

YASMEEN-70-W-C

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

SPECIFICATION:

Dimensions	Ø 69.9 mm
Height	39.9 mm
ROHS compliant	yes ⓘ

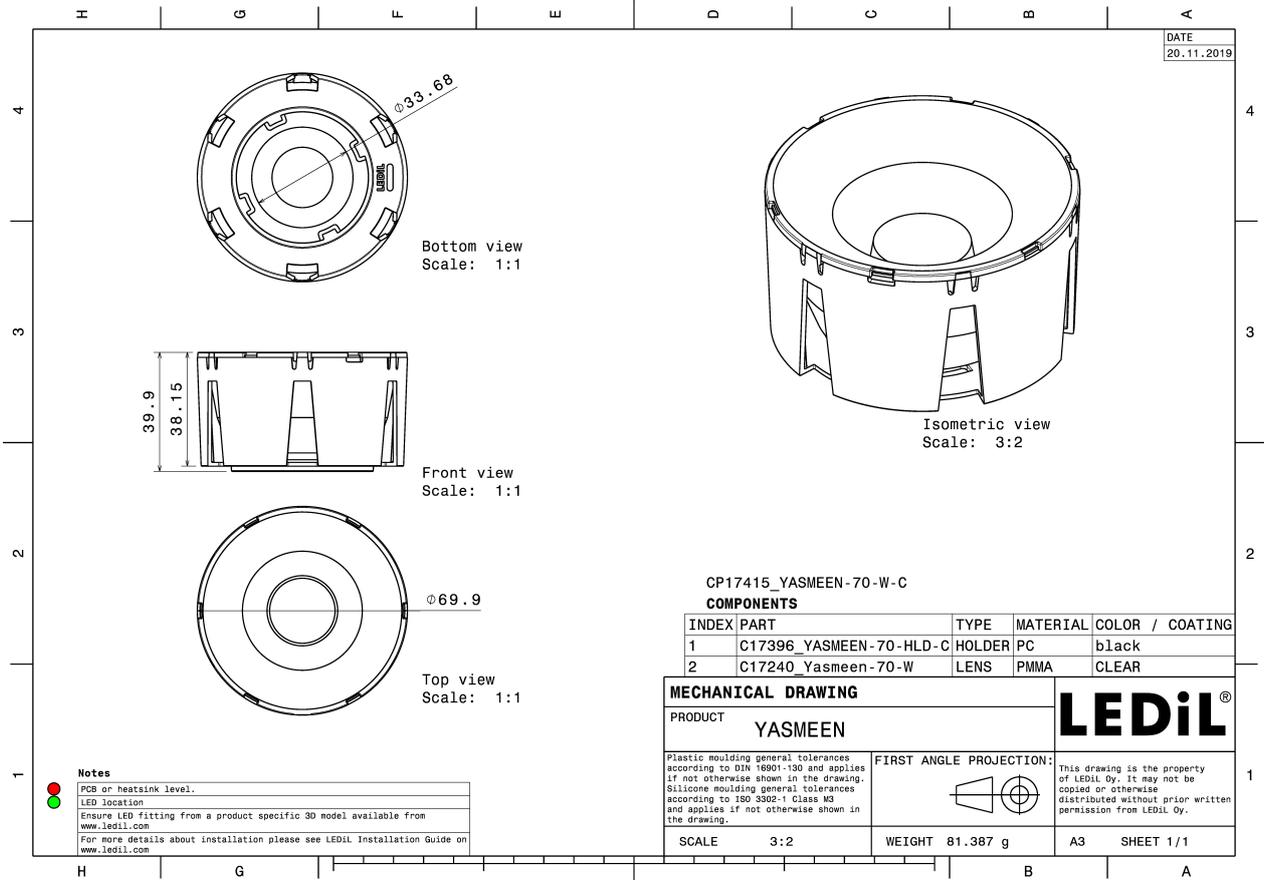


MATERIALS:

