

YASMEEN-70-WW

~60° wide beam. Assembly with holder C (LEDiL HEKLA) and B (BJB and B+W). Black and white versions.

SPECIFICATION:

Dimensions	Ø 70.0 mm
Height	34.6 mm
Fastening	socket
ROHS compliant	yes ⓘ

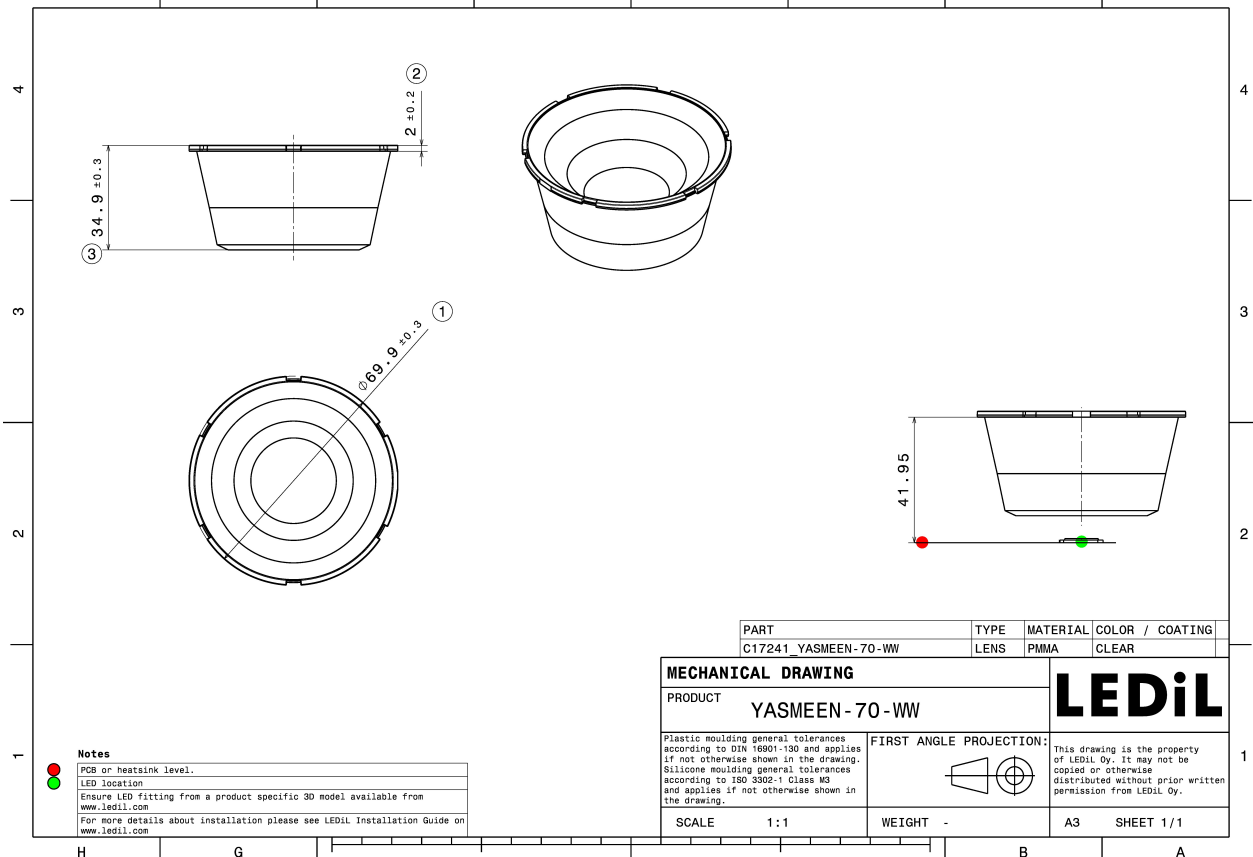
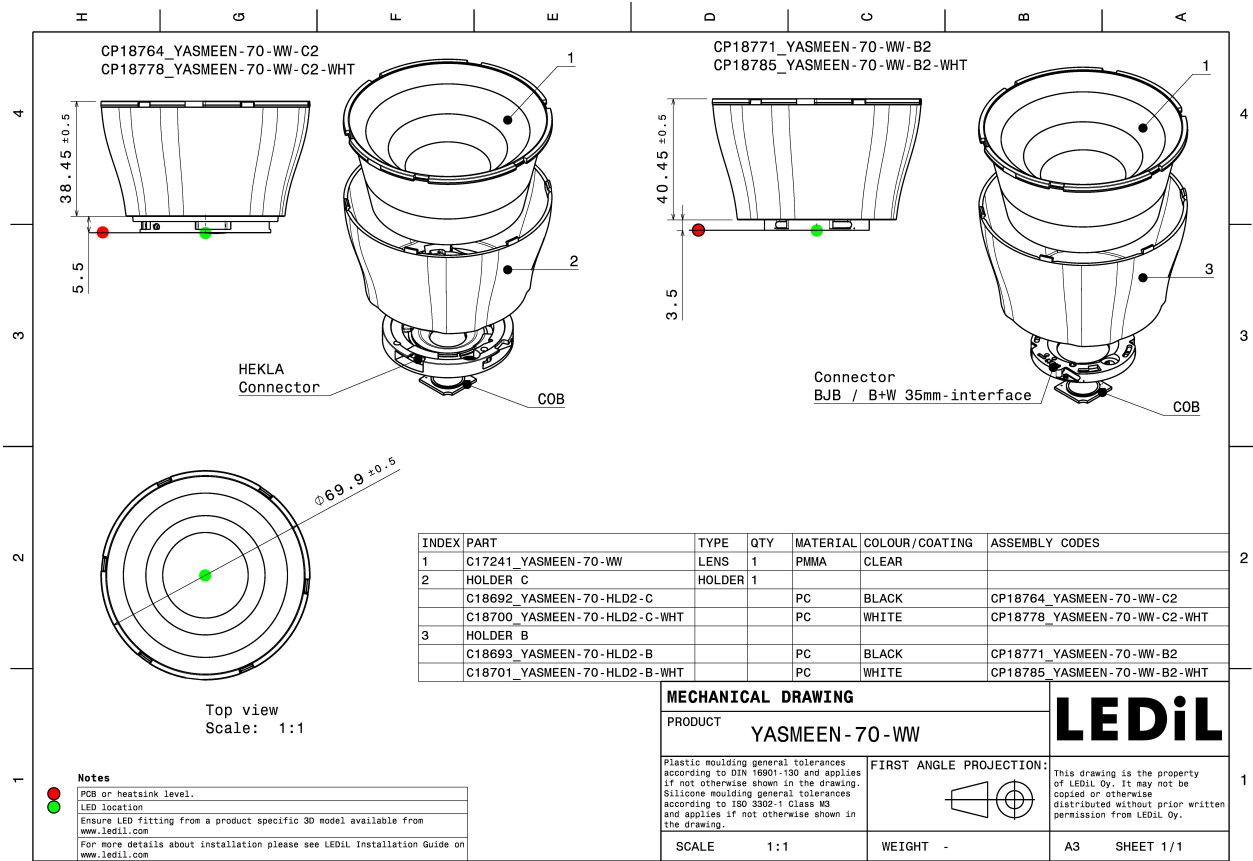


