

YASMEEN-70-S

~15° spot beam. Assembly with holder C (LEDiL HEKLA) and B (BJB and B+W). Black and white versions.

SPECIFICATION:

Dimensions	Ø 70.0 mm
Height	37.7 mm
Fastening	socket
ROHS compliant	yes ⓘ

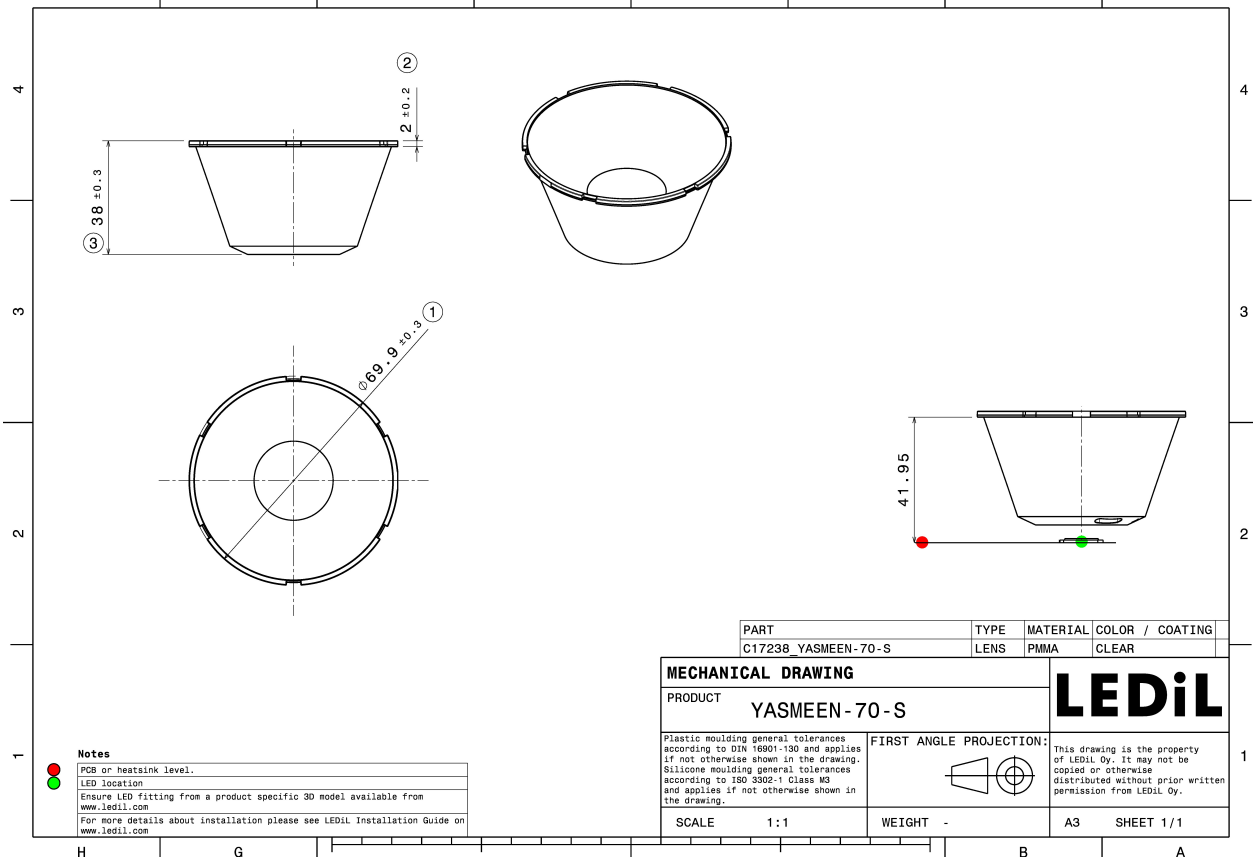
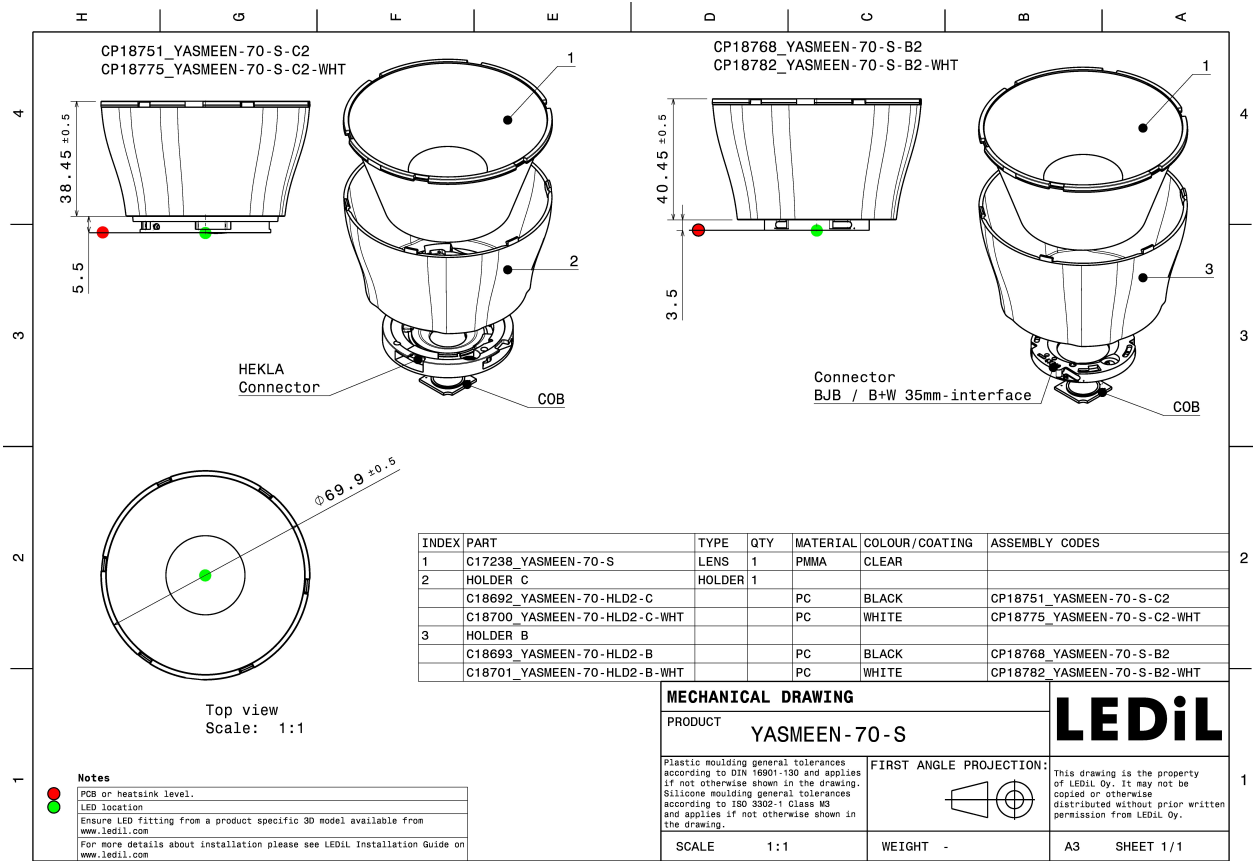


MATERIALS:

Component	Type	Material	Colour	Finish
YASMEEN-70-S	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	