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

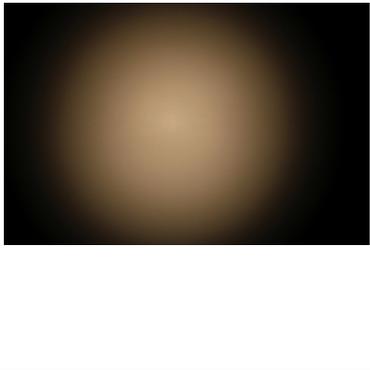
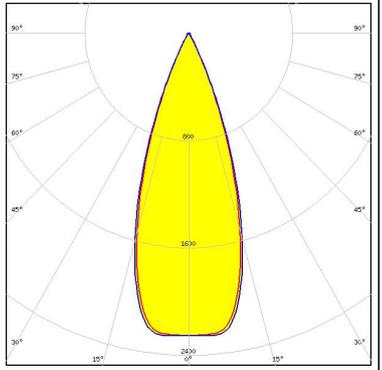
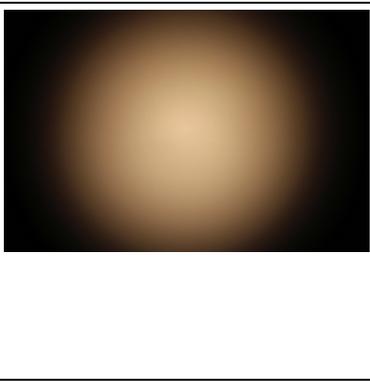
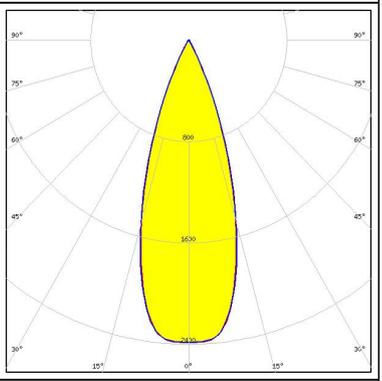
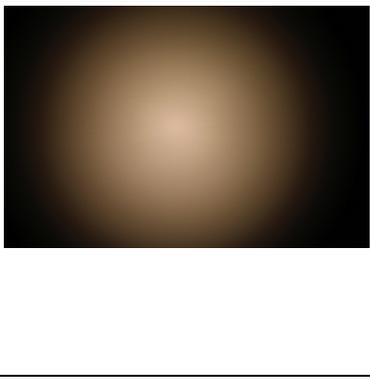
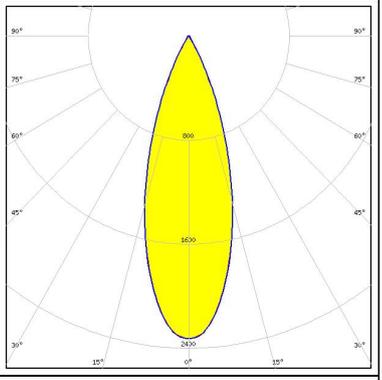
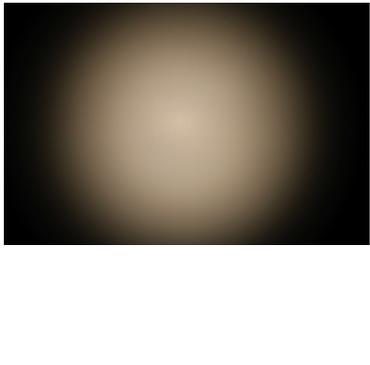
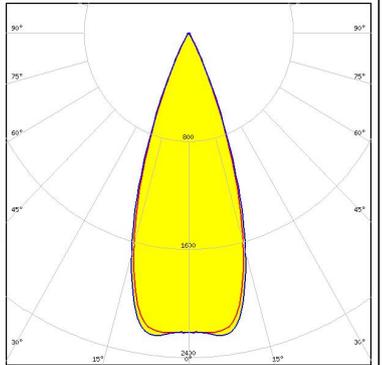
ORDERING INFORMATION:

Component	Type	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	10.0

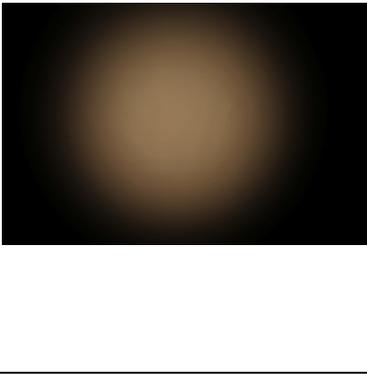
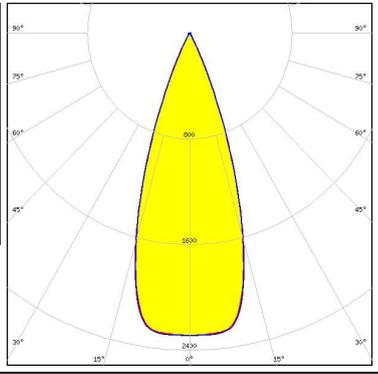
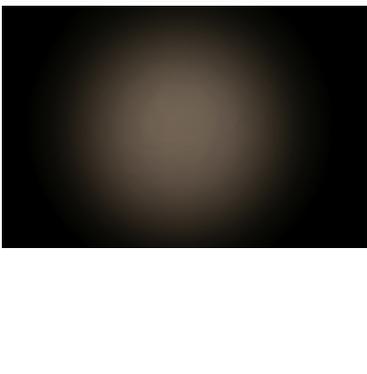
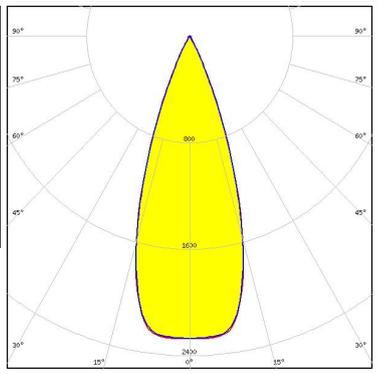
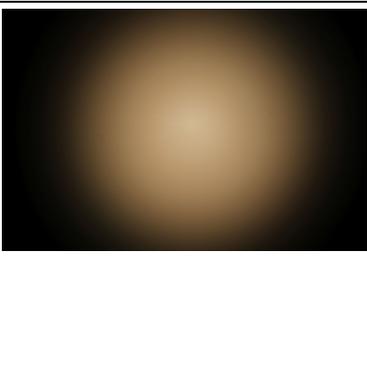
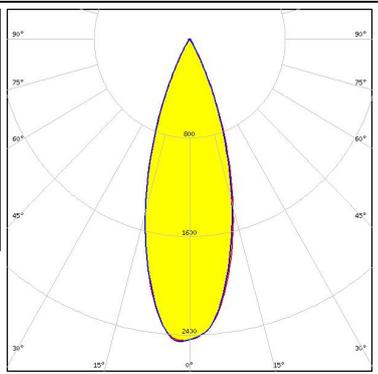
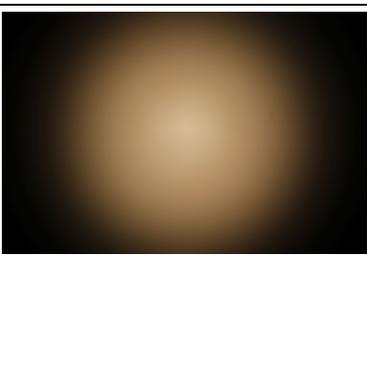
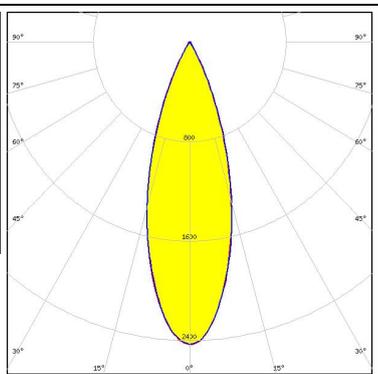


See also our general installation guide: www.ledil.com/installation_guide

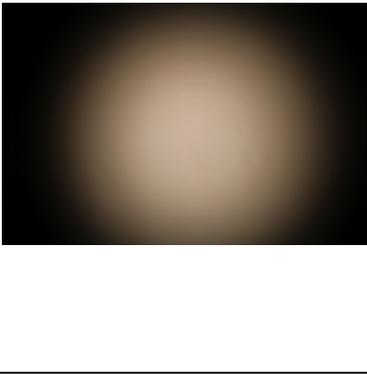
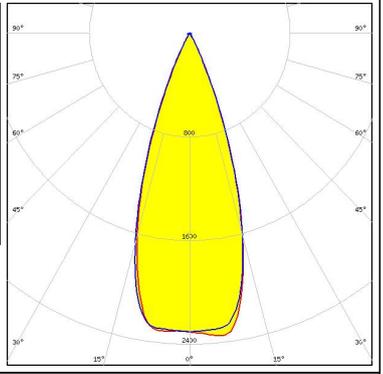
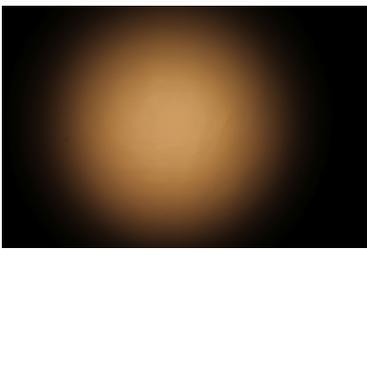
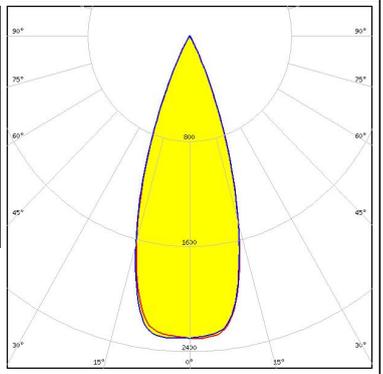
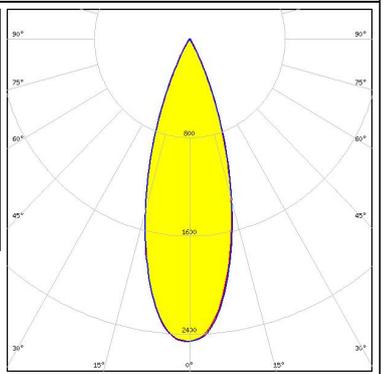
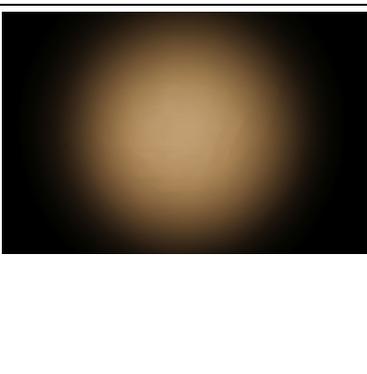
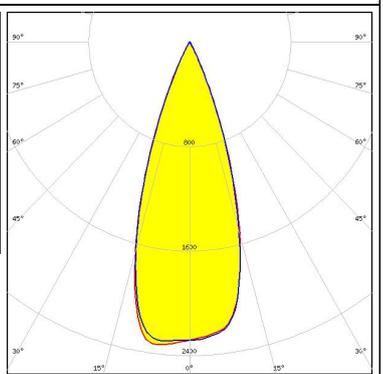
OPTICAL RESULTS (MEASURED):

