

YASMEEN-50-M-C-WHT

~26° spot beam. Assembly with holder C compatible with LEDiL HEKLA. White version.

SPECIFICATION:

Dimensions	49.9 x 49.9 mm
Height	28.1 mm
ROHS compliant	yes ⓘ

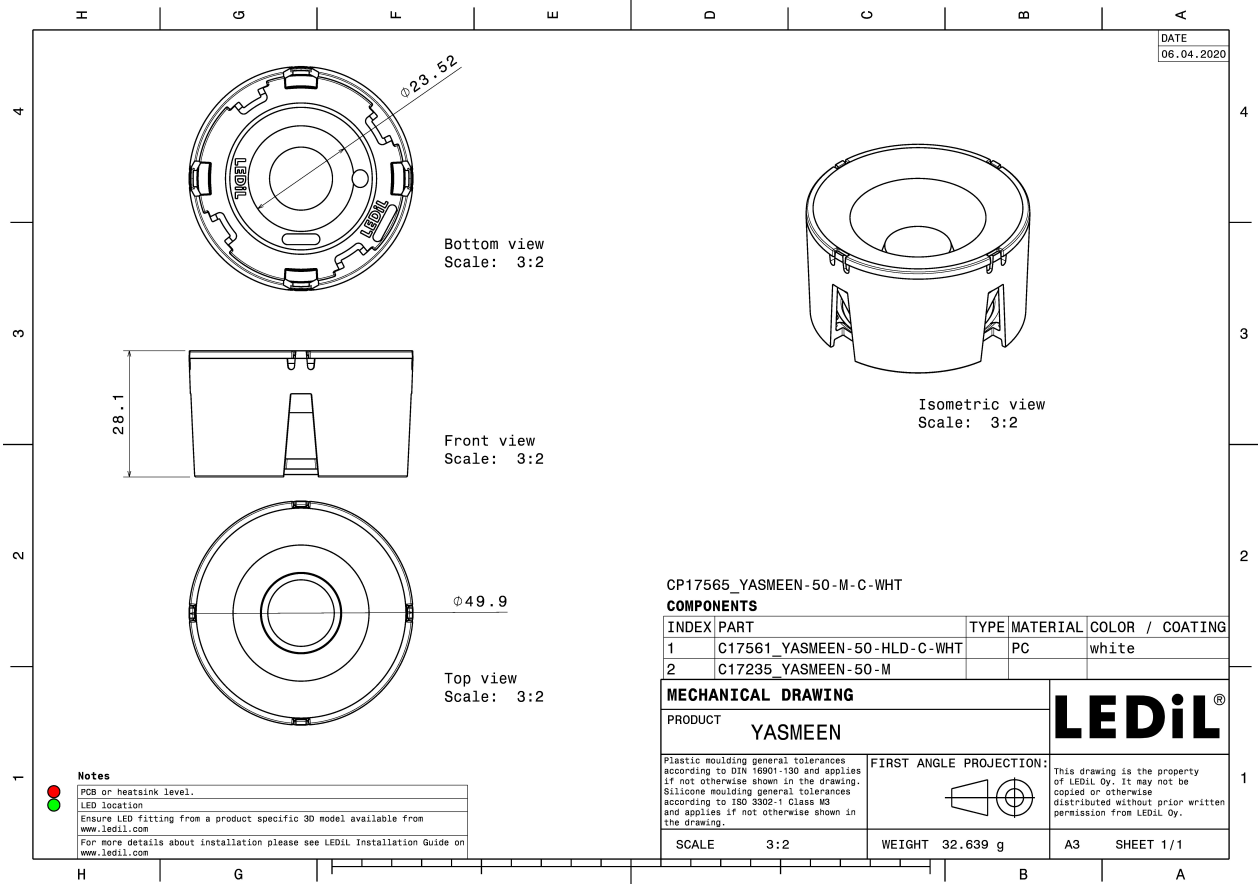


MATERIALS:

Component	Type	Material	Colour	Finish
YASMEEN-50-M	Single lens	PMMA	clear	
YASMEEN-50-HLD-C-WHT	Holder	PC	white	