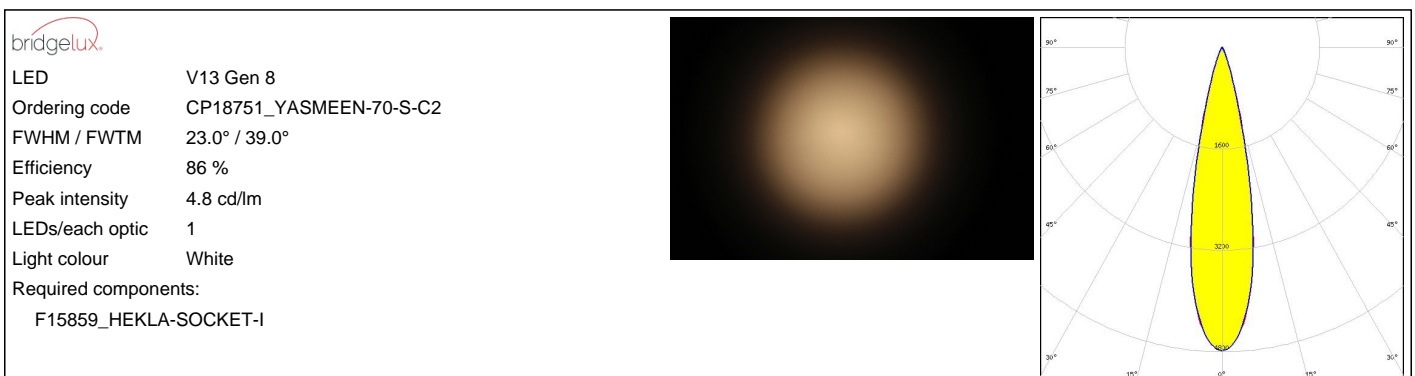
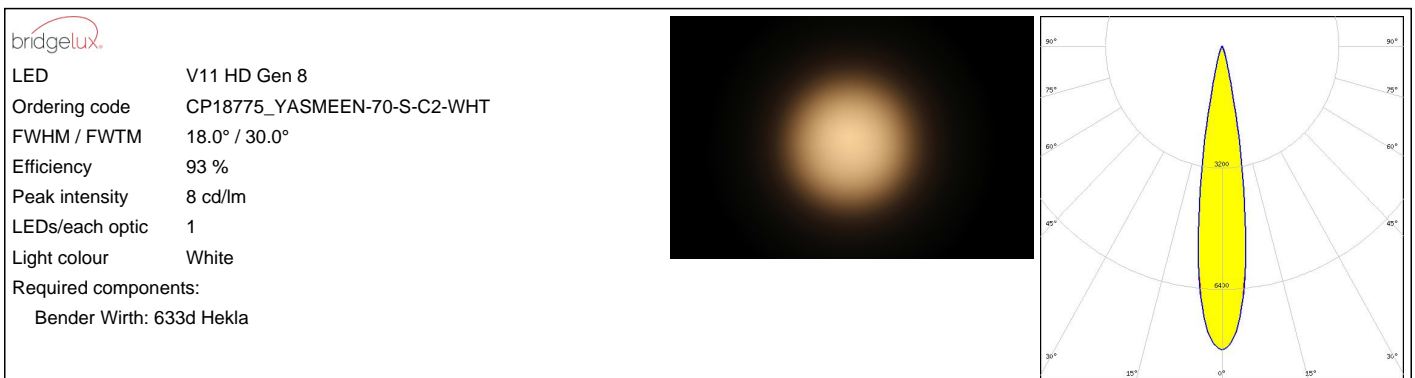
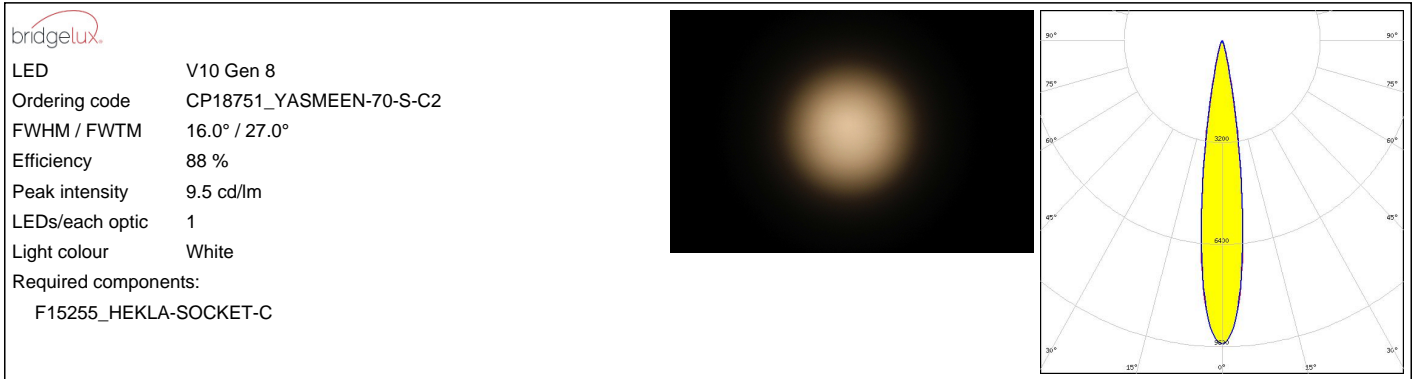
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17238_YASMEEN-70-S	105	105	15	8.0
Assembly				
CP18782_YASMEEN-70-S-B2-WHT	105	105	15	9.5
CP18775_YASMEEN-70-S-C2-WHT	105	105	15	9.4
CP18768_YASMEEN-70-S-B2	105	105	15	9.5
CP18751_YASMEEN-70-S-C2	105	105	15	9.4

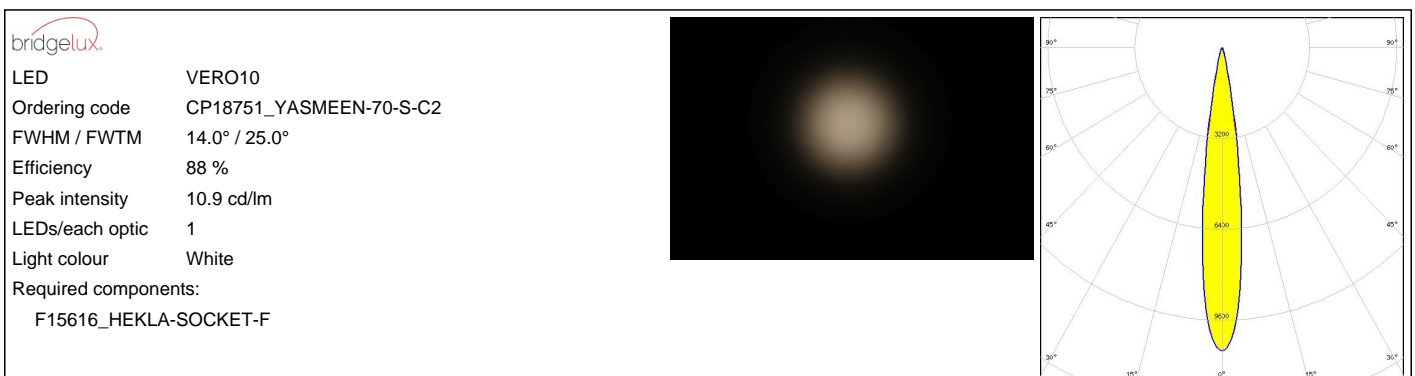
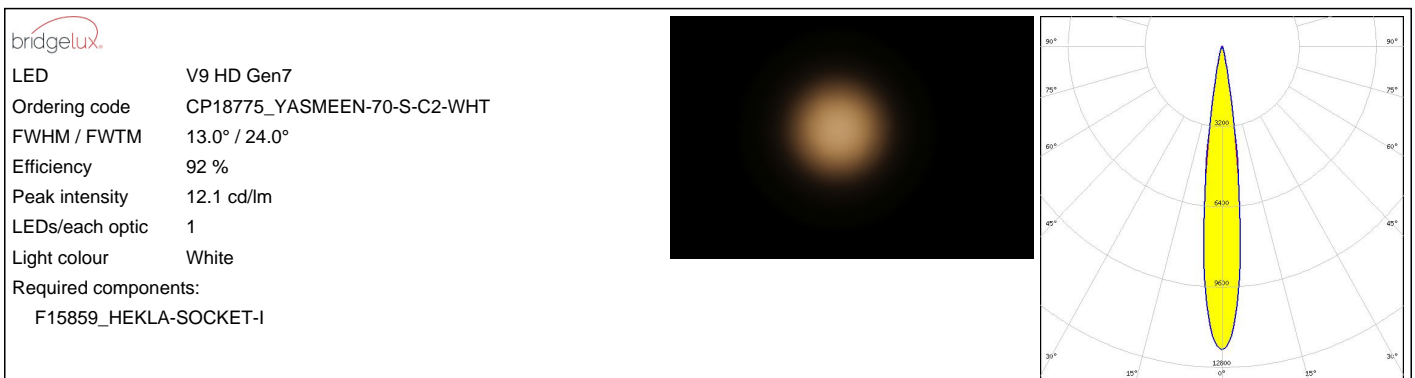
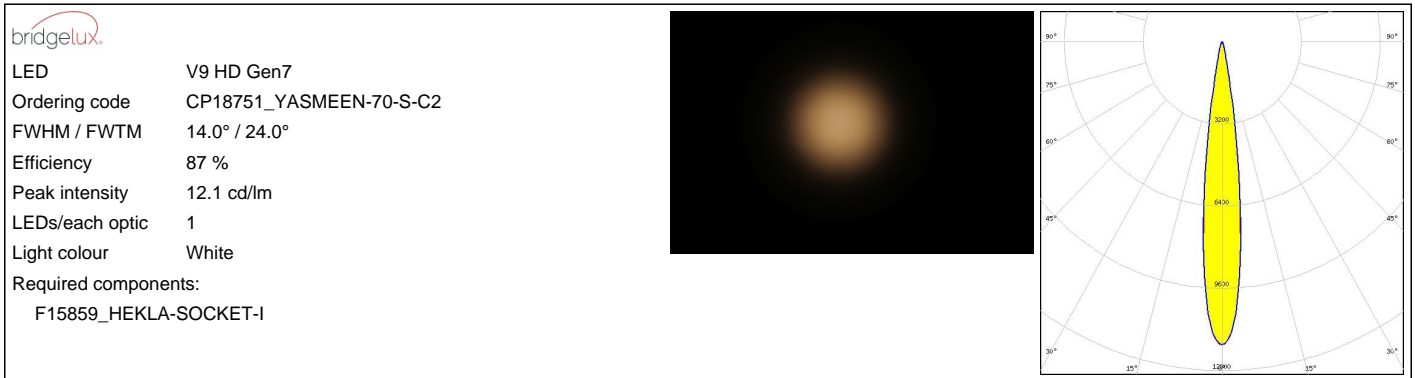


