

YASMEEN-70-M-C

~26° 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 ⓘ

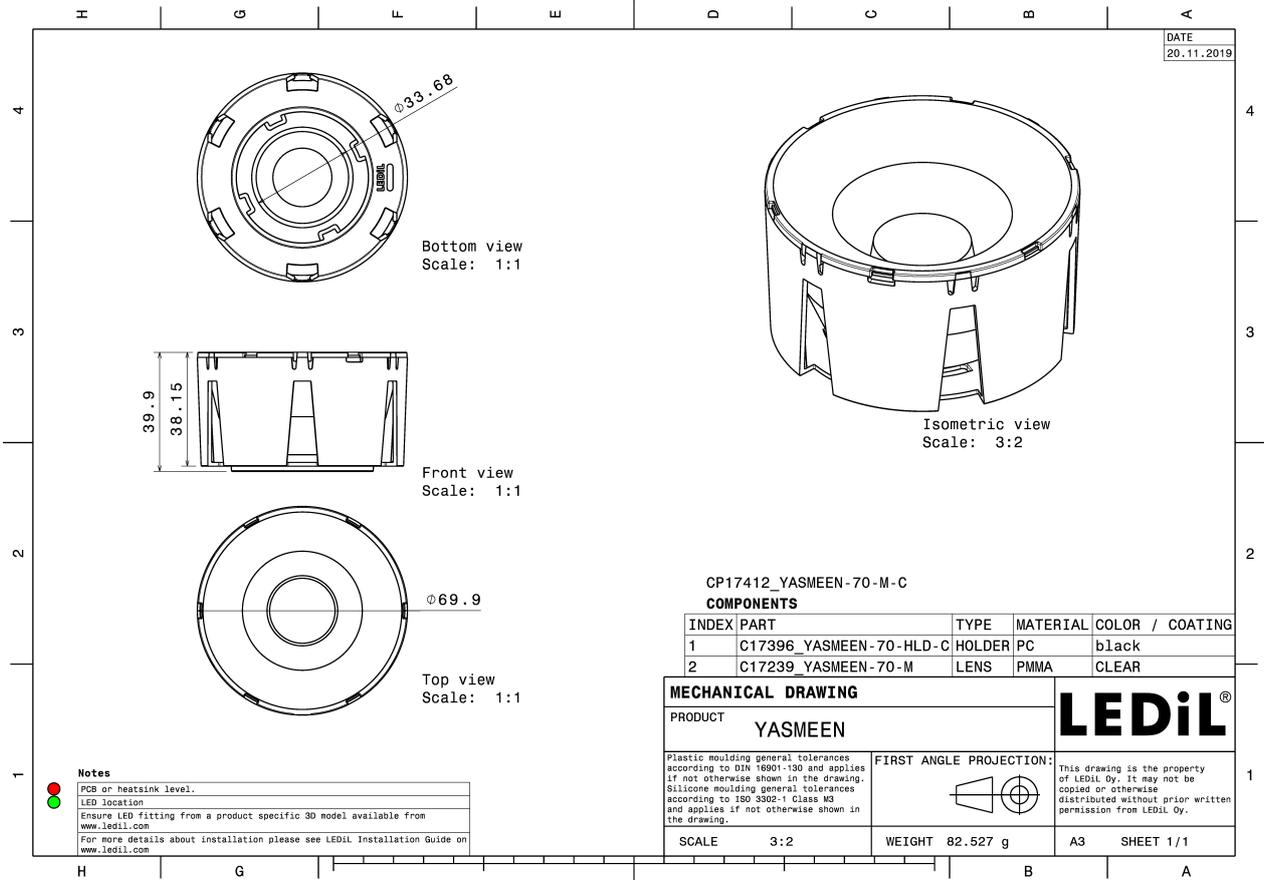


MATERIALS:

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

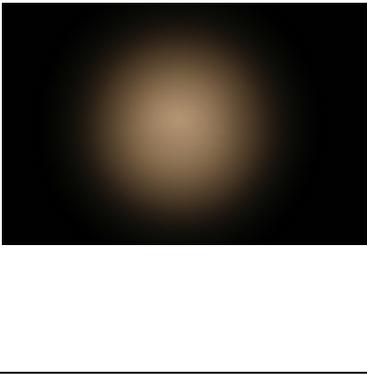
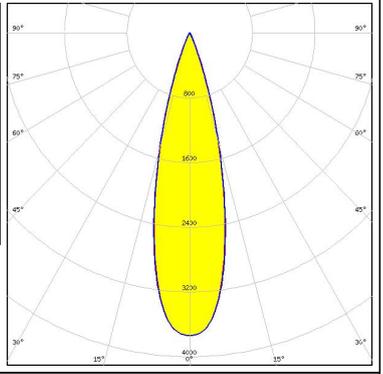
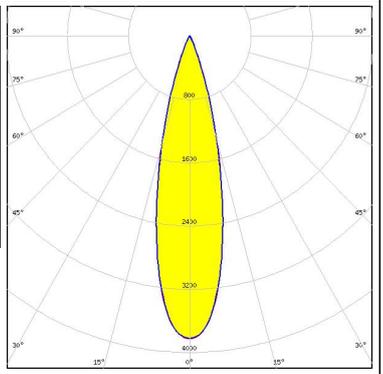
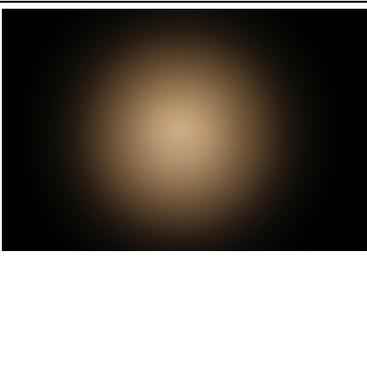
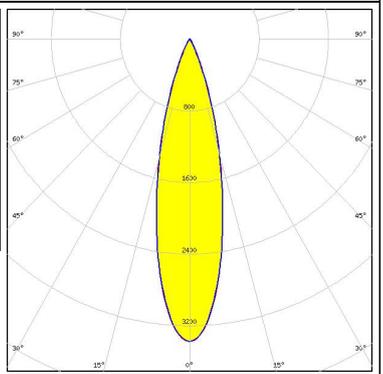
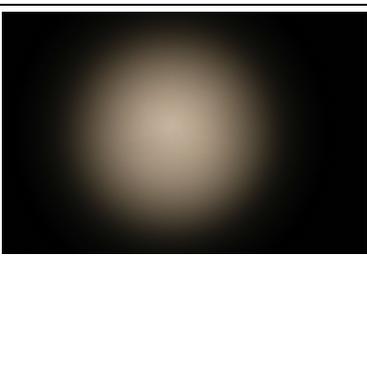
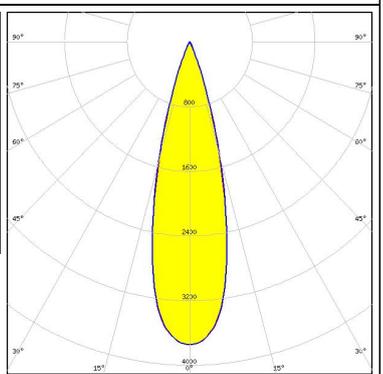
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17412_YASMEEN-70-M-C	Single lens	105	105	15	10.0
» Box size: 476 x 273 x 305 mm					

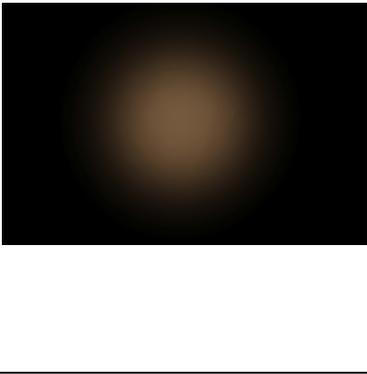
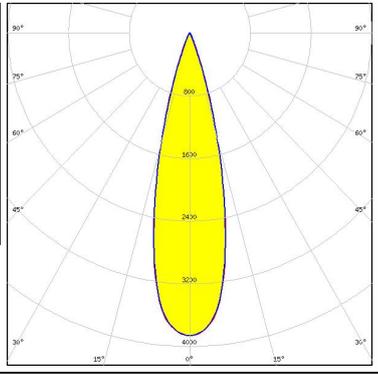
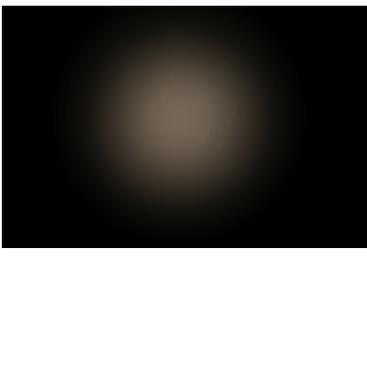
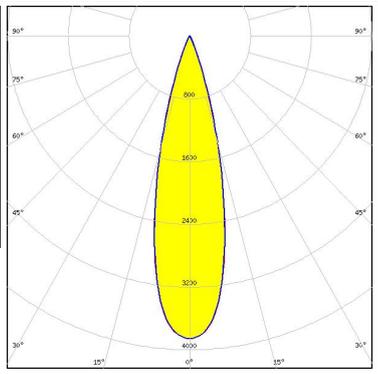
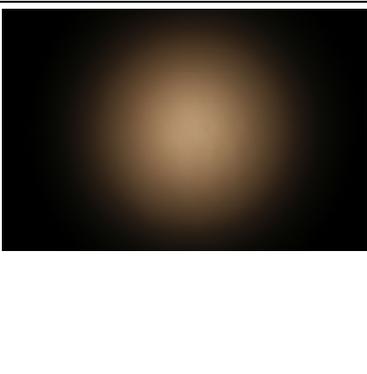
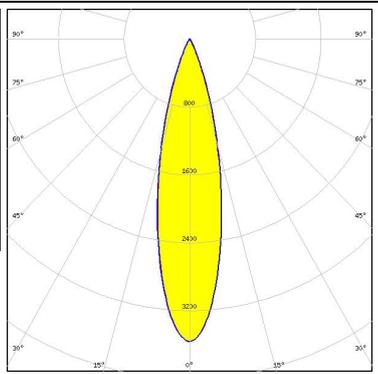
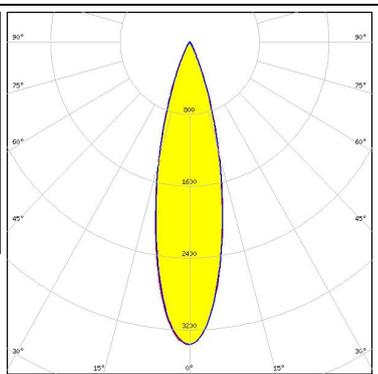