<p>bridgelux.</p> <p>LED V10 Gen 8</p> <p>FWHM / FWTM 37.0° / 54.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 2.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15255_HEKLA-SOCKET-C</p>		
<p>bridgelux.</p> <p>LED V11 HD Gen 8</p> <p>FWHM / FWTM 35.0° / 53.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 2.4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 633d Hekla</p>		
<p>bridgelux.</p> <p>LED V13 Gen 8</p> <p>FWHM / FWTM 34.0° / 57.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 2.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15859_HEKLA-SOCKET-I</p>		
<p>bridgelux.</p> <p>LED V8 Gen 8</p> <p>FWHM / FWTM 37.0° / 54.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 2.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15253_HEKLA-SOCKET-A</p>		

OPTICAL RESULTS (MEASURED):

<p></p> <p>LED V9 HD Gen7 FWHM / FWTM 36.0° / 51.0° Efficiency 84 % Peak intensity 2.3 cd/m LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I</p>		
<p></p> <p>LED VERO10 FWHM / FWTM 37.0° / 53.0° Efficiency 85 % Peak intensity 2.3 cd/m LEDs/each optic 1 Light colour White Required components: F15616_HEKLA-SOCKET-F</p>		
<p></p> <p>LED Vesta DTW 13mm (21W) FWHM / FWTM 34.0° / 55.0° Efficiency 85 % Peak intensity 2.5 cd/m LEDs/each optic 1 Light colour Tunable White Required components: Bender Wirth: 632b Hekla XL</p>		
<p></p> <p>LED Vesta DTW 15mm (33W) FWHM / FWTM 33.0° / 56.0° Efficiency 84 % Peak intensity 2.4 cd/m LEDs/each optic 1 Light colour Tunable White Required components: Bender Wirth: 632b Hekla XL</p>		

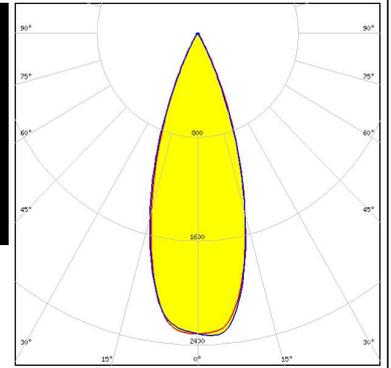
OPTICAL RESULTS (MEASURED):

<p></p> <p>LED Vesta DTW 9mm (4W/6W/12W) FWHM / FWTM 37.0° / 53.0° Efficiency 86 % Peak intensity 2.3 cd/m LEDs/each optic 1 Light colour White Required components: Bender Wirth: 652b Hekla</p>		
<p>CITIZEN</p> <p>LED CLL02x/CLU02x (LES10) FWHM / FWTM 36.0° / 52.0° Efficiency 84 % Peak intensity 2.3 cd/m LEDs/each optic 1 Light colour White Required components: F17435_HEKLA-G2-C</p>		
<p>CITIZEN</p> <p>LED CLL03x/CLU03x FWHM / FWTM 33.0° / 54.5° Efficiency 84 % Peak intensity 2.5 cd/m LEDs/each optic 1 Light colour White Required components: F17438_HEKLA-G2-I</p>		
<p></p> <p>LED CMA1516 FWHM / FWTM 36.0° / 52.0° Efficiency 84 % Peak intensity 2.3 cd/m LEDs/each optic 1 Light colour White Required components: F17436_HEKLA-G2-D</p>		