See also our general installation guide: www.ledil.com/installation_guide

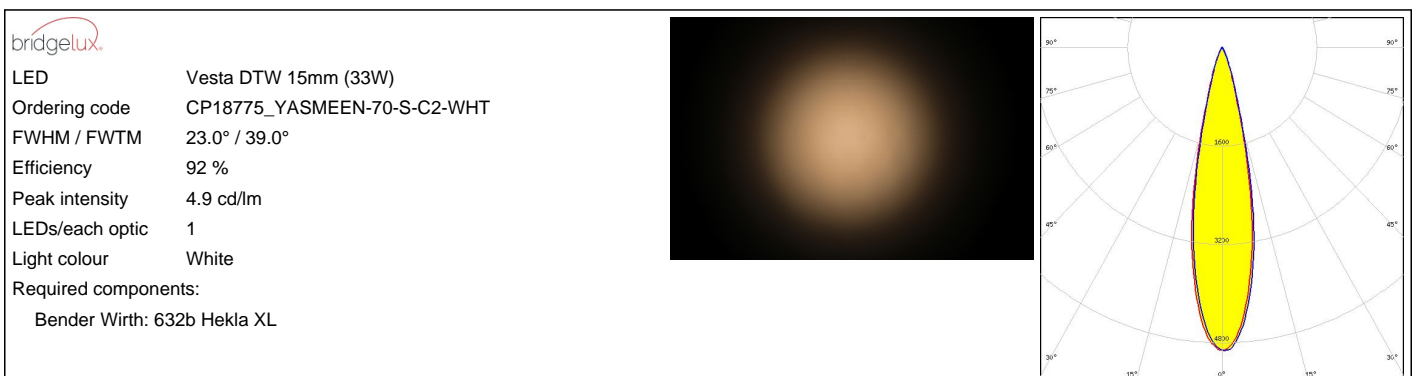
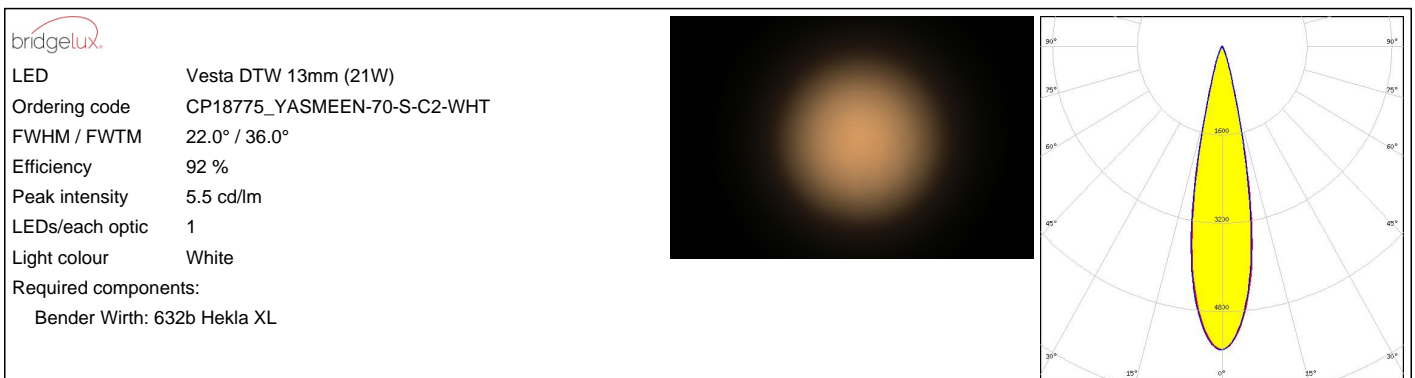
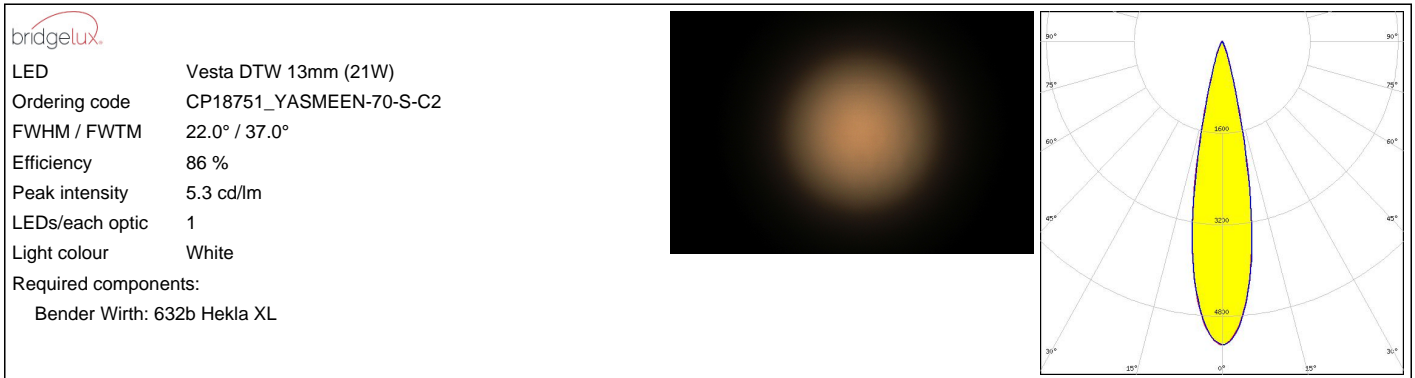
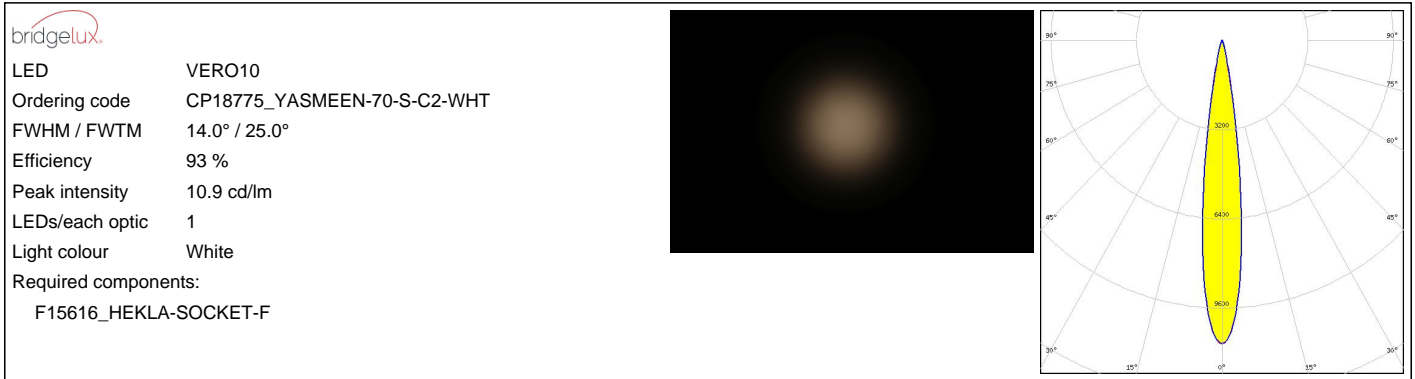
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (MEASURED):



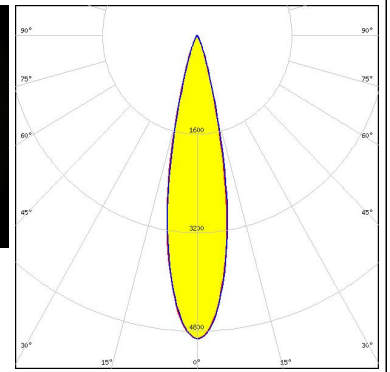
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (MEASURED):

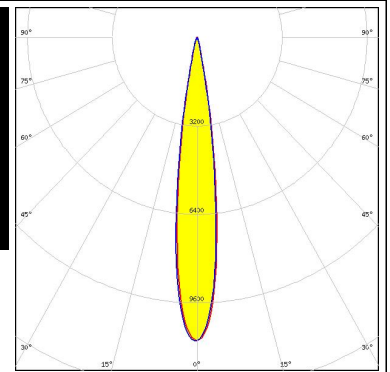
bridgelux

LED Vesta DTW 15mm (33W)
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 23.0° / 39.0°
 Efficiency 86 %
 Peak intensity 4.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 632b Hekla XL