See also our general installation guide: www.ledil.com/installation_guide

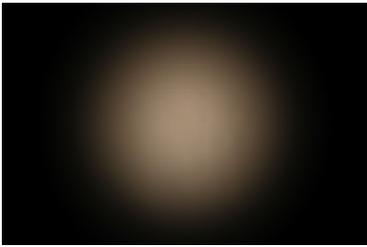
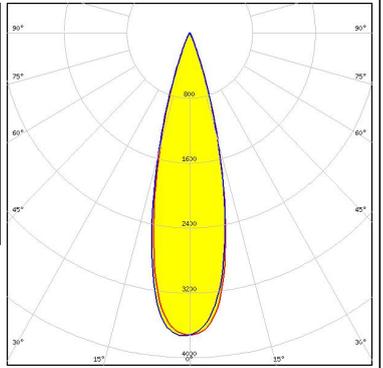
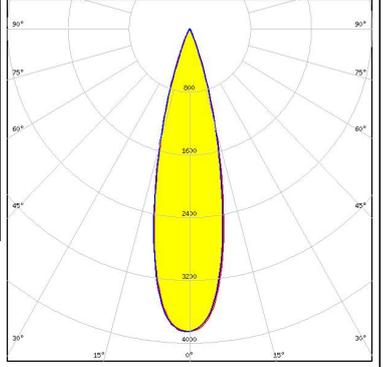
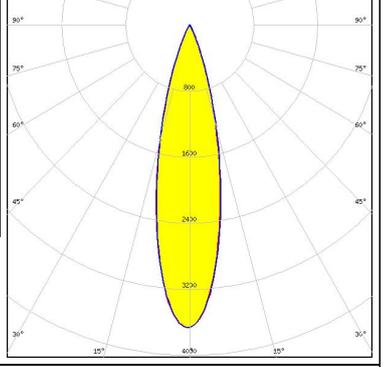
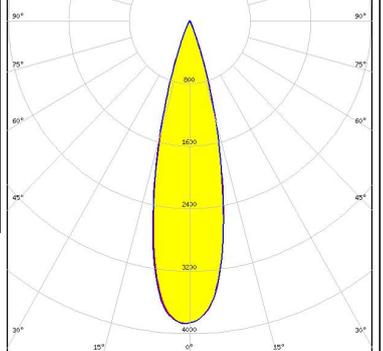
OPTICAL RESULTS (MEASURED):

<p></p> <p>LED V10 Gen 8 FWHM / FWTM 26.0° / 44.0° Efficiency 84 % Peak intensity 3.7 cd/m LEDs/each optic 1 Light colour White Required components: F15255_HEKLA-SOCKET-C</p>		
<p></p> <p>LED V11 HD Gen 8 FWHM / FWTM 25.0° / 44.0° Efficiency 82 % Peak intensity 3.8 cd/m LEDs/each optic 1 Light colour White Required components: Bender Wirth: 633d Hekla</p>		
<p></p> <p>LED V13 Gen 8 FWHM / FWTM 26.0° / 47.0° Efficiency 81 % Peak intensity 3.4 cd/m LEDs/each optic 1 Light colour White Required components: F15859_HEKLA-SOCKET-I</p>		
<p></p> <p>LED V8 Gen 8 FWHM / FWTM 27.0° / 43.0° Efficiency 85 % Peak intensity 3.7 cd/m LEDs/each optic 1 Light colour White Required components: F15253_HEKLA-SOCKET-A</p>		