OPTICAL RESULTS (MEASURED):

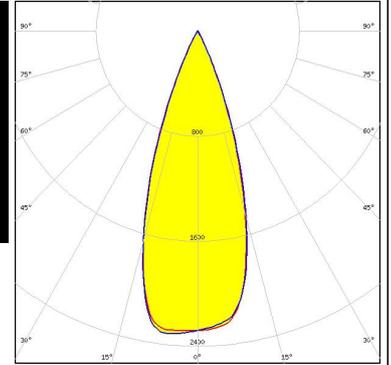
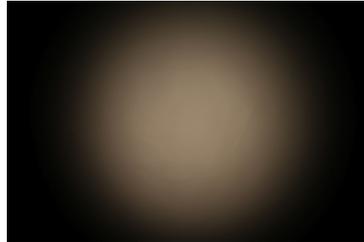
CREE LED

LED CMA1825
 FWHM / FWTM 35.0° / 55.0°
 Efficiency 85 %
 Peak intensity 2.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F15254_HEKLA-SOCKET-B



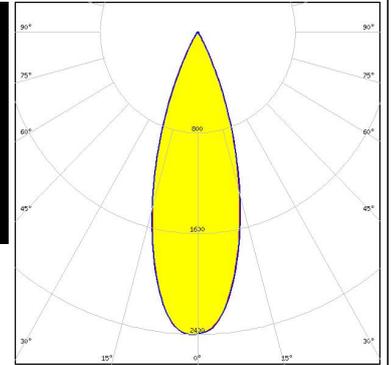
CREE LED

LED CMT14xx
 FWHM / FWTM 36.0° / 53.0°
 Efficiency 84 %
 Peak intensity 2.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



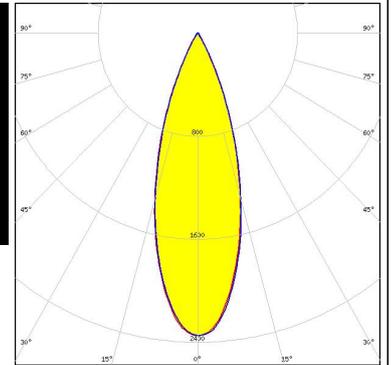
CREE LED

LED CMT19xx
 FWHM / FWTM 33.0° / 54.0°
 Efficiency 83 %
 Peak intensity 2.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I

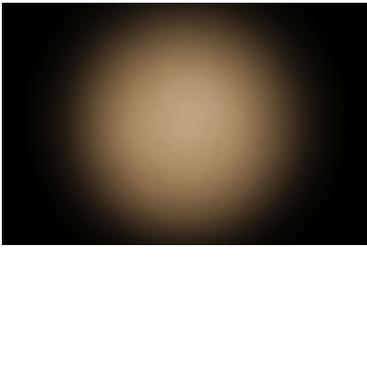
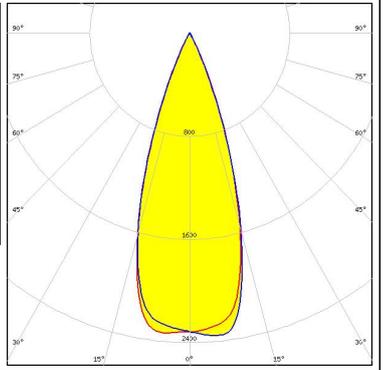
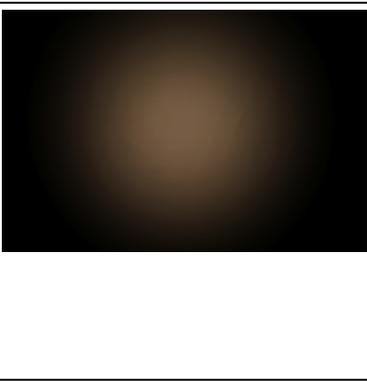
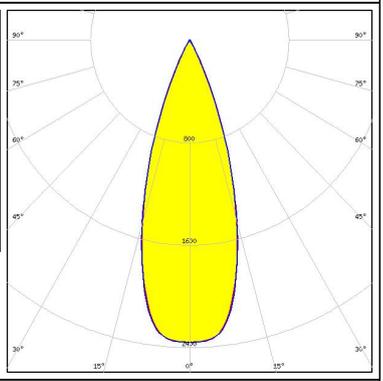
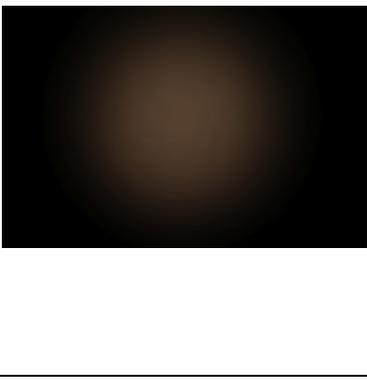
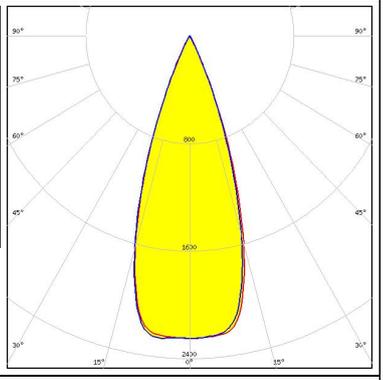
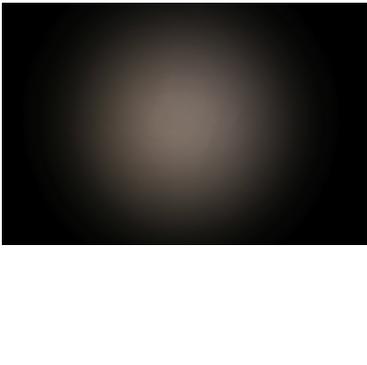
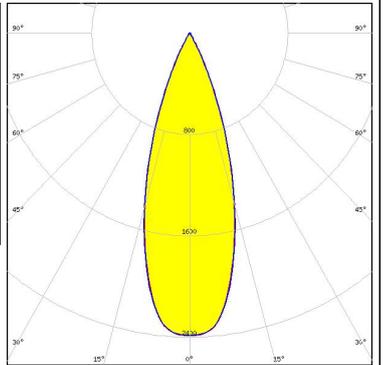