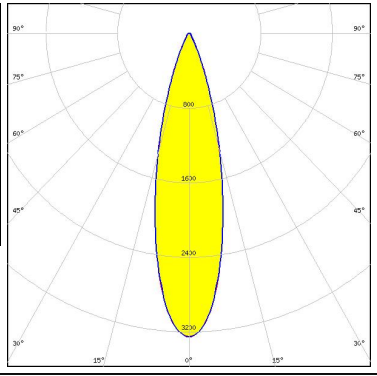


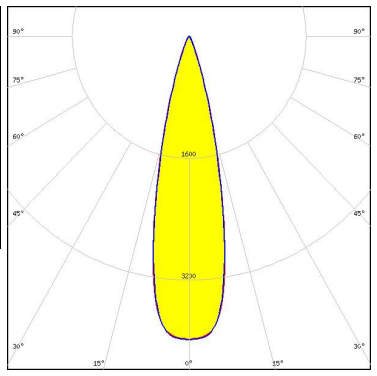


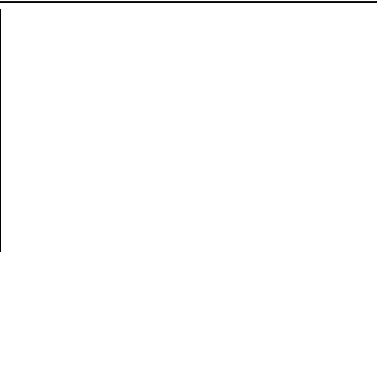


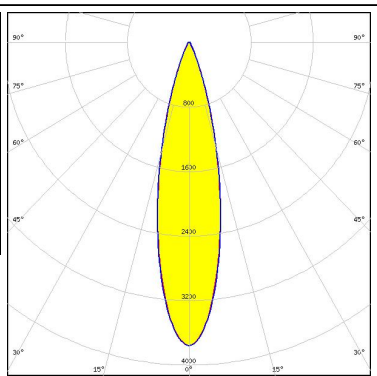
ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP17565_YASMEEN-50-M-C-WHT	Single lens	252	112	28	9.8
» Box size: 476 x 273 x 305 mm					


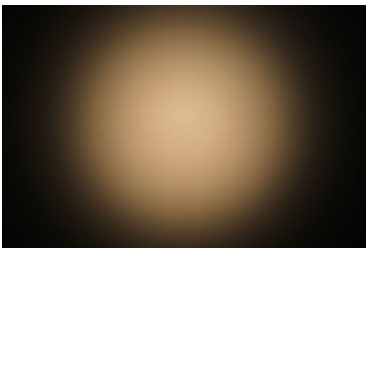
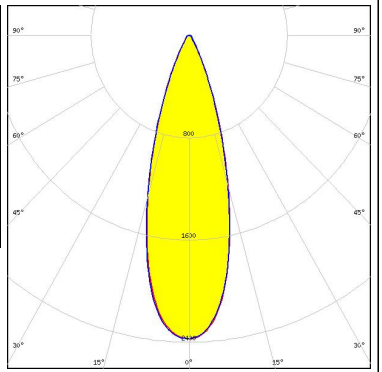