MATERIALS:

Component	Type	Material	Colour	Finish
YASMEEN-70-WW	Single lens	PMMA	clear	
YASMEEN-70-HLD2-C	Holder C	PC	black	
YASMEEN-70-HLD2-B	Holder B	PC	black	
YASMEEN-70-HLD2-C-WHT	Holder C	PC	white	
YASMEEN-70-HLD2-B-WHT	Holder B	PC	white	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17241_YASMEEN-70-WW	105	105	15	8.2
Assembly				
CP18785_YASMEEN-70-WW-B2-WHT	105	105	15	9.7
CP18778_YASMEEN-70-WW-C2-WHT	105	105	15	9.6
CP18771_YASMEEN-70-WW-B2	105	105	15	9.7
CP18764_YASMEEN-70-WW-C2	105	105	15	9.6



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

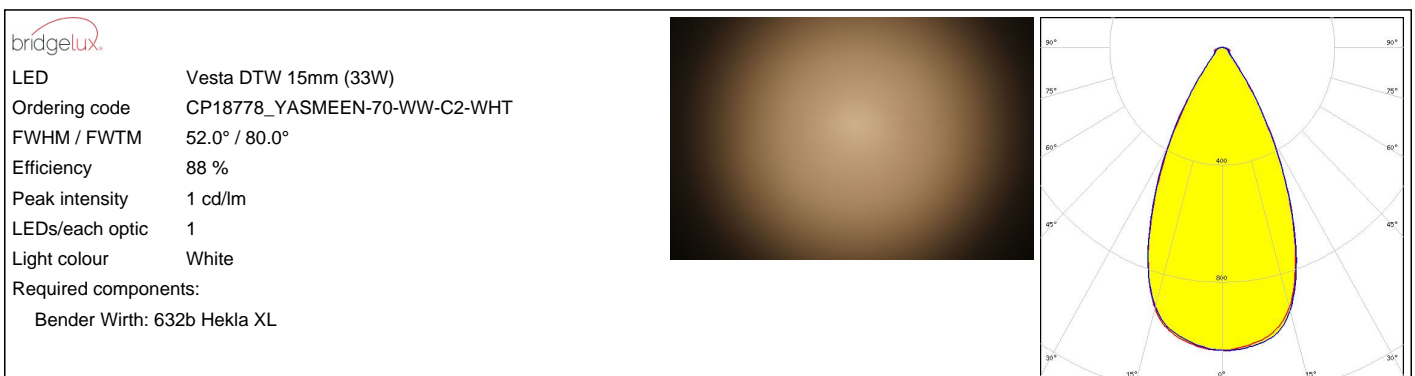
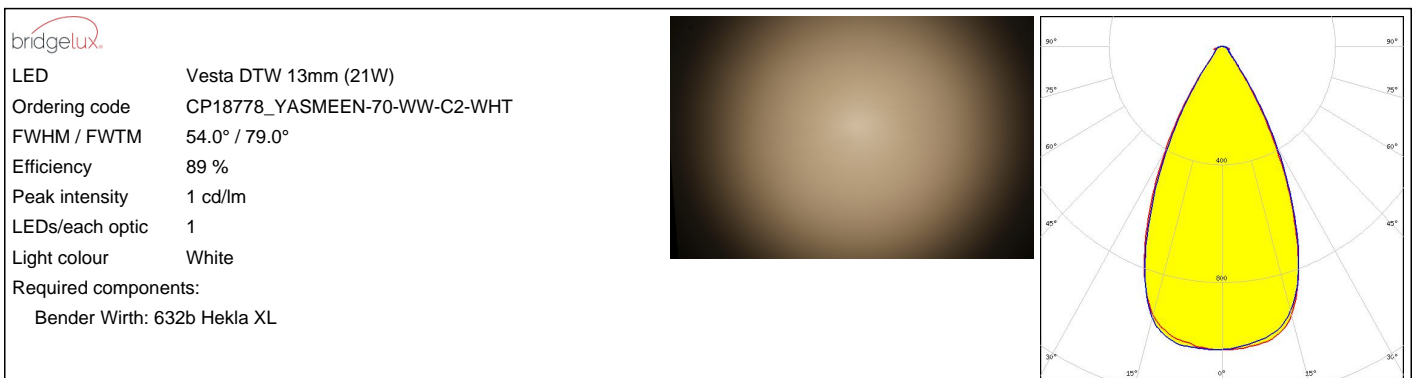
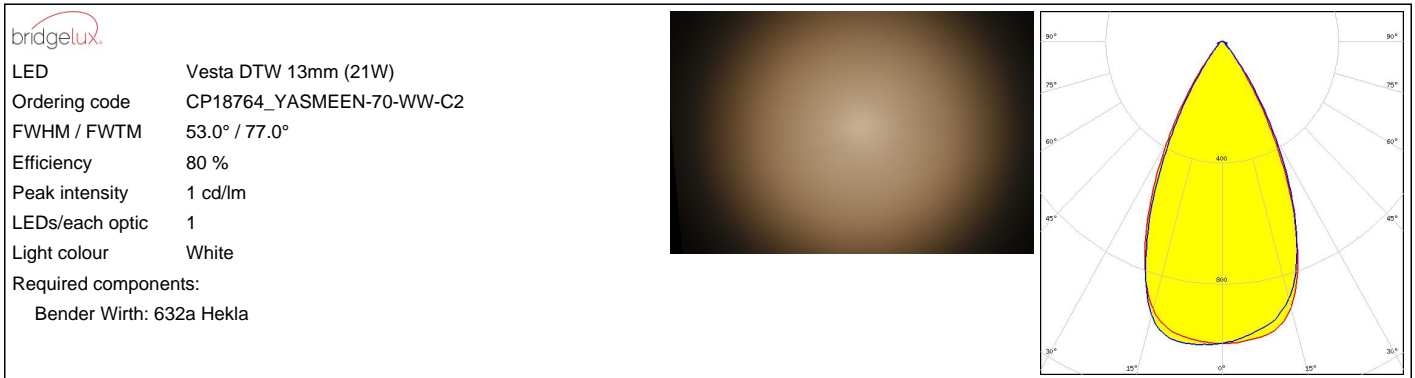
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (MEASURED):