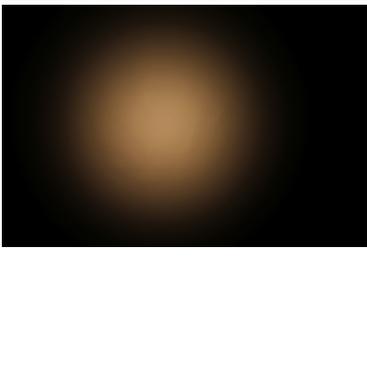
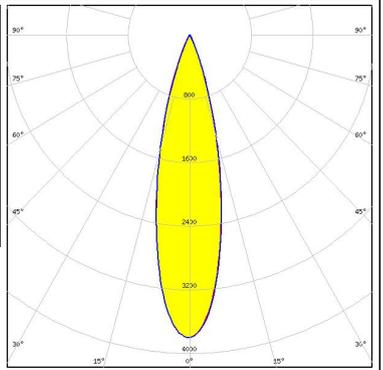
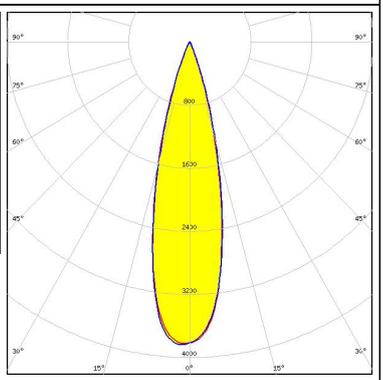
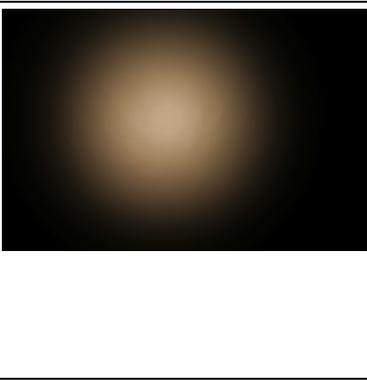
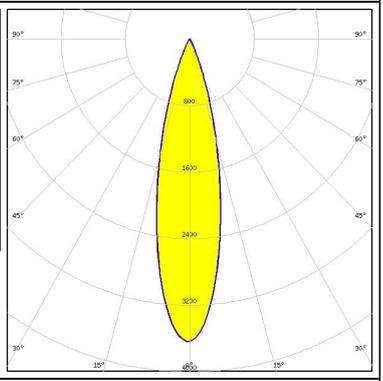
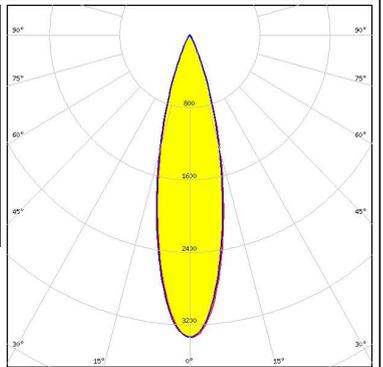
OPTICAL RESULTS (MEASURED):

<p></p> <p>LED V9 HD Gen7</p> <p>FWHM / FWTM 26.0° / 42.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 3.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15859_HEKLA-SOCKET-I</p>		
<p></p> <p>LED VERO10</p> <p>FWHM / FWTM 26.0° / 42.5°</p> <p>Efficiency 84 %</p> <p>Peak intensity 3.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15616_HEKLA-SOCKET-F</p>		
<p></p> <p>LED Vesta DTW 13mm (21W)</p> <p>FWHM / FWTM 25.0° / 46.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 3.6 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: Bender Wirth: 632b Hekla XL</p>		
<p></p> <p>LED Vesta DTW 15mm (33W)</p> <p>FWHM / FWTM 26.0° / 48.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 3.4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: Bender Wirth: 632b Hekla XL</p>		