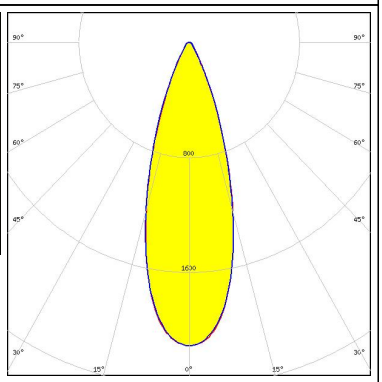


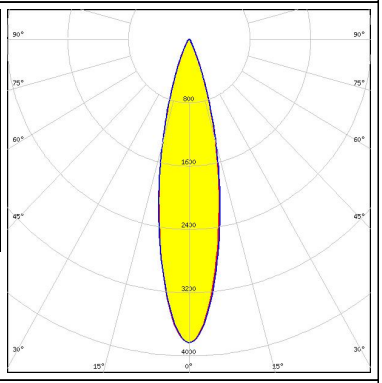

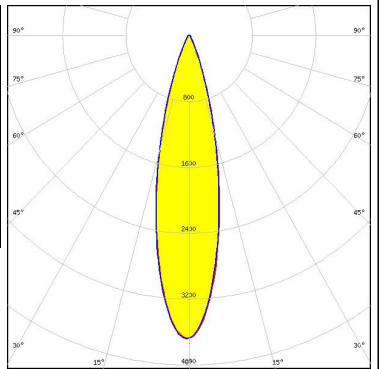


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

<p></p> <p>LED V11 HD Gen 8</p> <p>FWHM / FWTM 27.0° / 50.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 3.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 633d Hekla</p>		
<p></p> <p>LED V4 HD Gen 7</p> <p>FWHM / FWTM 25.0° / 42.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15253_HEKLA-SOCKET-A</p>		
<p></p> <p>LED V6 HD Gen 7</p> <p>FWHM / FWTM 24.0° / 42.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 4.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15255_HEKLA-SOCKET-C</p>		
<p></p> <p>LED VERO10</p> <p>FWHM / FWTM 24.0° / 46.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 3.8 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15616_HEKLA-SOCKET-F</p>		

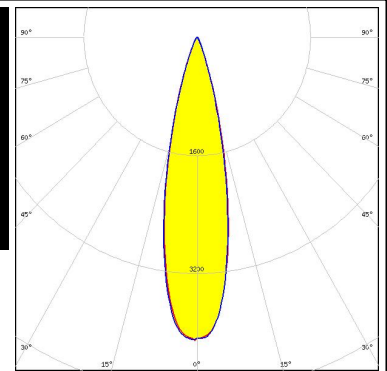
OPTICAL RESULTS (MEASURED):

<p></p> <p>LED Vesta DTW 13mm (21W) FWHM / FWTM 32.0° / 56.0° Efficiency 90 % Peak intensity 2.4 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° / 59.0° Efficiency 89 % Peak intensity 2.1 cd/m LEDs/each optic 1 Light colour Tunable White Required components: Bender Wirth: 632b Hekla XL</p>		
<p></p> <p>LED Vesta DTW 9mm (4W/6W/12W) FWHM / FWTM 24.0° / 46.0° Efficiency 92 % Peak intensity 3.8 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 25.0° / 46.0° Efficiency 91 % Peak intensity 3.7 cd/m LEDs/each optic 1 Light colour White Required components: F17435_HEKLA-G2-C</p>		

OPTICAL RESULTS (MEASURED):

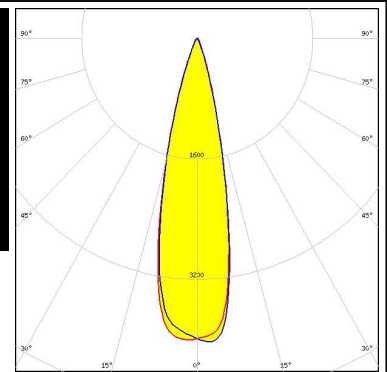
CITIZEN

LED CLU700/701/702/703
 FWHM / FWTM 24.0° / 42.0°
 Efficiency 92 %
 Peak intensity 4.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



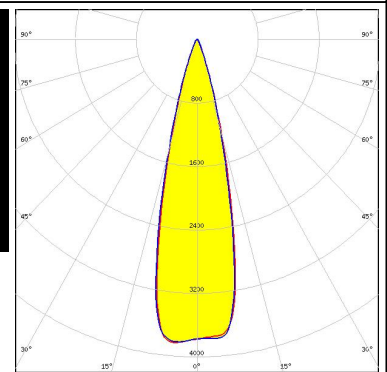
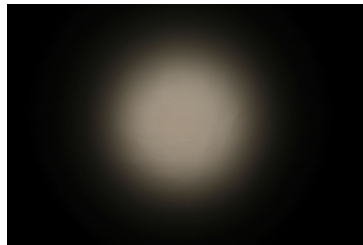
CITIZEN

LED CLU7A2/7A3
 FWHM / FWTM 25.0° / 41.5°
 Efficiency 92 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



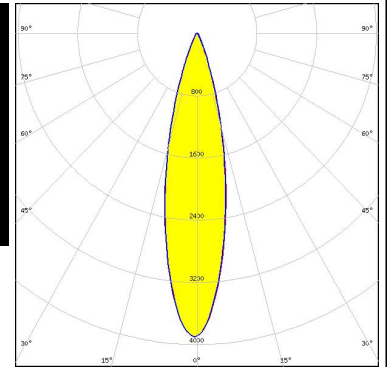
CITIZEN

LED CLU7B2
 FWHM / FWTM 26.0° / 42.0°
 Efficiency 92 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C