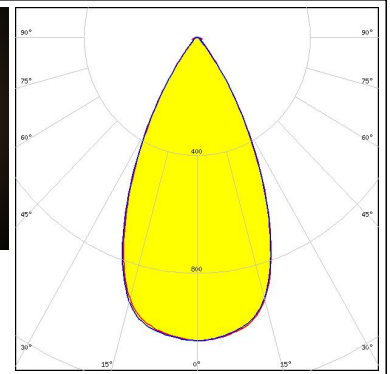
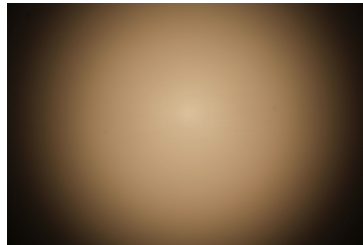
OPTICAL RESULTS (MEASURED):



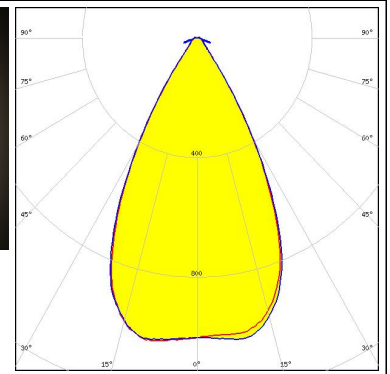
OPTICAL RESULTS (MEASURED):



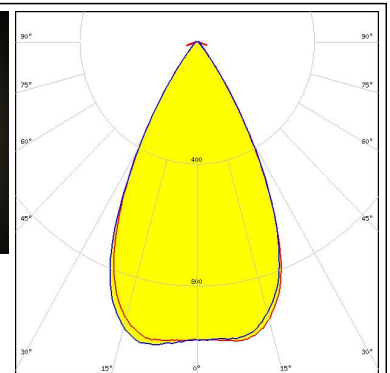
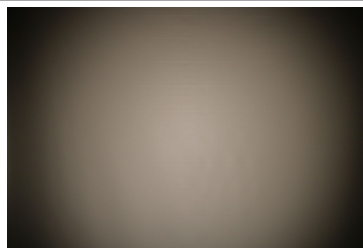
LED Vesta DTW 15mm (33W)
Ordering code CP18764_YASMEEN-70-WW-C2
FWHM / FWTM 52.0° / 77.0°
Efficiency 80 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 632b Hekla XL



LED Vesta DTW 9mm (4W/6W/12W)
Ordering code CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM 56.0° / 77.0°
Efficiency 90 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 652b Hekla

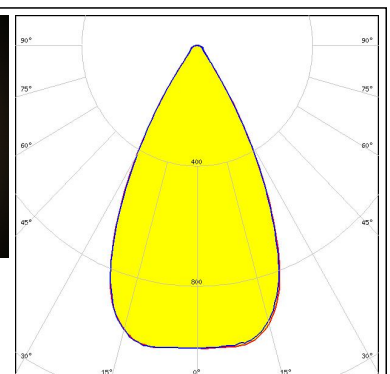
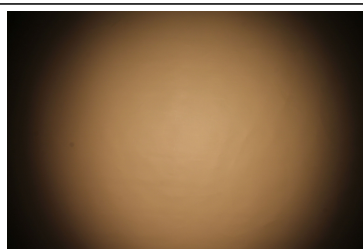


LED Vesta DTW 9mm (4W/6W/12W)
Ordering code CP18764_YASMEEN-70-WW-C2
FWHM / FWTM 55.0° / 76.0°
Efficiency 82 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 652b Hekla



CITIZEN

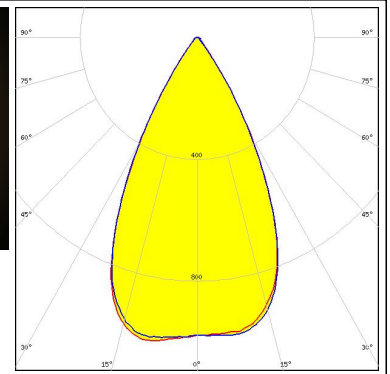
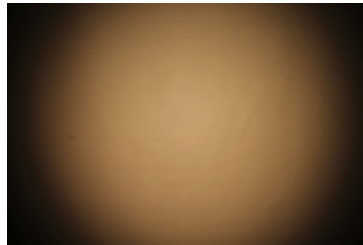
LED CLL02x/CLU02x (LES10)
Ordering code CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM 55.0° / 77.0°
Efficiency 90 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17435_HEKLA-G2-C



OPTICAL RESULTS (MEASURED):

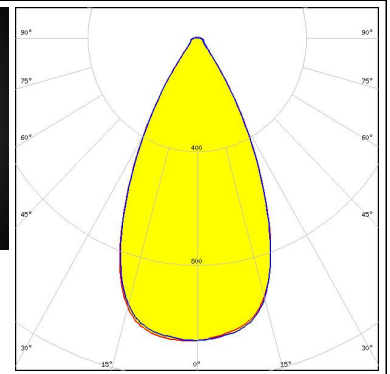
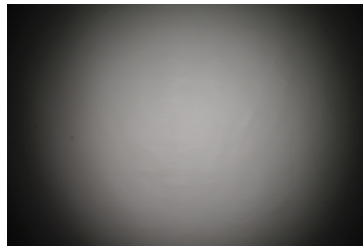
CITIZEN

LED CLL02x/CLU02x (LES10)
 Ordering code CP18764_YASMEEN-70-WW-C2
 FWHM / FWTM 54.0° / 75.0°
 Efficiency 81 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



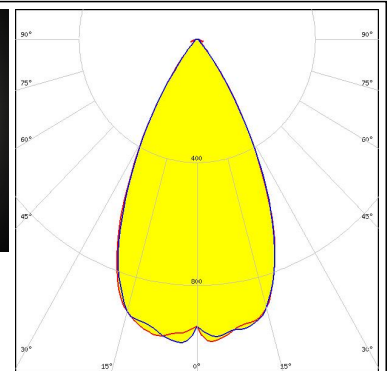
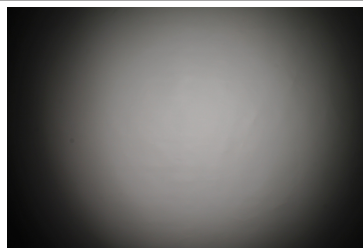
CITIZEN