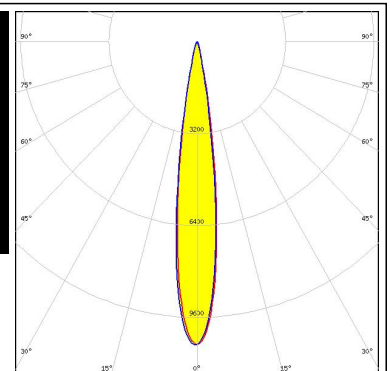
bridgelux

LED Vesta DTW 9mm (4W/6W/12W)
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 15.0° / 25.0°
 Efficiency 93 %
 Peak intensity 11 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 652b Hekla



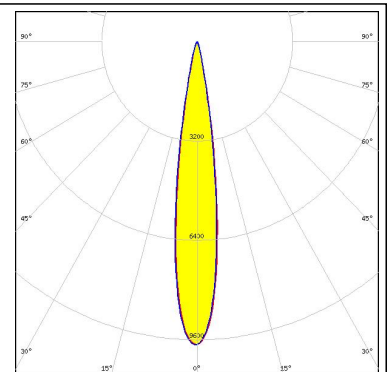
bridgelux

LED Vesta DTW 9mm (4W/6W/12W)
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 15.0° / 26.0°
 Efficiency 88 %
 Peak intensity 10.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 652b Hekla



CITIZEN

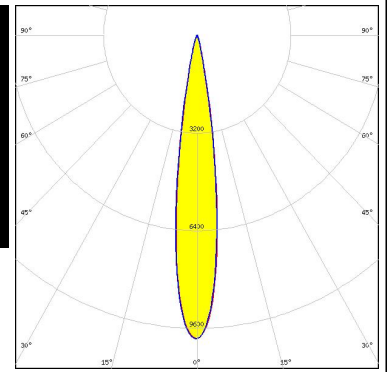
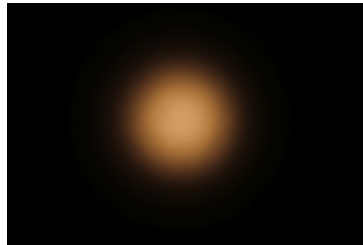
LED CLL02x/CLU02x (LES10)
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 15.5° / 26.5 + 27.0°
 Efficiency 87 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



OPTICAL RESULTS (MEASURED):

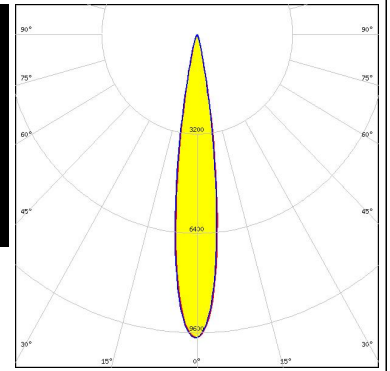
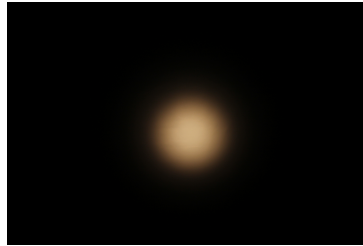
CITIZEN

LED CLL02x/CLU02x (LES10)
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 15.5° / 26.5°
Efficiency 92 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



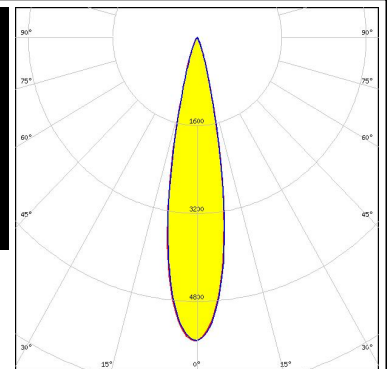
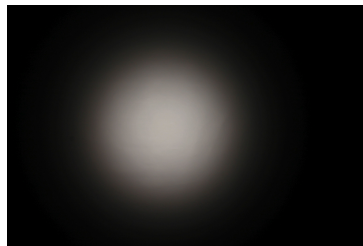
CITIZEN

LED CLL02x/CLU02x (LES10)
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 15.0° / 27.0°
Efficiency 87 %
Peak intensity 9.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



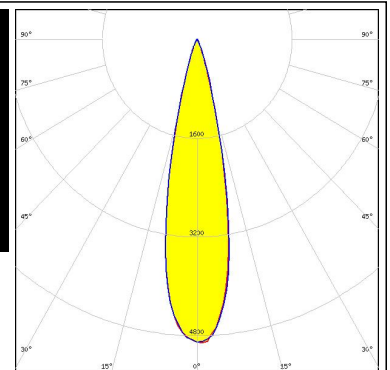
CITIZEN

LED CLL03x/CLU03x
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 21.0° / 36.5°
Efficiency 85 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



CITIZEN

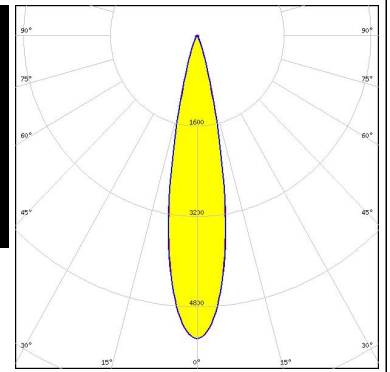
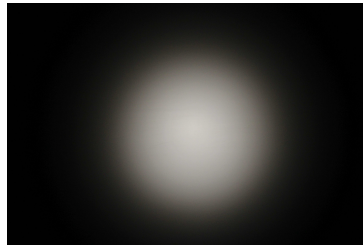
LED CLL03x/CLU03x
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 21.0° / 37.0°
Efficiency 92 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



OPTICAL RESULTS (MEASURED):

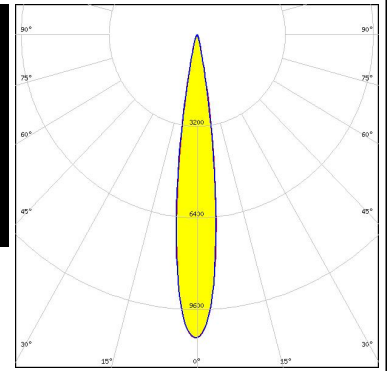
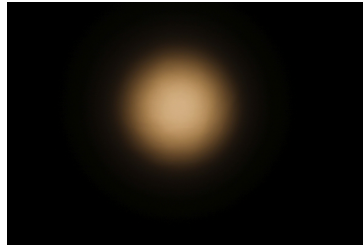
CITIZEN

LED CLL03x/CLU03x
 Ordering code CP18768_YASMEEN-70-S-B2
 FWHM / FWTM 21.0° / 37.0°
 Efficiency 86 %
 Peak intensity 5.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1010



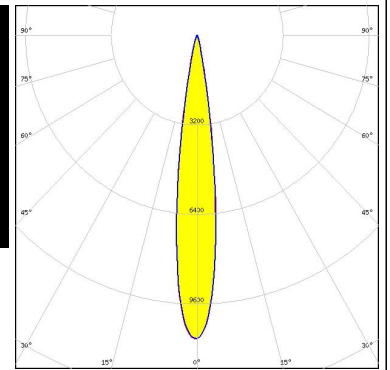
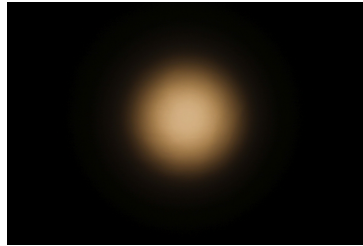
CREE LED

LED CMA1516
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 14.0° / 25.0°
 Efficiency 87 %
 Peak intensity 10.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



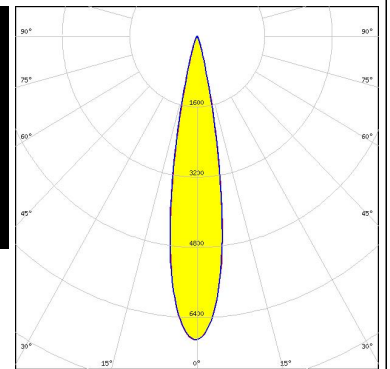
CREE LED

LED CMA1516
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 14.0° / 25.0°
 Efficiency 93 %
 Peak intensity 10.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