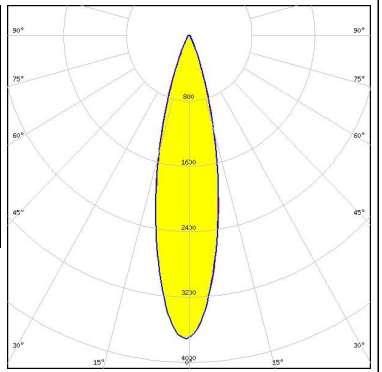

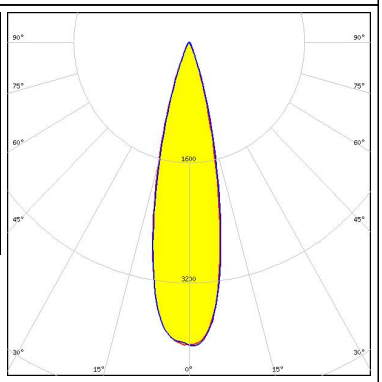

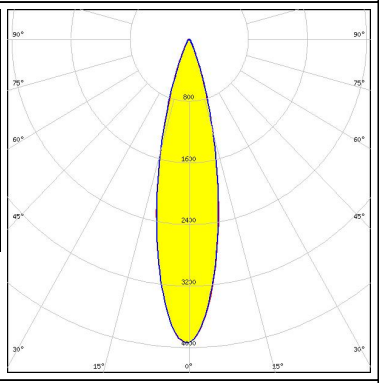

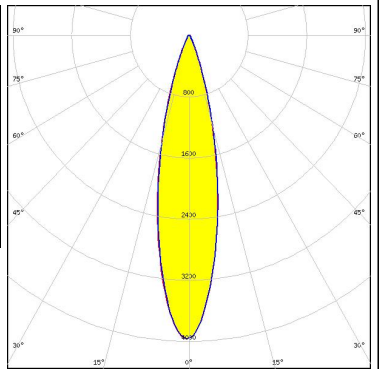


CREE LED

LED CMA1516
 FWHM / FWTM 24.0° / 45.0°
 Efficiency 91 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



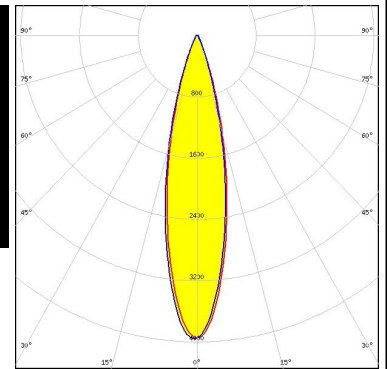
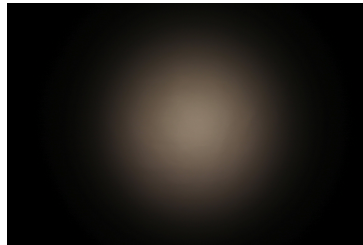
OPTICAL RESULTS (MEASURED):

<p>CREE LED</p> <p>LED CMT14xx FWHM / FWTM 24.0° / 46.0° Efficiency 91 % Peak intensity 3.7 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 25.0° / 43.0° Efficiency 93 % Peak intensity 4 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 24.0° / 45.0° Efficiency 92 % Peak intensity 3.9 cd/lm LEDs/each optic 1 Light colour White Required components: F17436_HEKLA-G2-D</p>		
<p>LUMILEDS</p> <p>LED LUXEON CoB 1202/1203 FWHM / FWTM 24.0° / 44.0° Efficiency 91 % Peak intensity 4 cd/lm LEDs/each optic 1 Light colour White Required components: F17437_HEKLA-G2-H</p>		

OPTICAL RESULTS (MEASURED):

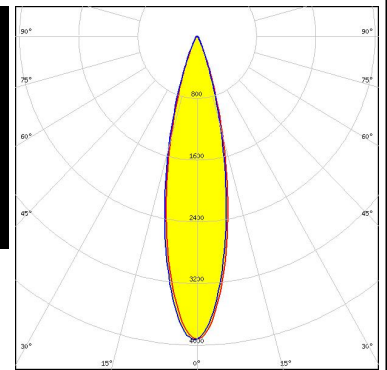
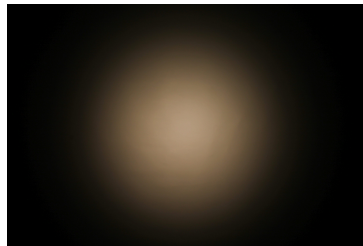
LUMILEDS