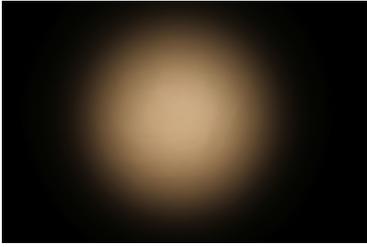
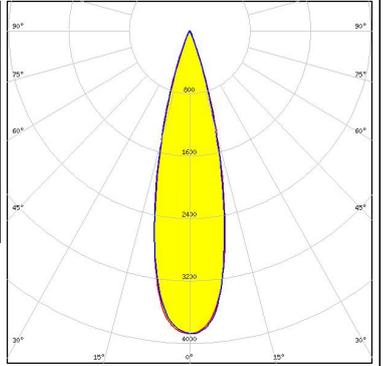
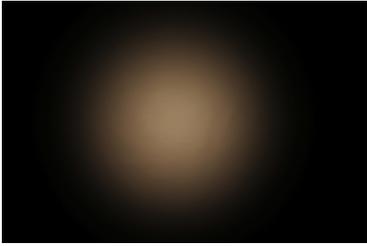
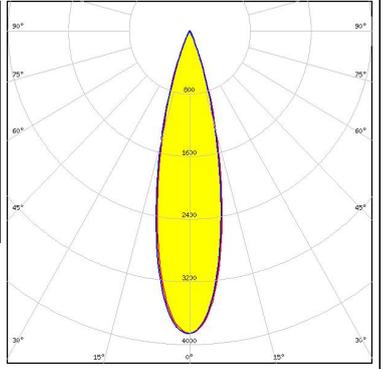
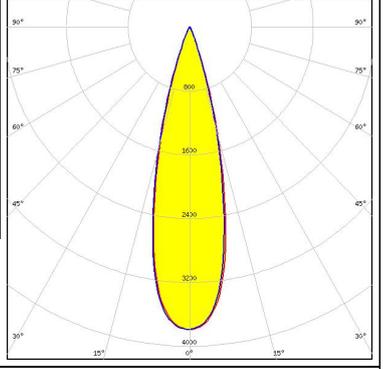
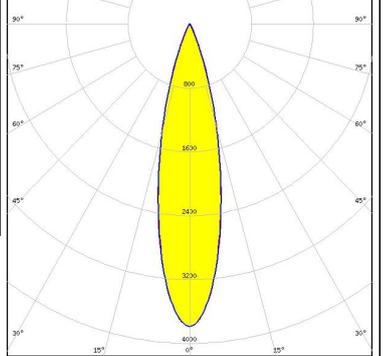
OPTICAL RESULTS (MEASURED):

<p></p> <p>LED Vesta DTW 9mm (4W/6W/12W) FWHM / FWTM 27.0° / 43.0° Efficiency 83 % Peak intensity 3.7 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 652b Hekla</p>		
<p>CITIZEN</p> <p>LED CLL02x/CLU02x (LES10) FWHM / FWTM 25.0° / 42.0° Efficiency 83 % Peak intensity 3.9 cd/lm LEDs/each optic 1 Light colour White Required components: F17435_HEKLA-G2-C</p>		
<p>CITIZEN</p> <p>LED CLL03x/CLU03x FWHM / FWTM 25.0° / 45.0° Efficiency 82 % Peak intensity 3.7 cd/lm LEDs/each optic 1 Light colour White Required components: F17438_HEKLA-G2-I</p>		
<p></p> <p>LED CMA1516 FWHM / FWTM 26.0° / 42.0° Efficiency 83 % Peak intensity 3.9 cd/lm LEDs/each optic 1 Light colour White Required components: F17436_HEKLA-G2-D</p>		

OPTICAL RESULTS (MEASURED):

<p>CREE  LED</p> <p>LED CMA1825 FWHM / FWTM 25.0° / 44.0° Efficiency 83 % Peak intensity 3.8 cd/m LEDs/each optic 1 Light colour White Required components: F15254_HEKLA-SOCKET-B</p>		
<p>CREE  LED</p> <p>LED CMT14xx FWHM / FWTM 26.0° / 42.0° Efficiency 83 % Peak intensity 3.8 cd/m LEDs/each optic 1 Light colour White Required components: F17435_HEKLA-G2-C</p>		
<p>CREE  LED</p> <p>LED CMT19xx FWHM / FWTM 24.0° / 45.0° Efficiency 81 % Peak intensity 3.6 cd/m LEDs/each optic 1 Light colour White Required components: F17438_HEKLA-G2-I</p>		
<p>CREE  LED</p> <p>LED CMU15xx FWHM / FWTM 26.0° / 47.0° Efficiency 79 % Peak intensity 3.3 cd/m LEDs/each optic 1 Light colour White Required components: F17438_HEKLA-G2-I</p>		

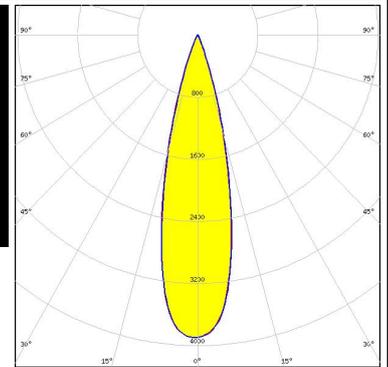
OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON CoB 1202/1203</p> <p>FWHM / FWTM 26.0° / 42.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 3.9 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 24.0° / 43.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 3.9 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 26.0° / 42.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 3.8 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 24.0° / 45.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 3.8 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):