CREE LED

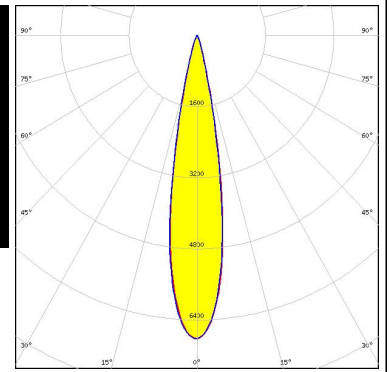
LED CMA1825
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 19.0° / 32.0°
 Efficiency 93 %
 Peak intensity 6.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15254_HEKLA-SOCKET-B



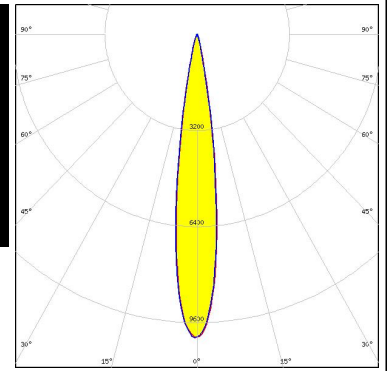
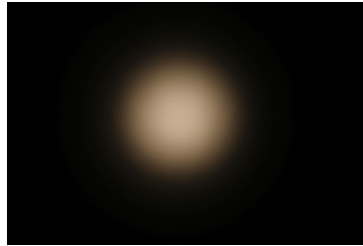
OPTICAL RESULTS (MEASURED):



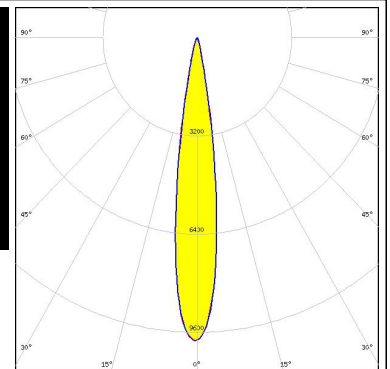
LED CMA1825
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 19.0° / 32.0°
Efficiency 87 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F15254_HEKLA-SOCKET-B



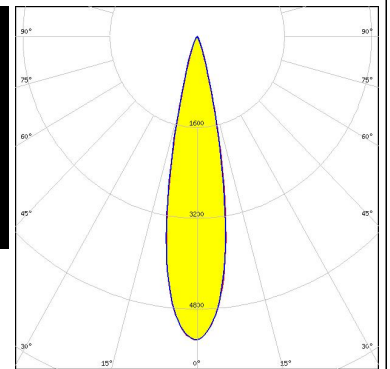
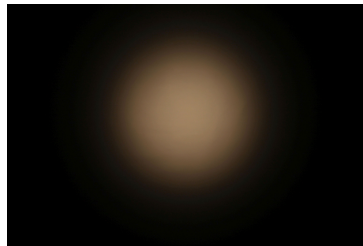
LED CMT14xx
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 15.0° / 26.0°
Efficiency 92 %
Peak intensity 10.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17435_HEKLA-G2-C



LED CMT14xx
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 15.0° / 26.0°
Efficiency 86 %
Peak intensity 10.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17435_HEKLA-G2-C



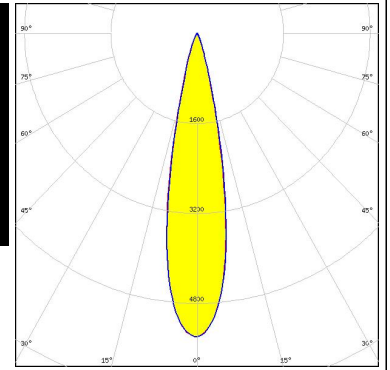
LED CMT19xx
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 21.0° / 36.0°
Efficiency 85 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17438_HEKLA-G2-I



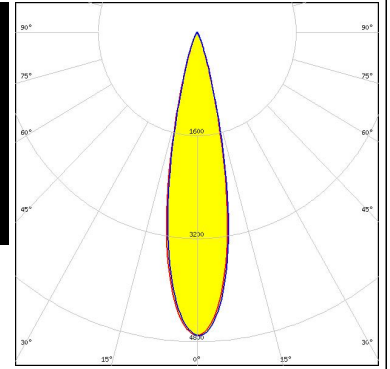
OPTICAL RESULTS (MEASURED):



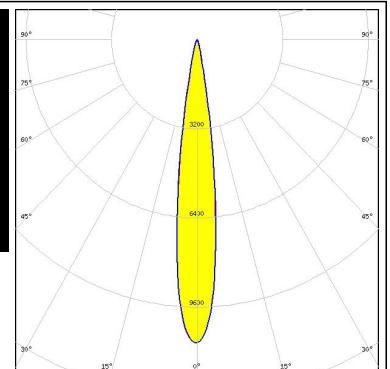
LED CMT19xx
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 21.0° / 36.0°
Efficiency 92 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17438_HEKLA-G2-I



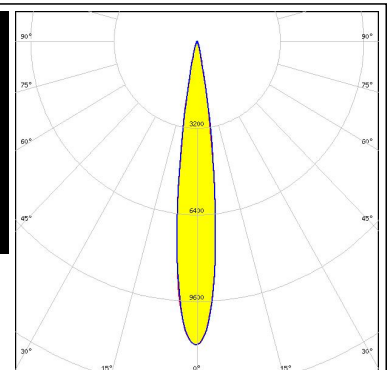
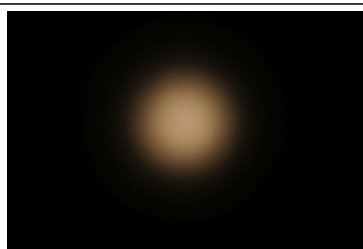
LED CMU15xx
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 23.0° / 39.0°
Efficiency 84 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17438_HEKLA-G2-I



LED LUXEON CoB 1202/1203
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 14.0° / 24.0°
Efficiency 86 %
Peak intensity 11.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17437_HEKLA-G2-H



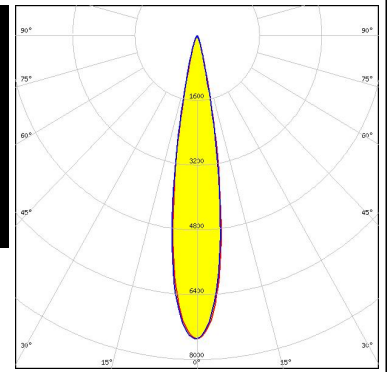
LED LUXEON CoB 1202/1203
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 14.0° / 24.0°
Efficiency 92 %
Peak intensity 11.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17437_HEKLA-G2-H



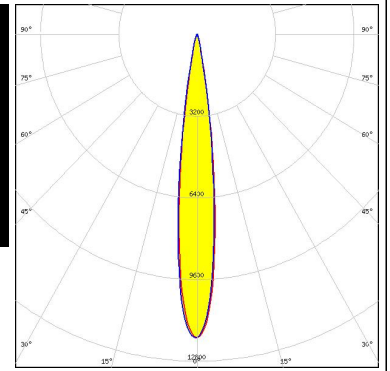
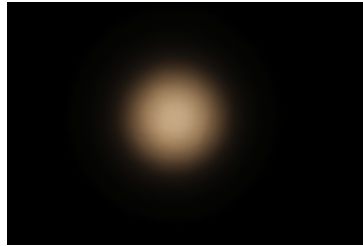
OPTICAL RESULTS (MEASURED):



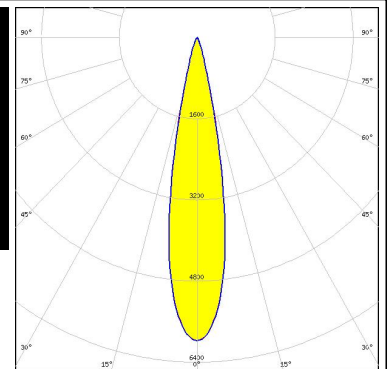
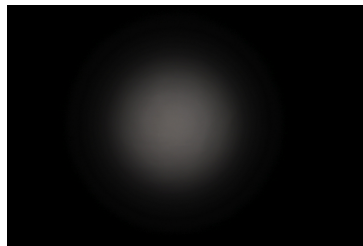
LED COB L-Type (LES 11)
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 17.0° / 30.0°
Efficiency 86 %
Peak intensity 7.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17437_HEKLA-G2-H



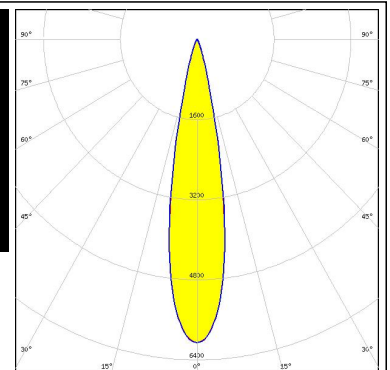
LED COB L-Type (LES 9)
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 13.0° / 24.0°
Efficiency 92 %
Peak intensity 11.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17437_HEKLA-G2-H