LED LUXEON CoB 1204HD
 FWHM / FWTM 23.0° / 45.0°
 Efficiency 91 %
 Peak intensity 4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



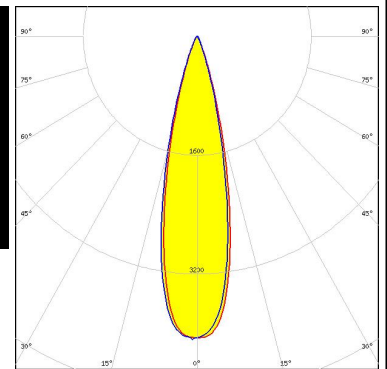
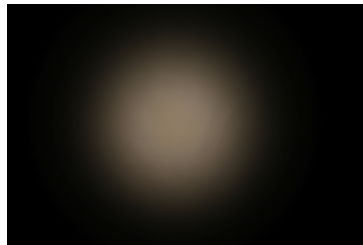
LUMILEDS

LED LUXEON CoB M02/M03
 FWHM / FWTM 24.0° / 45.0°
 Efficiency 92 %
 Peak intensity 3.9 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



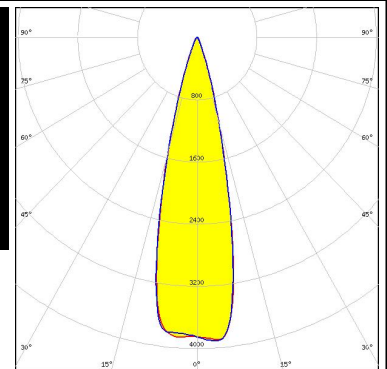
LUMILEDS

LED LUXEON CoB S01
 FWHM / FWTM 24.0° / 42.0°
 Efficiency 92 %
 Peak intensity 4.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17439_HEKLA-G2-J



LUMINUS

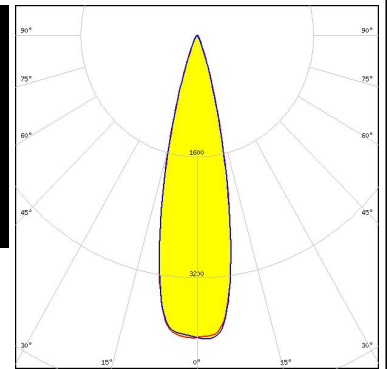
LED CXM-3
 FWHM / FWTM 25.0° / 41.0°
 Efficiency 92 %
 Peak intensity 3.9 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



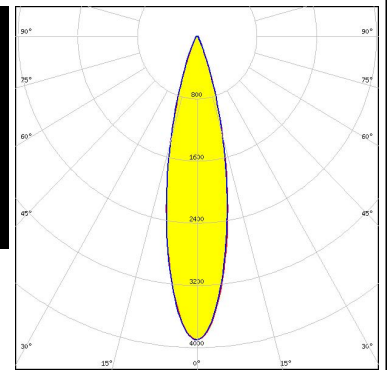
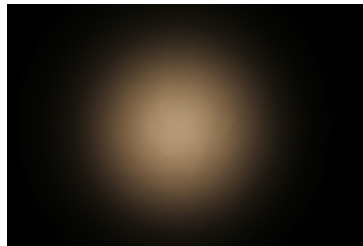
OPTICAL RESULTS (MEASURED):



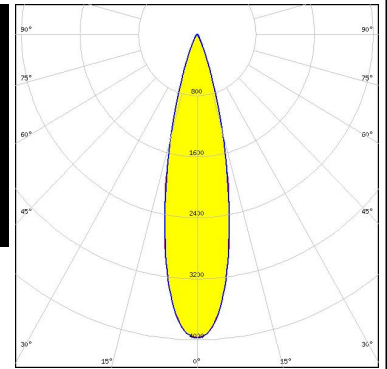
LED CXM-4
 FWHM / FWTM 25.0° / 42.0°
 Efficiency 92 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