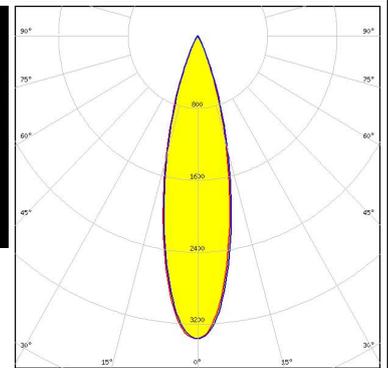
PHILIPS

LED Fortimo SLM L09 CoB
 FWHM / FWTM 25.0° / 42.0°
 Efficiency 82 %
 Peak intensity 3.9 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



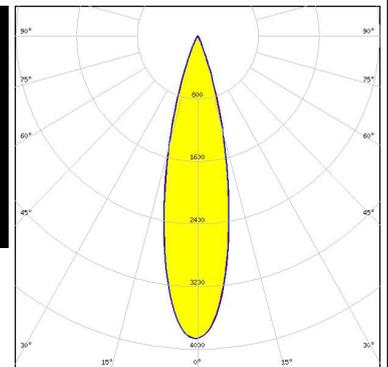
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 26.0° / 47.0°
 Efficiency 81 %
 Peak intensity 3.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



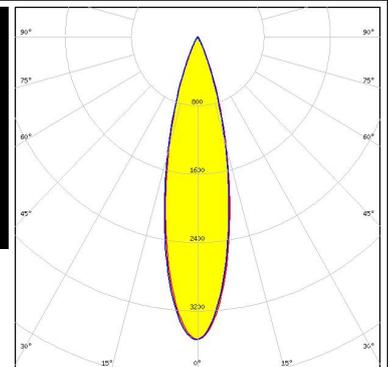
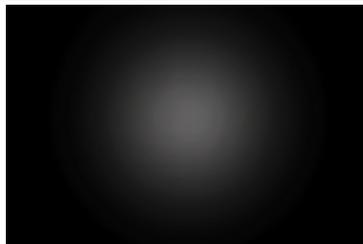
SAMSUNG

LED LC030C/040C G2
 FWHM / FWTM 25.0° / 45.0°
 Efficiency 82 %
 Peak intensity 3.9 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



SEOUL SEMICONDUCTOR

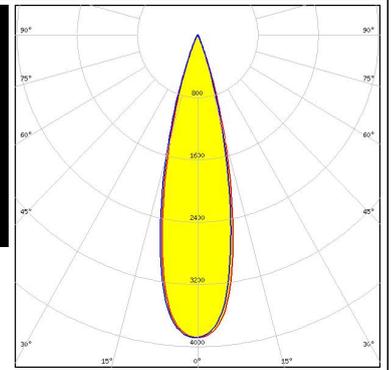
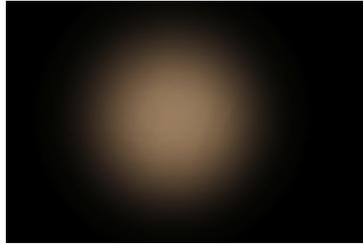
LED MJT COB LES 14.5
 FWHM / FWTM 25.0° / 46.0°
 Efficiency 81 %
 Peak intensity 3.5 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



OPTICAL RESULTS (MEASURED):

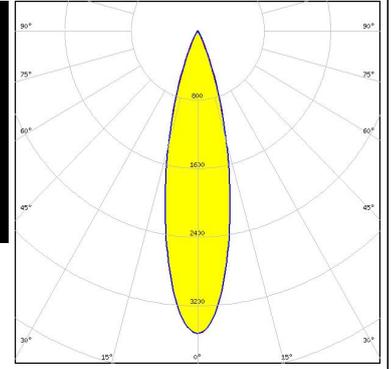
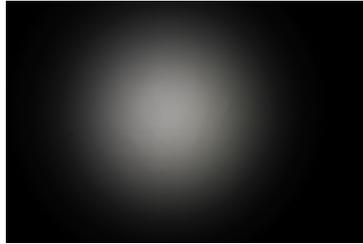
TRIDONIC

LED SLE G7 LES09
 FWHM / FWTM 26.0° / 42.0°
 Efficiency 83 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C