LED COB S-Type (LES 7)
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 20.0° / 34.0°
Efficiency 85 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17438_HEKLA-G2-I



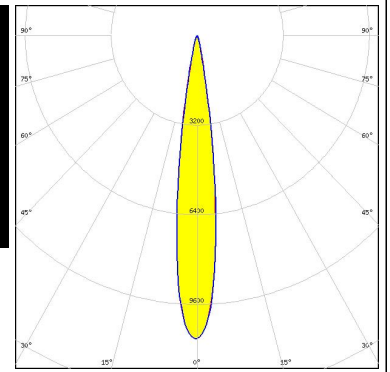
LED COB S-Type (LES 7)
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 20.0° / 34.0°
Efficiency 92 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17438_HEKLA-G2-I



OPTICAL RESULTS (MEASURED):

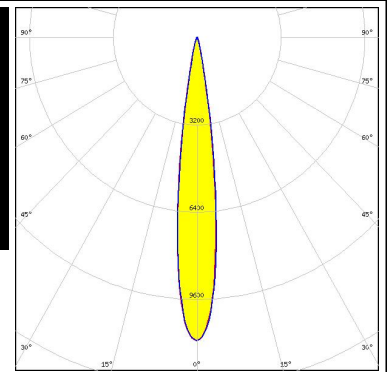
PHILIPS

LED Fortimo SLM L09 CoB
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 14.0° / 25.0°
Efficiency 86 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17437_HEKLA-G2-H



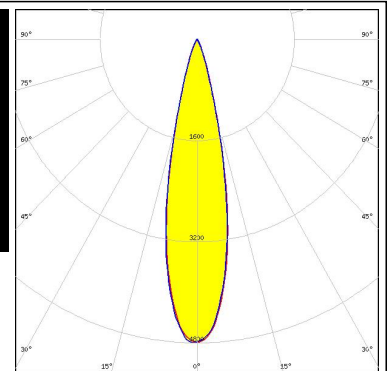
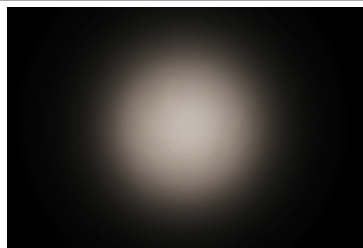
PHILIPS

LED Fortimo SLM L09 CoB
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 14.0° / 25.0°
Efficiency 92 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17437_HEKLA-G2-H



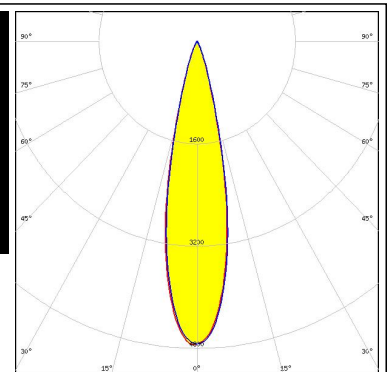
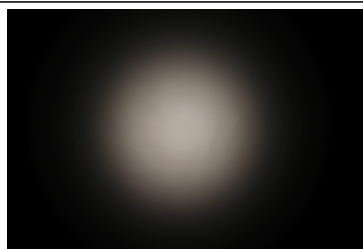
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 23.0° / 40.0°
Efficiency 92 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



SAMSUNG

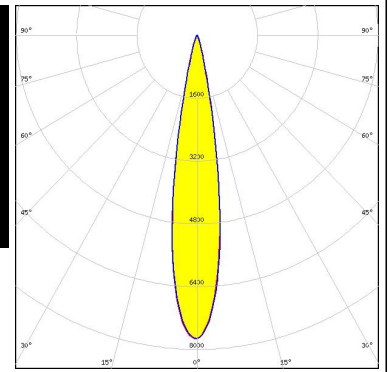
LED LC016D / LC019D / LC026D / LC033D
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 23.0° / 39.0°
Efficiency 85 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



OPTICAL RESULTS (MEASURED):

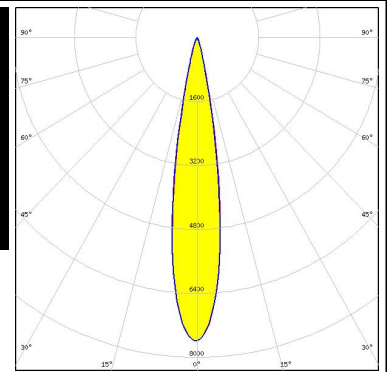
SAMSUNG

LED LC030C/040C G2
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 17.0° / 30.0°
 Efficiency 92 %
 Peak intensity 7.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I

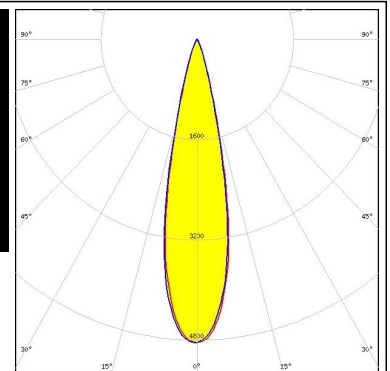
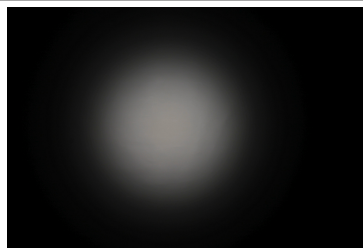


SAMSUNG

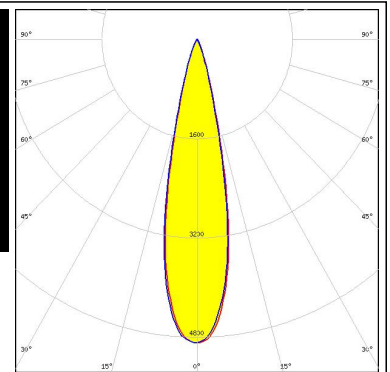
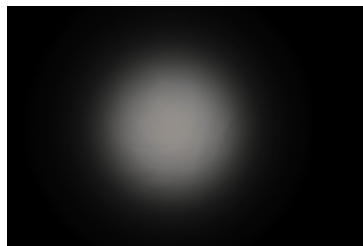
LED LC030C/040C G2
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 17.0° / 30.0°
 Efficiency 86 %
 Peak intensity 7.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



SEOUL SEMICONDUCTOR
 LED MJT COB LES 14.5
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 23.0° / 38.0°
 Efficiency 85 %
 Peak intensity 4.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



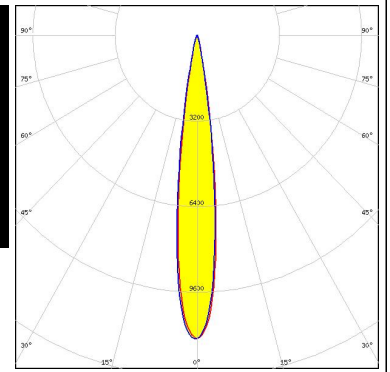
SEOUL SEMICONDUCTOR
 LED MJT COB LES 14.5
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 23.0° / 39.0°
 Efficiency 92 %
 Peak intensity 4.9 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



OPTICAL RESULTS (MEASURED):

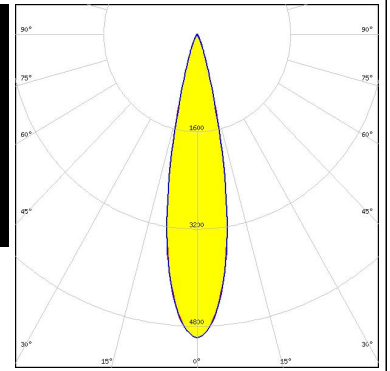
TRIDONIC

LED SLE G7 LES09
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 15.0° / 25.0°
Efficiency 93 %
Peak intensity 11.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



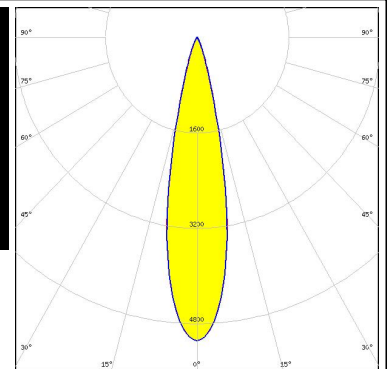
TRIDONIC

LED SLE G7 LES15
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 22.0° / 38.0°
Efficiency 85 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



TRIDONIC

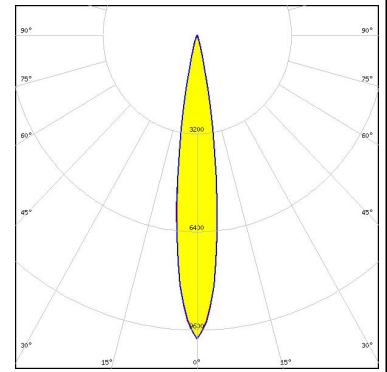
LED SLE G7 LES15
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 22.0° / 38.0°
Efficiency 92 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



OPTICAL RESULTS (SIMULATED):

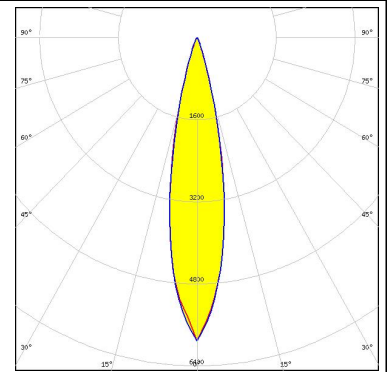
bridgelux.