LED CLL03x/CLU03x
 Ordering code CP18778_YASMEEN-70-WW-C2-WHT
 FWHM / FWTM 52.0° / 78.0°
 Efficiency 89 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C

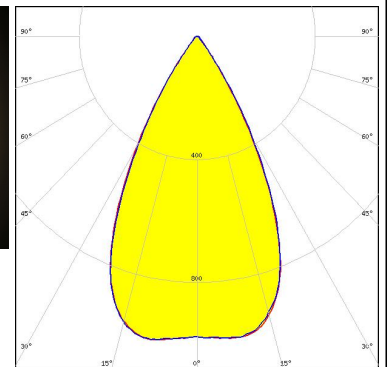
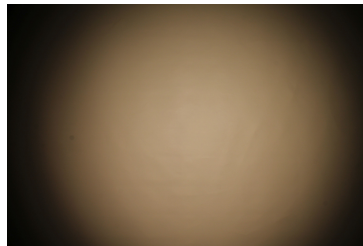


CITIZEN

LED CLL03x/CLU03x
 Ordering code CP18764_YASMEEN-70-WW-C2
 FWHM / FWTM 52.0° / 76.0°
 Efficiency 80 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



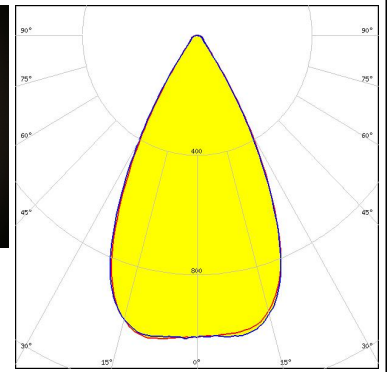
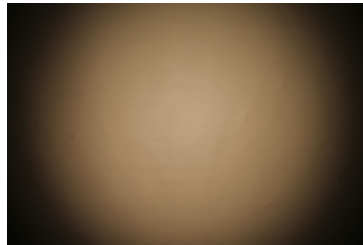
LED CMA1516
 Ordering code CP18764_YASMEEN-70-WW-C2
 FWHM / FWTM 55.0° / 75.0°
 Efficiency 81 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



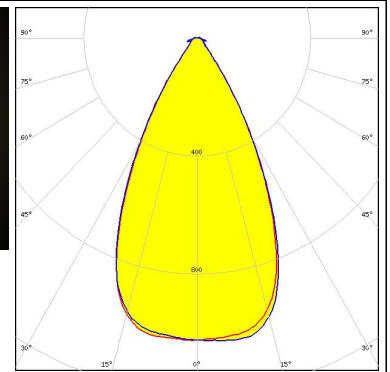
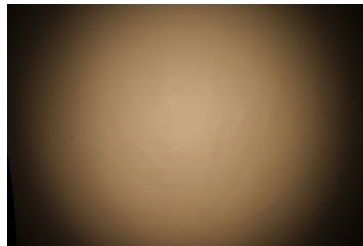
OPTICAL RESULTS (MEASURED):



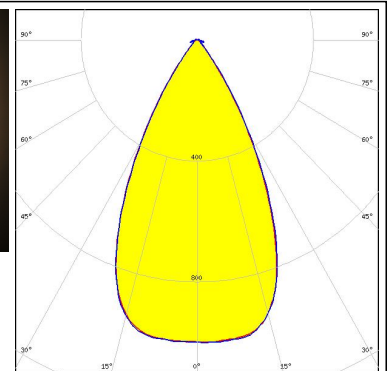
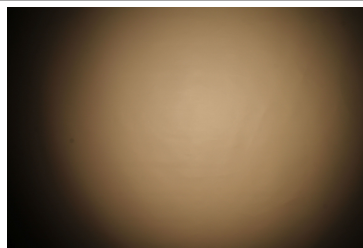
LED CMA1516
Ordering code CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM 55.0° / 77.0°
Efficiency 90 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17436_HEKLA-G2-D



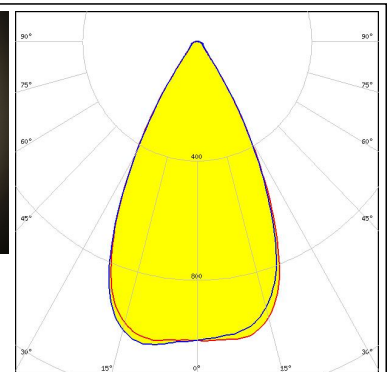
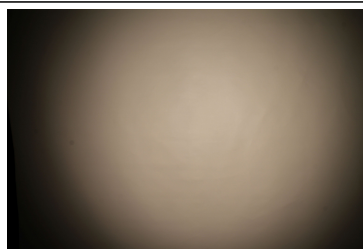
LED CMA1825
Ordering code CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM 54.0° / 78.0°
Efficiency 90 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15254_HEKLA-SOCKET-B



LED CMA1825
Ordering code CP18764_YASMEEN-70-WW-C2
FWHM / FWTM 54.0° / 76.0°
Efficiency 81 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15254_HEKLA-SOCKET-B



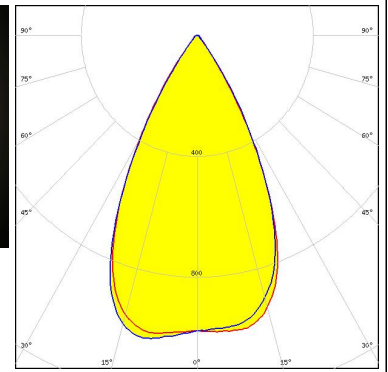
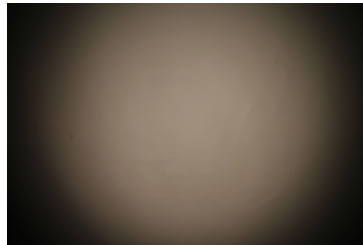
LED CMT14xx
Ordering code CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM 55.0° / 77.0°
Efficiency 90 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



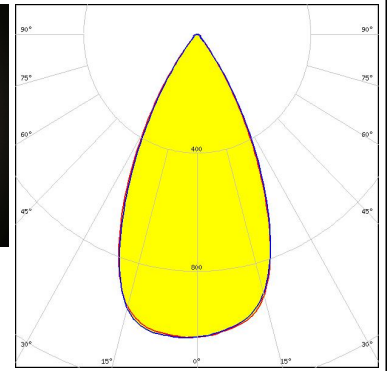
OPTICAL RESULTS (MEASURED):