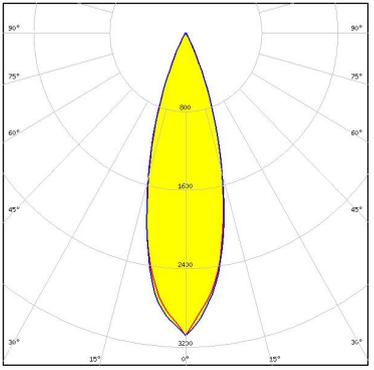
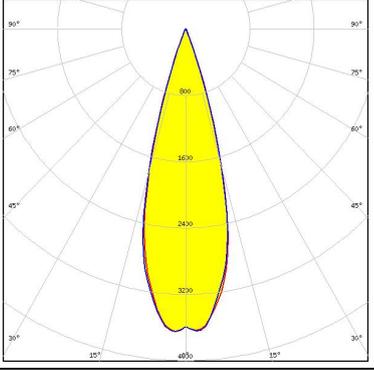
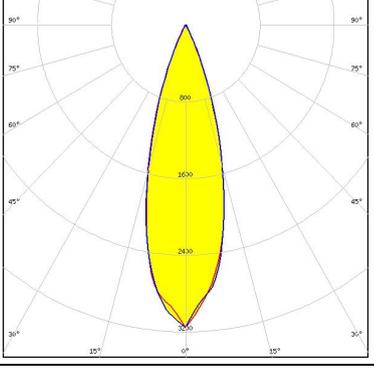
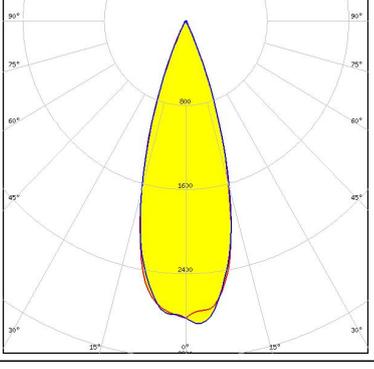


TRIDONIC

LED SLE G7 LES15
 FWHM / FWTM 25.0° / 46.0°
 Efficiency 81 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



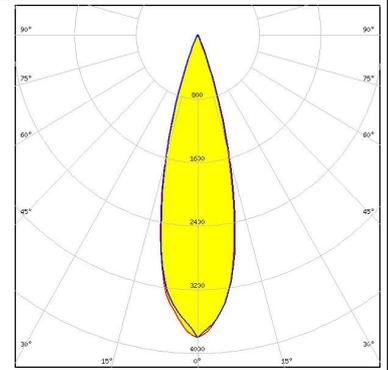
OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED V13 Gen7</p> <p>FWHM / FWTM 30.0° / 50.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 3.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p></p> <p>LED V6 HD Gen 7</p> <p>FWHM / FWTM 30.0° / 42.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 3.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15255_HEKLA-SOCKET-C</p>	
<p></p> <p>LED Vesta TW 13mm (25W) CSP</p> <p>FWHM / FWTM 30.0° / 50.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 3.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>	
<p></p> <p>LED Vesta TW 9mm (12W) CSP</p> <p>FWHM / FWTM 32.0° / 50.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 2.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>	

OPTICAL RESULTS (SIMULATED):

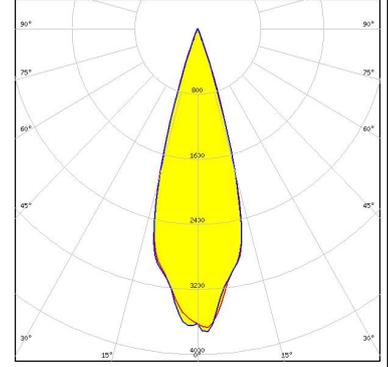
CITIZEN

LED CLU712/713
 FWHM / FWTM 28.0° / 42.0°
 Efficiency 84 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



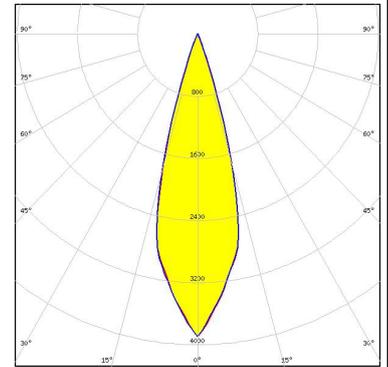
CREE LED

LED CHA0304
 FWHM / FWTM 30.0° / 41.0°
 Efficiency 85 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



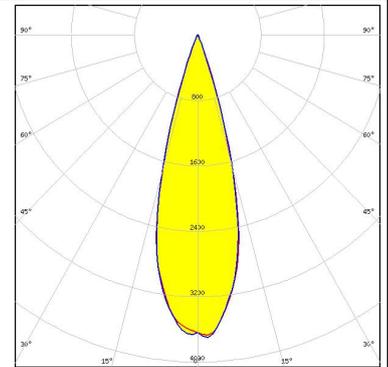
CREE LED

LED CHA0410
 FWHM / FWTM 30.0° / 41.0°
 Efficiency 85 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