LED V10 Gen 8
 Ordering code CP18768_YASMEEN-70-S-B2
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 88 %
 Peak intensity 9.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



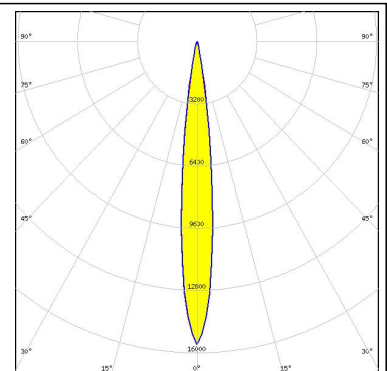
bridgelux.

LED V13 Gen7
 Ordering code C17238_YASMEEN-70-S
 FWHM / FWTM 22.0° / 36.0°
 Efficiency 90 %
 Peak intensity 5.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



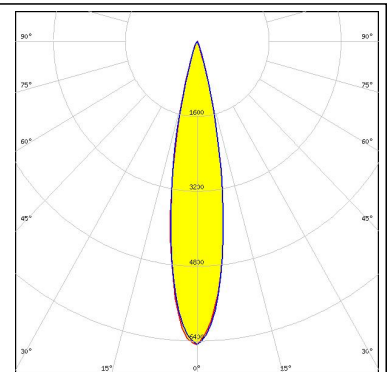
bridgelux.

LED V6 HD Gen 7
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 89 %
 Peak intensity 15.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



bridgelux.

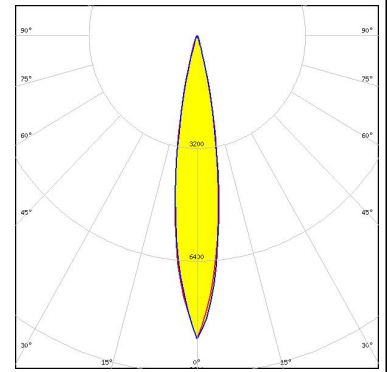
LED Vesta TW 13mm (25W) CSP
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 20.0° / 34.0°
 Efficiency 90 %
 Peak intensity 6.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K



OPTICAL RESULTS (SIMULATED):

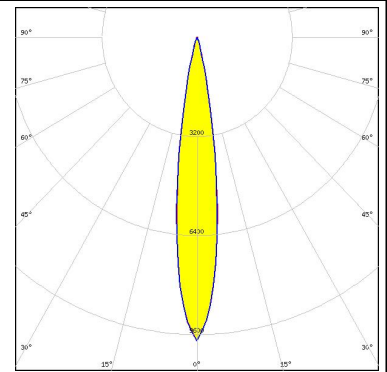


LED Vesta TW 9mm (12W) CSP
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 16.0° / 30.0°
Efficiency 90 %
Peak intensity 8.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C16142_HEKLA-SOCKET-K



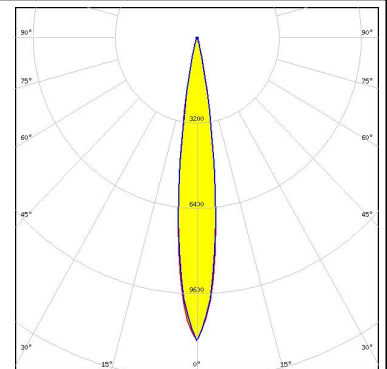
CITIZEN

LED CLL02x/CLU02x (LES10)
Ordering code CP18768_YASMEEN-70-S-B2
FWHM / FWTM 16.0° / 28.0°
Efficiency 88 %
Peak intensity 9.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 BJB: 47.360.1020



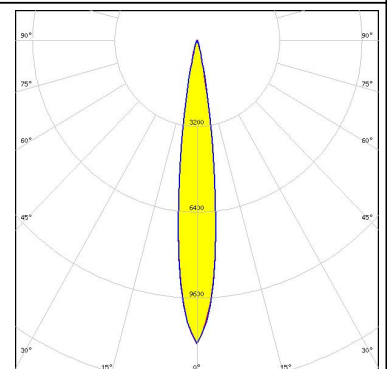
CITIZEN

LED CLU712/713
FWHM / FWTM 14.0° / 26.0°
Efficiency 94 %
Peak intensity 11.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CITIZEN

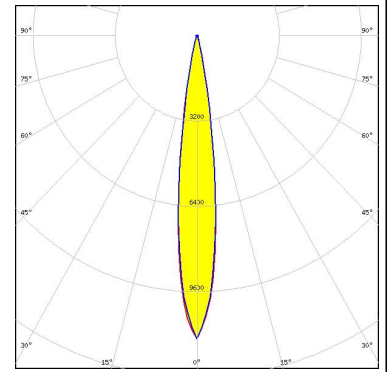
LED CLU712/713
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 14.0° / 26.0°
Efficiency 93 %
Peak intensity 11.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17438_HEKLA-G2-I



OPTICAL RESULTS (SIMULATED):

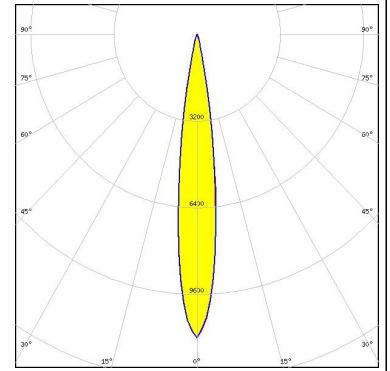
CITIZEN

LED CLU712/713
Ordering code C17238_YASMEEN-70-S
FWHM / FWTM 14.0° / 26.0°
Efficiency 94 %
Peak intensity 11.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



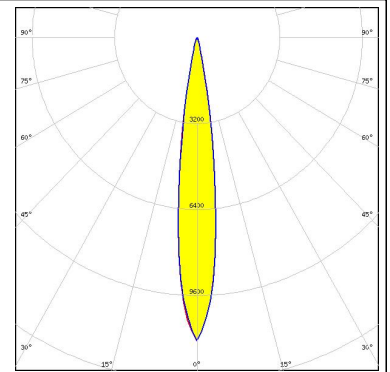
CITIZEN

LED CLU712/713
Ordering code CP18768_YASMEEN-70-S-B2
FWHM / FWTM 14.0° / 26.0°
Efficiency 88 %
Peak intensity 11.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1010



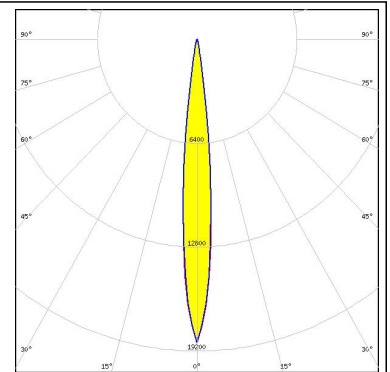
CITIZEN

LED CLU712/713
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 14.0° / 26.0°
Efficiency 87 %
Peak intensity 11.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



CITIZEN

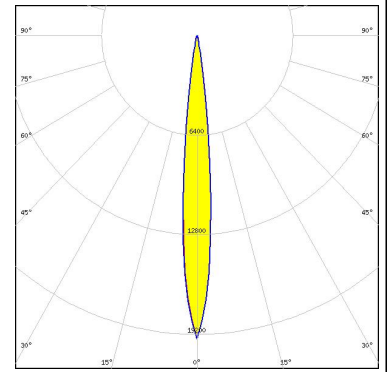
LED CLU7A2/7A3
Ordering code CP18768_YASMEEN-70-S-B2
FWHM / FWTM 10.0° / 20.0°
Efficiency 89 %
Peak intensity 18.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1020



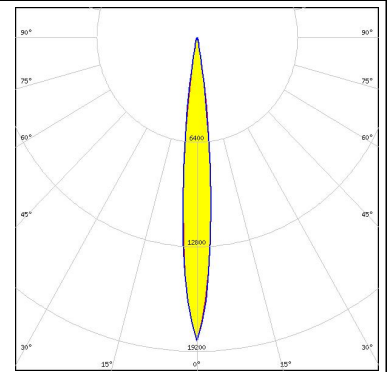
OPTICAL RESULTS (SIMULATED):