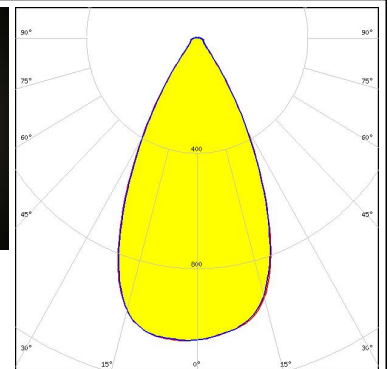
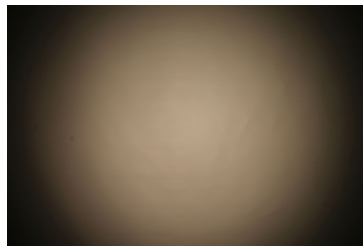
LED CMT14xx
Ordering code CP18764_YASMEEN-70-WW-C2
FWHM / FWTM 55.0° / 75.0°
Efficiency 81 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17435_HEKLA-G2-C



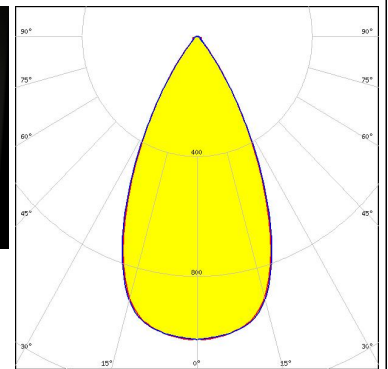
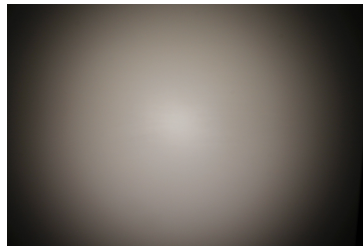
LED CMT19xx
Ordering code CP18764_YASMEEN-70-WW-C2
FWHM / FWTM 52.0° / 76.0°
Efficiency 80 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17438_HEKLA-G2-I



LED CMT19xx
Ordering code CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM 52.0° / 78.0°
Efficiency 89 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17438_HEKLA-G2-I



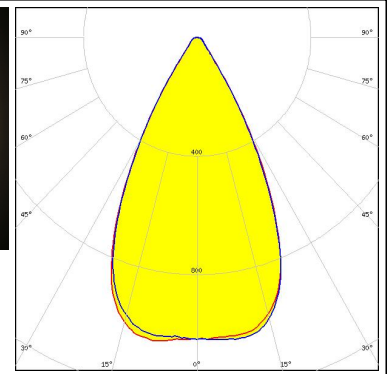
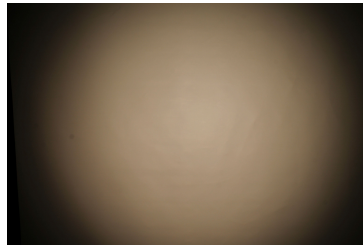
LED CMU15xx
Ordering code CP18764_YASMEEN-70-WW-C2
FWHM / FWTM 52.0° / 77.0°
Efficiency 79 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17438_HEKLA-G2-I



OPTICAL RESULTS (MEASURED):

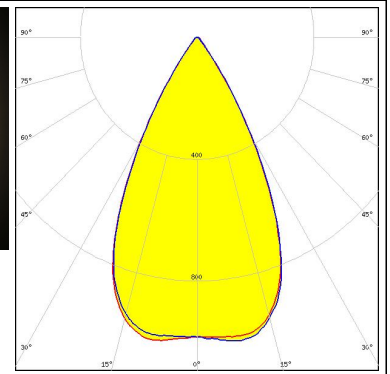
LUMILEDS

LED LUXEON CoB 1202/1203
 Ordering code CP18778_YASMEEN-70-WW-C2-WHT
 FWHM / FWTM 55.0° / 76.0°
 Efficiency 90 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



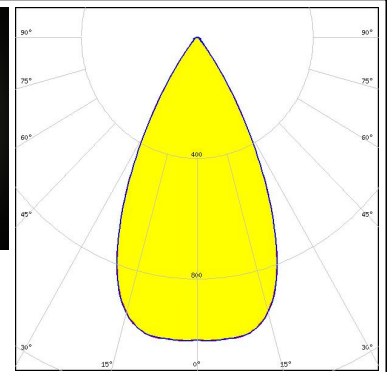
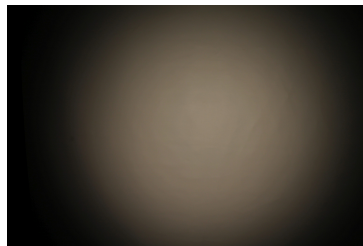
LUMILEDS

LED LUXEON CoB 1202/1203
 Ordering code CP18764_YASMEEN-70-WW-C2
 FWHM / FWTM 55.0° / 74.0°
 Efficiency 81 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



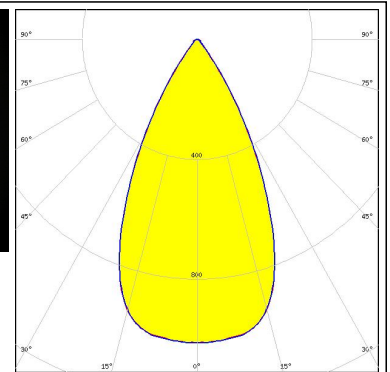
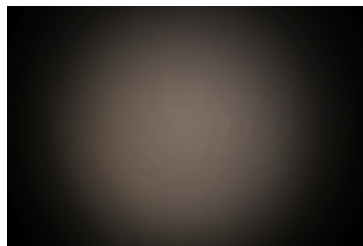
NICHIA

LED COB L-Type (LES 11)
 Ordering code CP18764_YASMEEN-70-WW-C2
 FWHM / FWTM 54.0° / 75.0°
 Efficiency 80 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



NICHIA

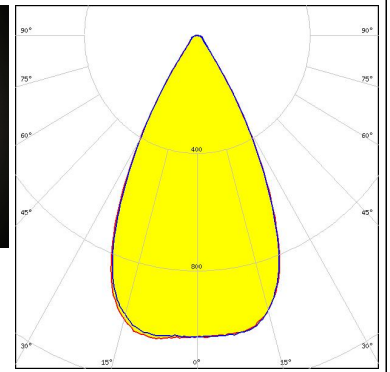
LED COB S-Type (LES 7)
 Ordering code CP18764_YASMEEN-70-WW-C2
 FWHM / FWTM 53.0° / 76.0°
 Efficiency 80 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