CREE LED

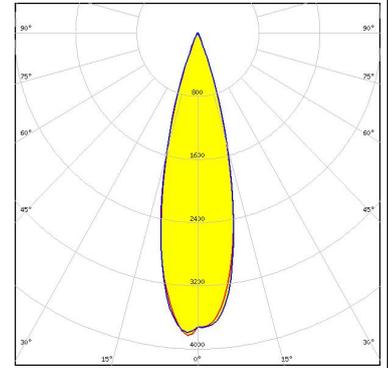
LED CHA0612
 FWHM / FWTM 30.0° / 42.0°
 Efficiency 85 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



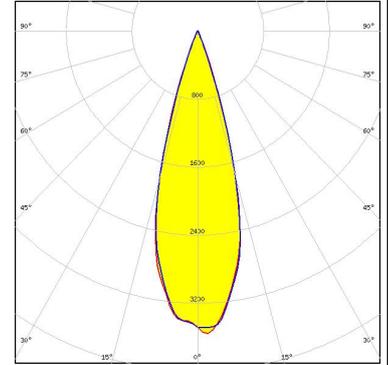
OPTICAL RESULTS (SIMULATED):



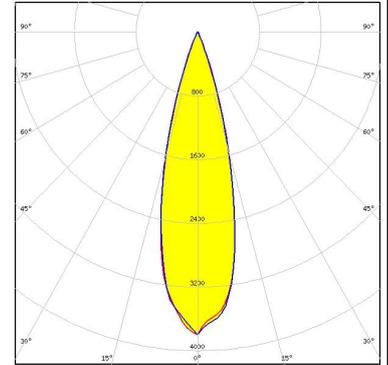
LED CMU10xx
 FWHM / FWTM 27.0° / 44.0°
 Efficiency 85 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



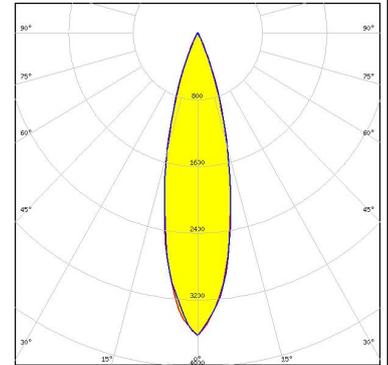
LED CXA/B 13xx
 FWHM / FWTM 30.0° / 43.0°
 Efficiency 85 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17439_HEKLA-G2-J



LED CXA/B 15xx
 FWHM / FWTM 28.0° / 42.0°
 Efficiency 84 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



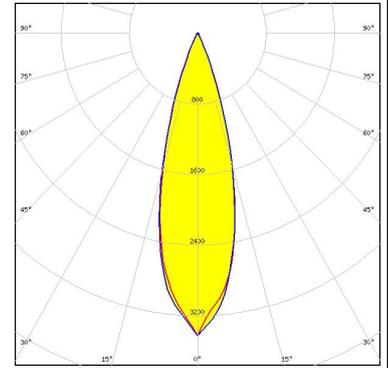
LED CXA/B 1830
 FWHM / FWTM 26.0° / 46.0°
 Efficiency 83 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 637b Hekla



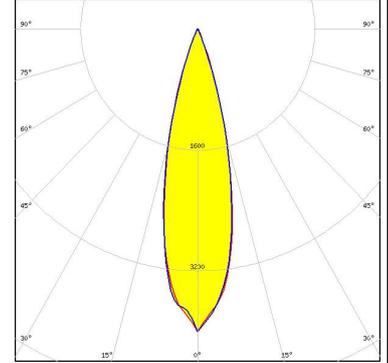
OPTICAL RESULTS (SIMULATED):



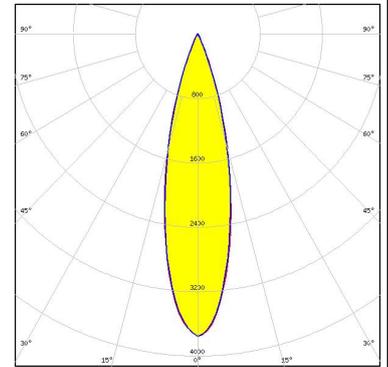
LED NVCWJ024Z-V1MT: COB J-Type Tunable White
FWHM / FWTM 28.0° / 47.0°
Efficiency 85 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 498 Typ L8 HV



LED LC003D / LC006D / LC009D / LC013D
FWHM / FWTM 26.0° / 43.0°
Efficiency 84 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



LED SLE G7 LES13
FWHM / FWTM 26.0° / 46.0°
Efficiency 83 %
Peak intensity 3.8 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.

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