 Efficiency 89 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



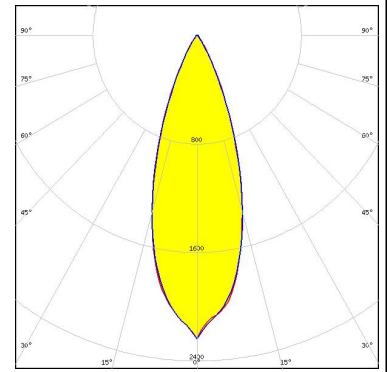
LED COB L-Type (LES 11)
 FWHM / FWTM 33.0° / 56.0°
 Efficiency 89 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



OPTICAL RESULTS (SIMULATED):

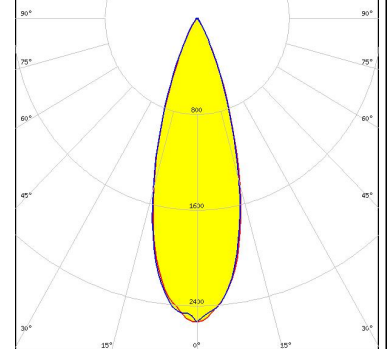
PHILIPS

LED Fortimo SLM L15 CoB
 FWHM / FWTM 34.0° / 60.0°
 Efficiency 89 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 632a Hekla XL



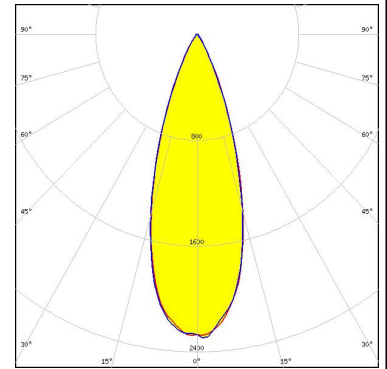
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 32.0 + 33.0° / 56.0°
 Efficiency 90 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



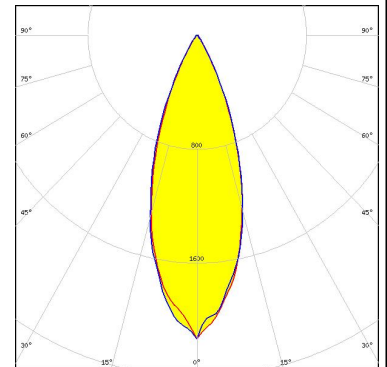
SAMSUNG

LED LC020T (Tunable white)
 FWHM / FWTM 34.0° / 58.0°
 Efficiency 89 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



SEOUL SEMICONDUCTOR

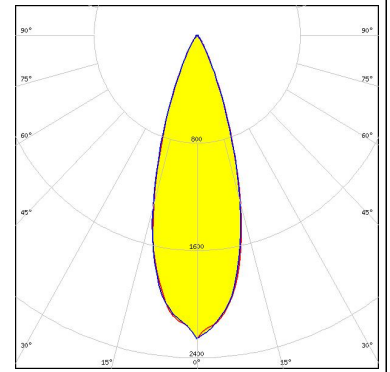
LED MJT COB LES 14.5
 FWHM / FWTM 36.0° / 61.0°
 Efficiency 88 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



OPTICAL RESULTS (SIMULATED):

XICATO

LED	XOB 14.5 mm
FWHM / FWTM	33.0° / 56.0°
Efficiency	81 %
Peak intensity	2.3 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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