OPTICAL RESULTS (MEASURED):

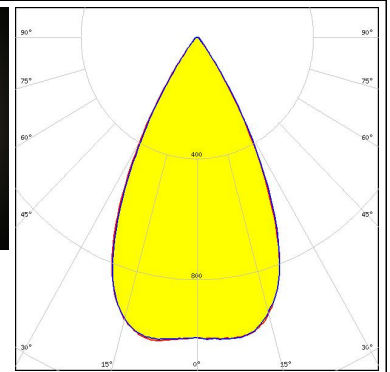
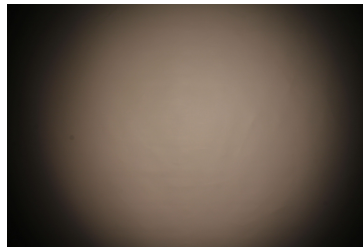
PHILIPS

LED Fortimo SLM L09 CoB
 Ordering code CP18778_YASMEEN-70-WW-C2-WHT
 FWHM / FWTM 54.0° / 76.0°
 Efficiency 90 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



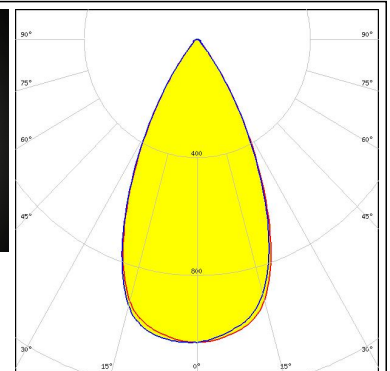
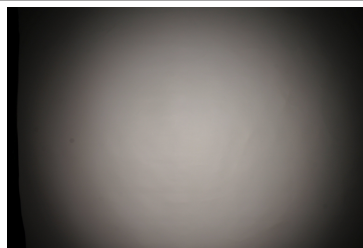
PHILIPS

LED Fortimo SLM L09 CoB
 Ordering code CP18764_YASMEEN-70-WW-C2
 FWHM / FWTM 54.0° / 74.0°
 Efficiency 81 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



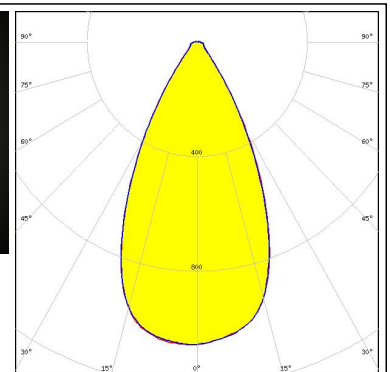
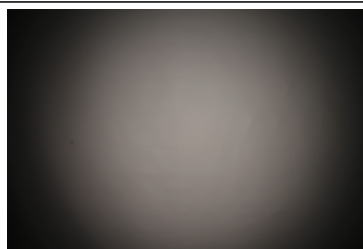
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 Ordering code CP18764_YASMEEN-70-WW-C2
 FWHM / FWTM 52.0° / 77.0°
 Efficiency 80 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



SAMSUNG

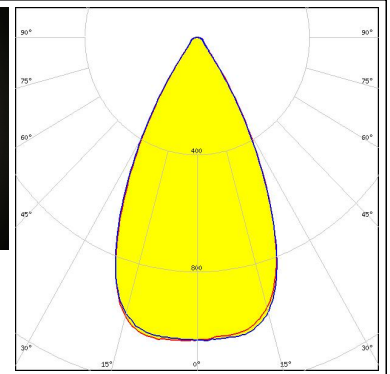
LED LC016D / LC019D / LC026D / LC033D
 Ordering code CP18778_YASMEEN-70-WW-C2-WHT
 FWHM / FWTM 52.0° / 79.0°
 Efficiency 89 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



OPTICAL RESULTS (MEASURED):

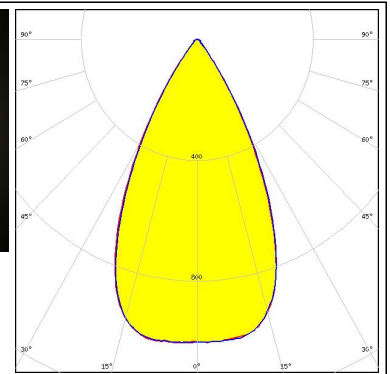
SAMSUNG

LED LC030C/040C G2
 Ordering code CP18778_YASMEEN-70-WW-C2-WHT
 FWHM / FWTM 54.0° / 78.0°
 Efficiency 90 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



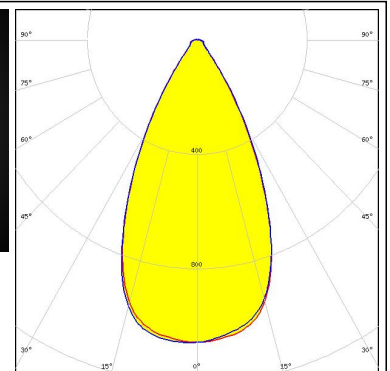
SAMSUNG

LED LC030C/040C G2
 Ordering code CP18764_YASMEEN-70-WW-C2
 FWHM / FWTM 54.0° / 75.0°
 Efficiency 81 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



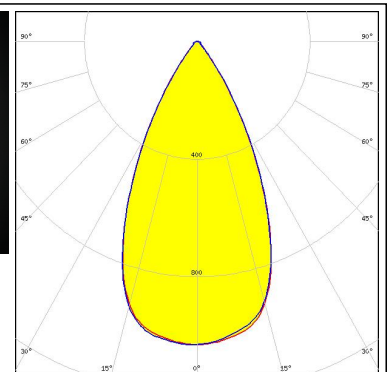
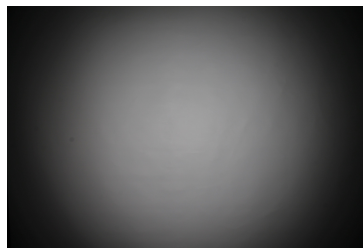
SEOUL SEMICONDUCTOR

LED MJT COB LES 14.5
 Ordering code CP18778_YASMEEN-70-WW-C2-WHT
 FWHM / FWTM 52.0° / 79.0°
 Efficiency 89 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