CREE LED

LED CMU15xx
 FWHM / FWTM 33.0° / 56.0°
 Efficiency 83 %
 Peak intensity 2.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



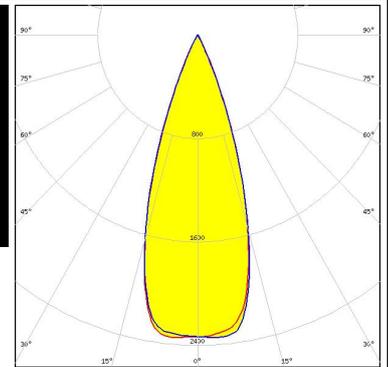
OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON CoB 1202/1203</p> <p>FWHM / FWTM 36.0° / 52.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 2.4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		
<p>NICHIA</p> <p>LED COB L-Type (LES 11)</p> <p>FWHM / FWTM 34.0° / 53.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 2.4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		
<p>NICHIA</p> <p>LED COB L-Type (LES 9)</p> <p>FWHM / FWTM 36.0° / 52.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 2.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		
<p>NICHIA</p> <p>LED COB S-Type (LES 7)</p> <p>FWHM / FWTM 34.0° / 54.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 2.4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17438_HEKLA-G2-I</p>		

OPTICAL RESULTS (MEASURED):

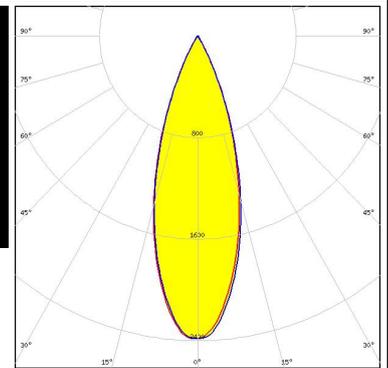
PHILIPS

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



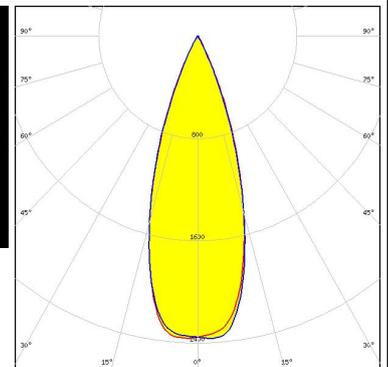
SAMSUNG

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



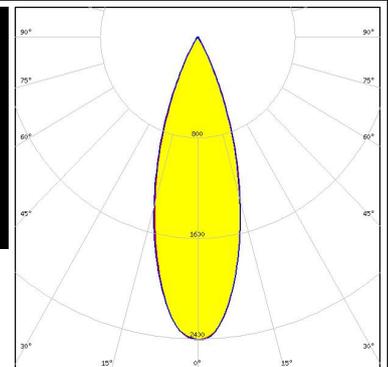
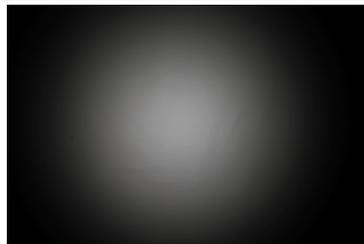
SAMSUNG