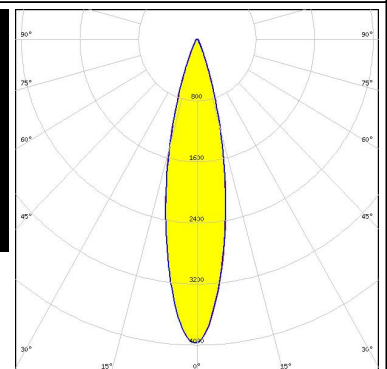
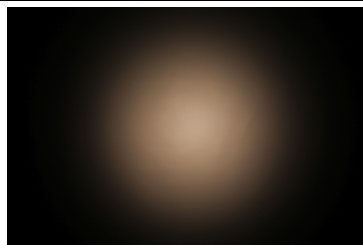
LED COB L-Type (LES 9)
 FWHM / FWTM 24.0° / 44.0°
 Efficiency 91 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



LED COB S-Type (LES 7)
 FWHM / FWTM 25.0° / 44.0°
 Efficiency 91 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15848_HEKLA-SOCKET-G



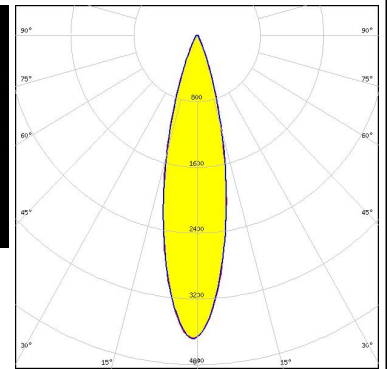
LED Fortimo SLM L09 CoB
 FWHM / FWTM 23.0° / 44.0°
 Efficiency 91 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



OPTICAL RESULTS (MEASURED):

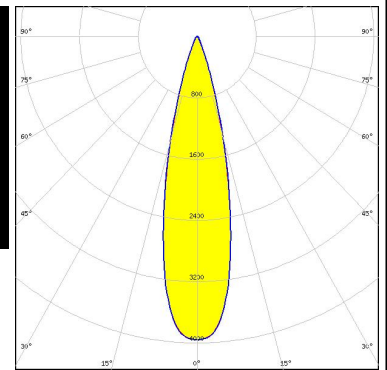
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 24.0° / 46.0°
 Efficiency 91 %
 Peak intensity 3.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



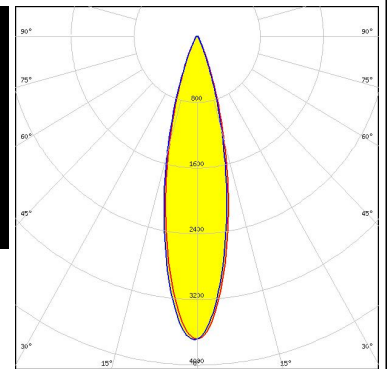
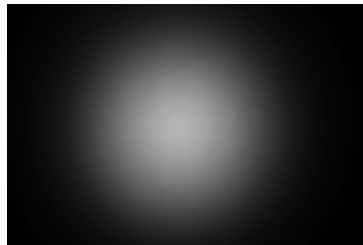
SEOUL SEMICONDUCTOR

LED MJT COB LES 6
 FWHM / FWTM 25.0° / 43.0°
 Efficiency 93 %
 Peak intensity 4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



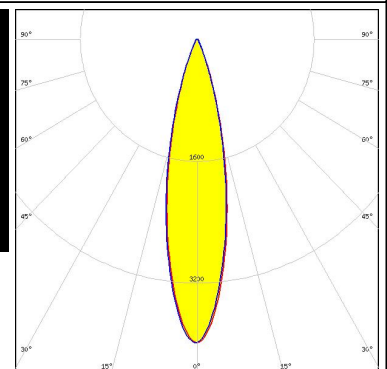
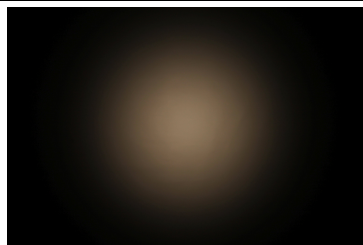
SEOUL SEMICONDUCTOR

LED MJT COB LES 9.8
 FWHM / FWTM 24.0° / 46.0°
 Efficiency 91 %
 Peak intensity 3.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



TRIDONIC

LED SLE G7 LES09
 FWHM / FWTM 23.0° / 44.0°
 Efficiency 92 %
 Peak intensity 4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



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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