SEOUL SEMICONDUCTOR

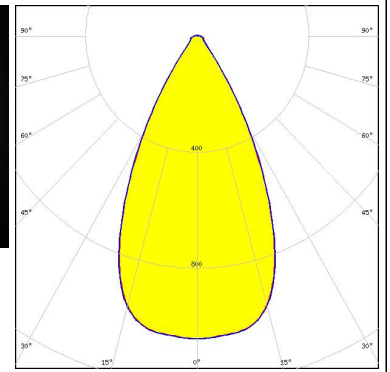
LED MJT COB LES 14.5
 Ordering code CP18764_YASMEEN-70-WW-C2
 FWHM / FWTM 52.0° / 77.0°
 Efficiency 80 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



OPTICAL RESULTS (MEASURED):

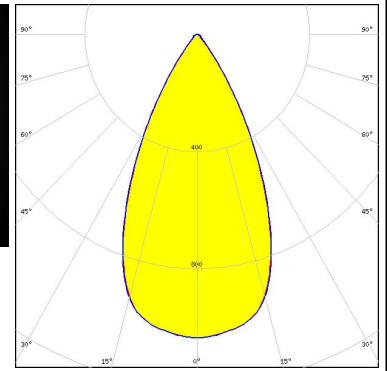
TRIDONIC

LED SLE G7 LES13
Ordering code CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM 53.0° / 78.0°
Efficiency 90 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



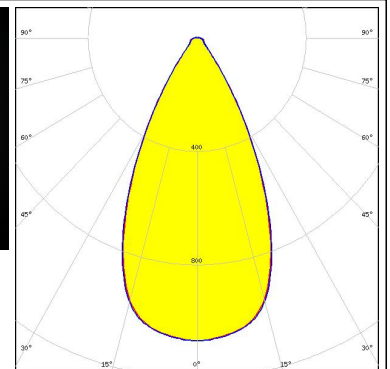
TRIDONIC

LED SLE G7 LES15
Ordering code CP18764_YASMEEN-70-WW-C2
FWHM / FWTM 52.0° / 76.0°
Efficiency 80 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



TRIDONIC

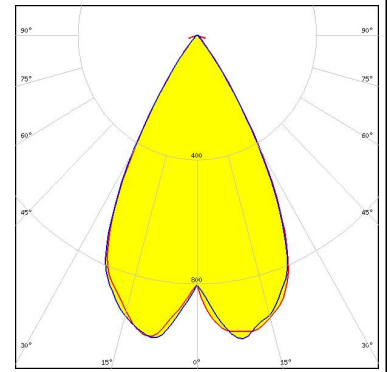
LED SLE G7 LES15
Ordering code CP18778_YASMEEN-70-WW-C2-WHT
FWHM / FWTM 52.0° / 78.0°
Efficiency 90 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



OPTICAL RESULTS (SIMULATED):

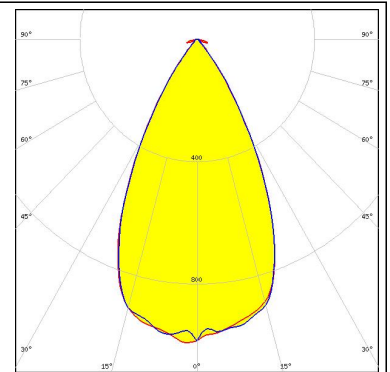


LED V6 HD Gen 7
Ordering code CP18764_YASMEEN-70-WW-C2
FWHM / FWTM 58.0° / 76.0°
Efficiency 83 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



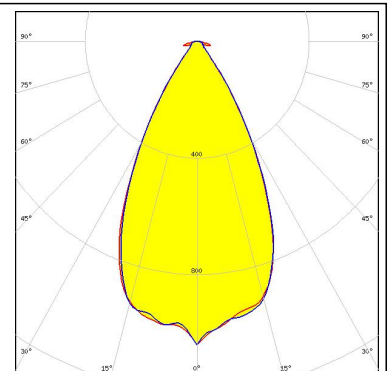
CITIZEN

LED CLL03x/CLU03x
Ordering code CP18771_YASMEEN-70-WW-B2
FWHM / FWTM 54.0° / 78.0°
Efficiency 79 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1010



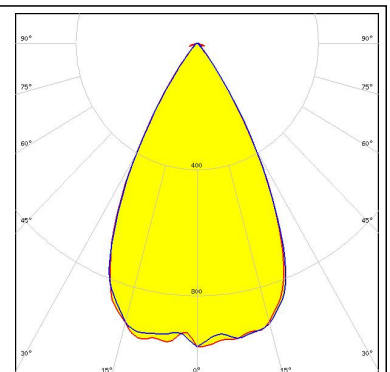
CITIZEN

LED CLL03x/CLU03x
Ordering code CP18785_YASMEEN-70-WW-B2-WHT
FWHM / FWTM 54.0° / 80.0°
Efficiency 89 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1010



CITIZEN

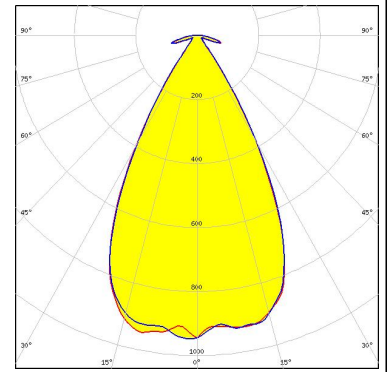
LED CLU712/713
Ordering code CP18764_YASMEEN-70-WW-C2
FWHM / FWTM 56.0° / 76.0°
Efficiency 81 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



OPTICAL RESULTS (SIMULATED):

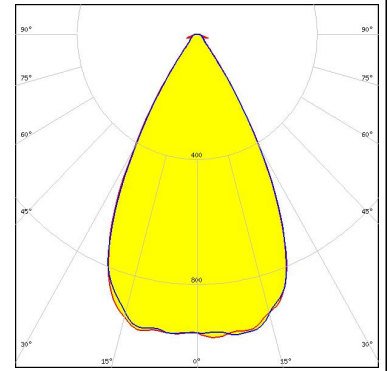
CITIZEN

LED CLU712/713
 Ordering code C17241_YASMEEN-70-WW
 FWHM / FWTM 57.0° / 76.0°
 Efficiency 92 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



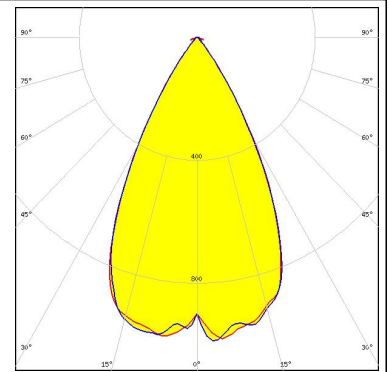
CITIZEN

LED CLU712/713
 Ordering code CP18778_YASMEEN-70-WW-C2-WHT
 FWHM / FWTM 58.0° / 78.0°
 Efficiency 90 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