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

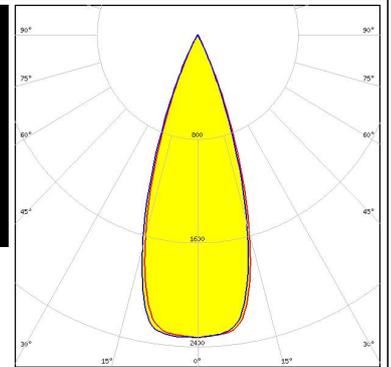
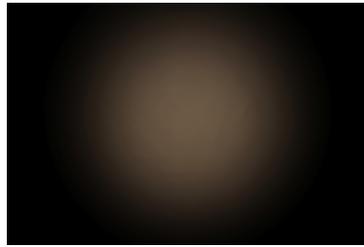
LED MJT COB LES 14.5
 FWHM / FWTM 33.0° / 55.0°
 Efficiency 83 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



OPTICAL RESULTS (MEASURED):

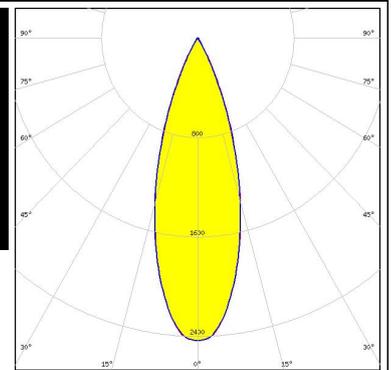
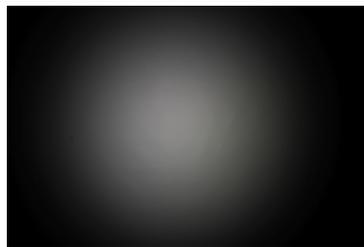
TRIDONIC

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

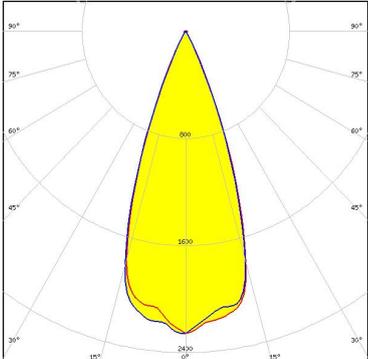
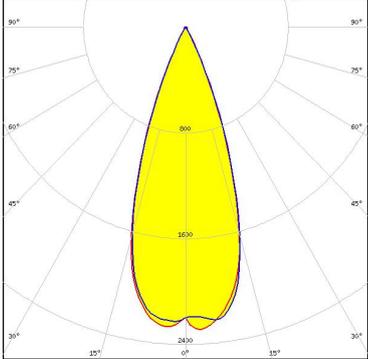
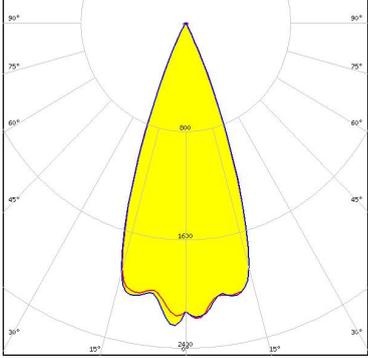
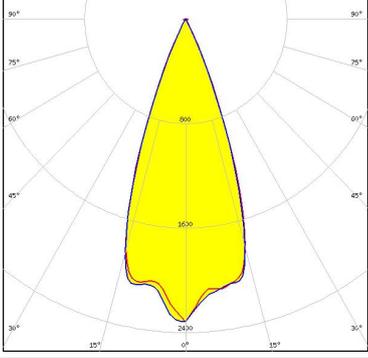