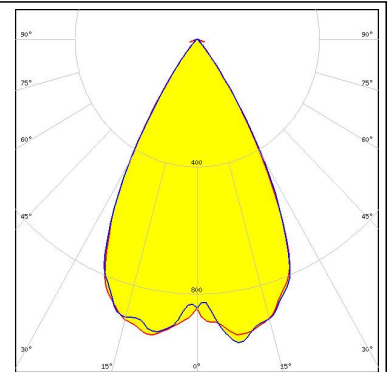
CREE LED

LED CMU10xx
 Ordering code CP18764_YASMEEN-70-WW-C2
 FWHM / FWTM 56.0° / 76.0°
 Efficiency 81 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



CREE LED

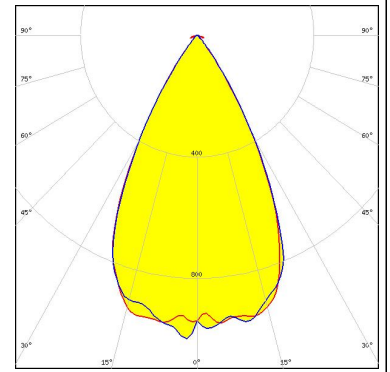
LED CXA/B 13xx
 Ordering code CP18764_YASMEEN-70-WW-C2
 FWHM / FWTM 58.0° / 76.0°
 Efficiency 82 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17439_HEKLA-G2-J



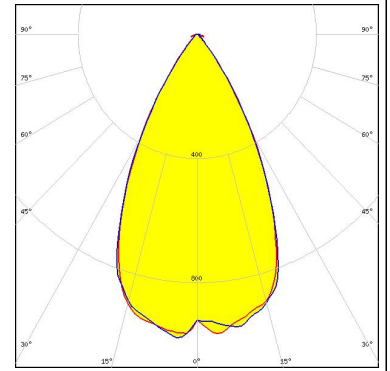
OPTICAL RESULTS (SIMULATED):



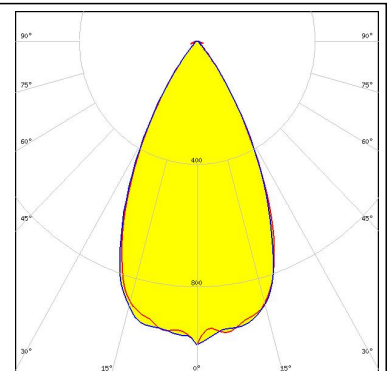
LED CXA/B 15xx
Ordering code CP18764_YASMEEN-70-WW-C2
FWHM / FWTM 56.0° / 76.0°
Efficiency 80 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17436_HEKLA-G2-D



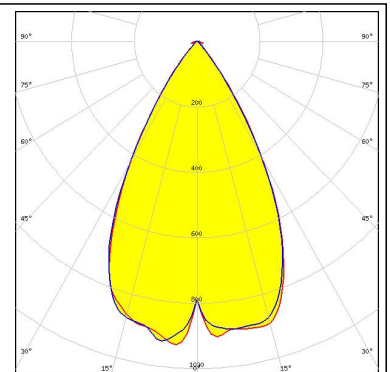
LED CXA/B 1830
Ordering code CP18764_YASMEEN-70-WW-C2
FWHM / FWTM 54.0° / 78.0°
Efficiency 79 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 637b Hekla



LED CxM-14 (19x19)
Ordering code CP18764_YASMEEN-70-WW-C2
FWHM / FWTM 54.0° / 78.0°
Efficiency 78 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17438_HEKLA-G2-I



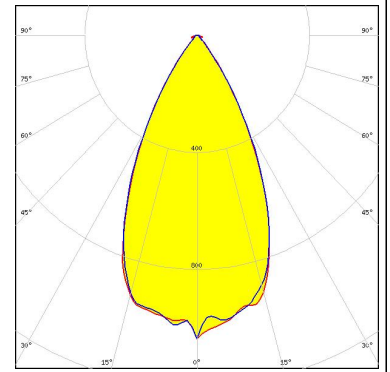
LED NVCWJ024Z-V1MT: COB J-Type Tunable White
Ordering code CP18764_YASMEEN-70-WW-C2
FWHM / FWTM 58.0° / 80.0°
Efficiency 81 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 498 Typ L8 HV



OPTICAL RESULTS (SIMULATED):

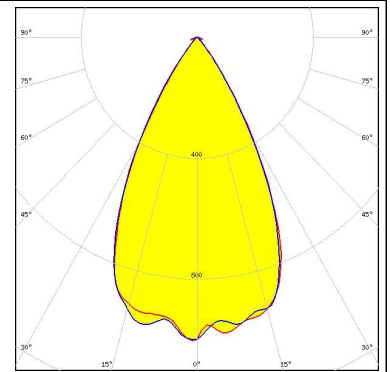
OSRAM

LED PrevaLED Core G7 LES15 CoB
Ordering code CP18764_YASMEEN-70-WW-C2
FWHM / FWTM 52.0° / 78.0°
Efficiency 78 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



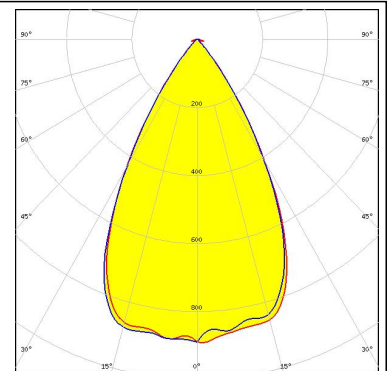
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
Ordering code CP18764_YASMEEN-70-WW-C2
FWHM / FWTM 56.0° / 76.0°
Efficiency 80 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



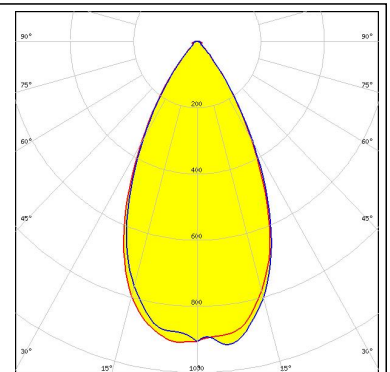
SAMSUNG

LED LC020T (Tunable white)
Ordering code C17241_YASMEEN-70-WW
FWHM / FWTM 59.0° / 80.0°
Efficiency 81 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LC035T (Tunable white)
Ordering code C17241_YASMEEN-70-WW
FWHM / FWTM 54.0° / 82.0°
Efficiency 75 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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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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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