TRIDONIC

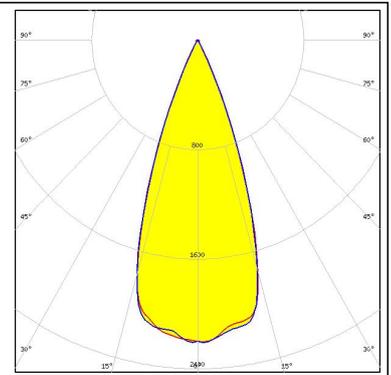
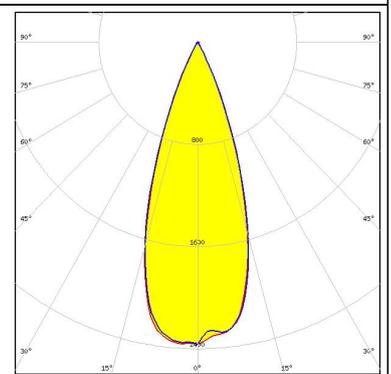
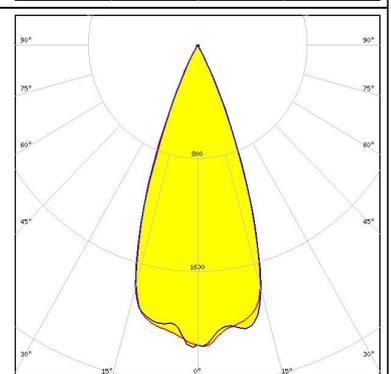
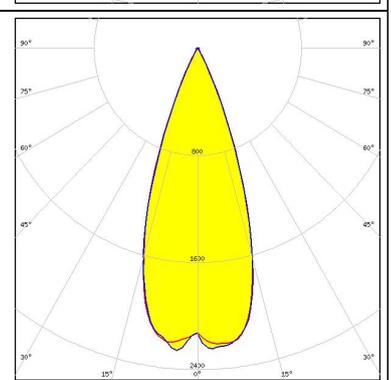
LED SLE G7 LES15
FWHM / FWTM 33.0° / 55.0°
Efficiency 84 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



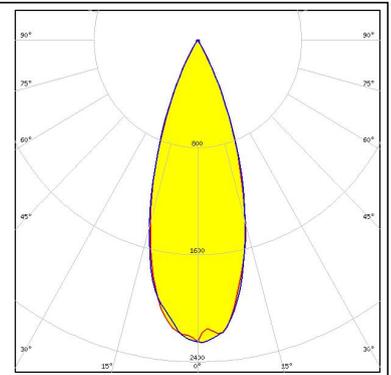
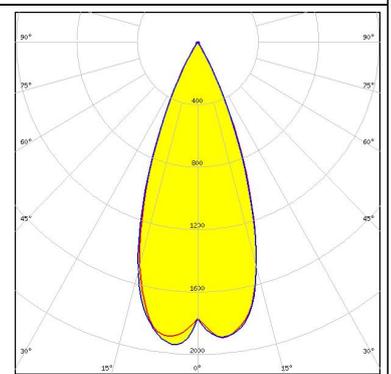
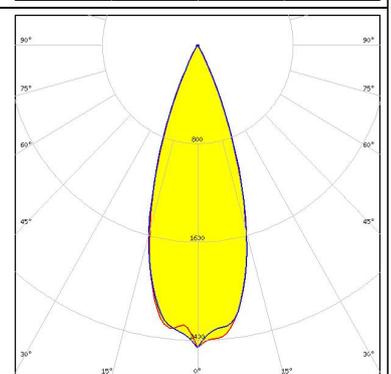
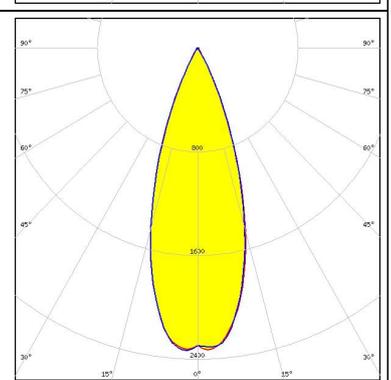
OPTICAL RESULTS (SIMULATED):

<p> LED V6 HD Gen 7</p> <p>FWHM / FWTM 38.0° / 52.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 2.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15255_HEKLA-SOCKET-C</p>	
<p>CITIZEN</p> <p>LED CLU712/713</p> <p>FWHM / FWTM 38.0° / 54.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 2.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17438_HEKLA-G2-I</p>	
<p> LED CHA0304</p> <p>FWHM / FWTM 40.0° / 52.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17435_HEKLA-G2-C</p>	
<p> LED CHA0410</p> <p>FWHM / FWTM 38.0° / 52.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17435_HEKLA-G2-C</p>	

OPTICAL RESULTS (SIMULATED):

<p>CREE → LED</p> <p>LED: CHA0612 FWHM / FWTM: 38.0° / 52.0° Efficiency: 86 % Peak intensity: 2.3 cd/lm LEDs/each optic: 1 Light colour: White Required components: F17435_HEKLA-G2-C</p>	
<p>CREE → LED</p> <p>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</p>	
<p>CREE → LED</p> <p>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</p>	
<p>CREE → LED</p> <p>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</p>	

OPTICAL RESULTS (SIMULATED):

<p>CREE LED</p> <p>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</p>	
<p>NICHIA</p> <p>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</p>	
<p>SAMSUNG</p> <p>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</p>	
<p>TRIDONIC</p> <p>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</p>	

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.

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