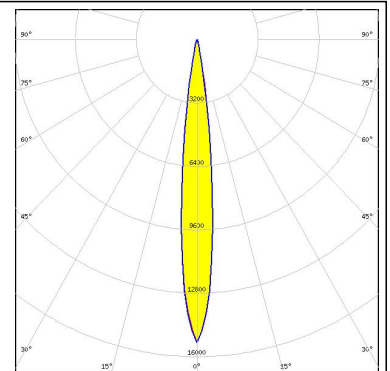
LED: CHA0304
Ordering code: CP18751_YASMEEN-70-S-C2
FWHM / FWTM: 10.0° / 20.0°
Efficiency: 88 %
Peak intensity: 19.5 cd/lm
LEDs/each optic: 1
Light colour: White
Required components:
F17435_HEKLA-G2-C



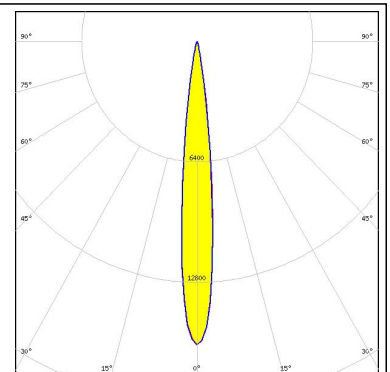
LED: CHA0410
Ordering code: CP18751_YASMEEN-70-S-C2
FWHM / FWTM: 10.0° / 20.0°
Efficiency: 88 %
Peak intensity: 18.6 cd/lm
LEDs/each optic: 1
Light colour: White
Required components:
F17435_HEKLA-G2-C



LED: CHA0612
Ordering code: CP18751_YASMEEN-70-S-C2
FWHM / FWTM: 12.0° / 22.0°
Efficiency: 88 %
Peak intensity: 15.3 cd/lm
LEDs/each optic: 1
Light colour: White
Required components:
F17435_HEKLA-G2-C



LED: CMA1306
Ordering code: CP18751_YASMEEN-70-S-C2
FWHM / FWTM: 12.0° / 22.0°
Efficiency: 88 %
Peak intensity: 16.1 cd/lm
LEDs/each optic: 1
Light colour: White
Required components:
F17435_HEKLA-G2-C



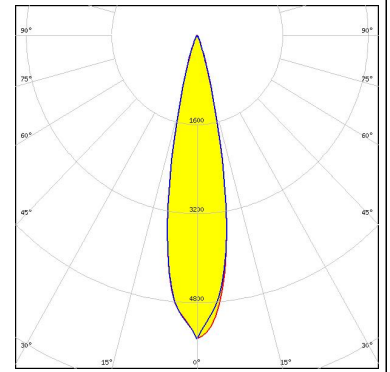
OPTICAL RESULTS (SIMULATED):



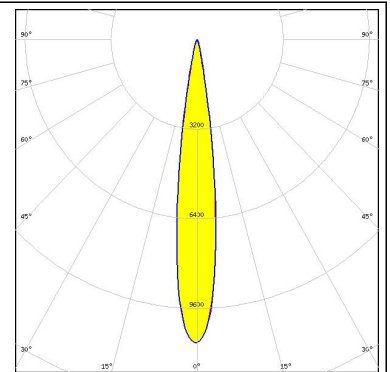
OPTICAL RESULTS (SIMULATED):



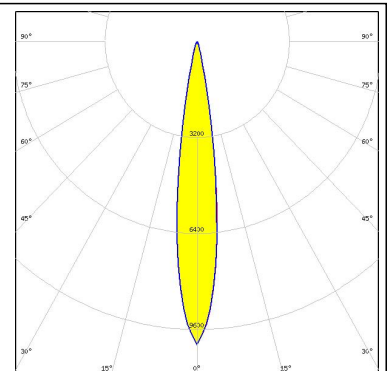
LED CXA/B 1830
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 22.0° / 36.0°
Efficiency 87 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 637b Hekla



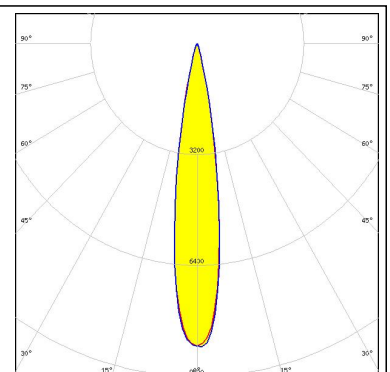
LED Fortimo SLM L09 CoB
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 16.0° / 28.0°
Efficiency 88 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17435_HEKLA-G2-C



LED Fortimo SLM L13 CoB
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 16.0° / 28.0°
Efficiency 87 %
Peak intensity 10.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 632a Hekla XL



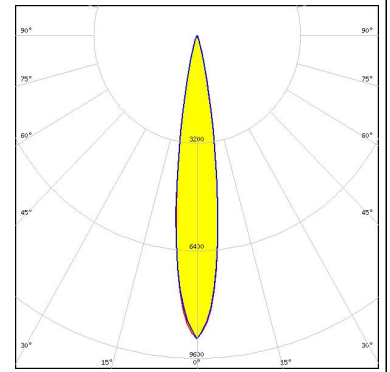
LED LC003D / LC006D / LC009D / LC013D
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 16.0° / 28.0°
Efficiency 87 %
Peak intensity 8.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F17435_HEKLA-G2-C



OPTICAL RESULTS (SIMULATED):

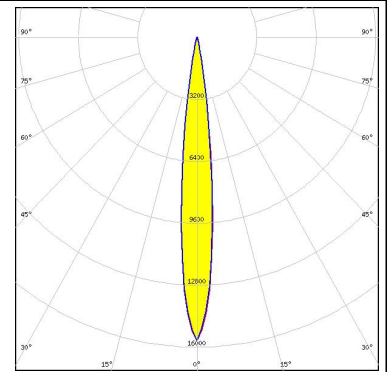
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
Ordering code CP18768_YASMEEN-70-S-B2
FWHM / FWTM 16.0° / 29.0°
Efficiency 85 %
Peak intensity 9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1020



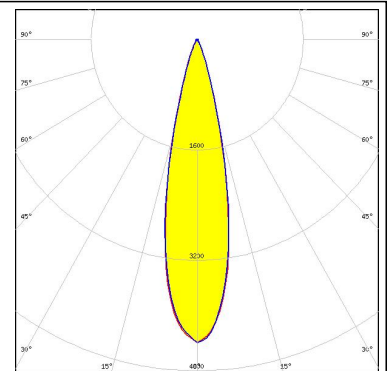
SAMSUNG

LED LC010C G2
Ordering code CP18768_YASMEEN-70-S-B2
FWHM / FWTM 12.0° / 22.0°
Efficiency 89 %
Peak intensity 15.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1020



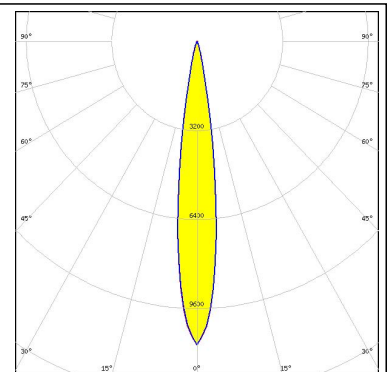
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
Ordering code CP18768_YASMEEN-70-S-B2
FWHM / FWTM 24.0° / 42.0°
Efficiency 85 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1010



SAMSUNG

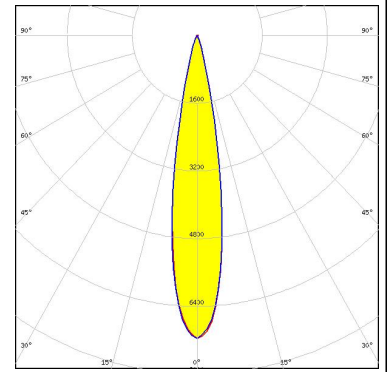
LED LC020C G2
Ordering code CP18768_YASMEEN-70-S-B2
FWHM / FWTM 14.0° / 26.0°
Efficiency 88 %
Peak intensity 10.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1010



OPTICAL RESULTS (SIMULATED):

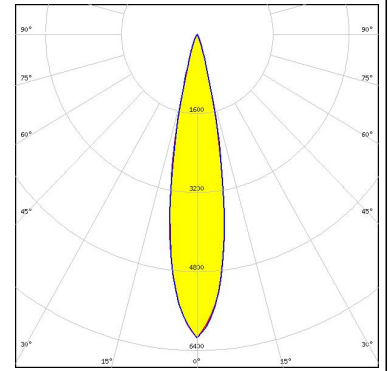
SAMSUNG

LED LC030C/040C G2
Ordering code CP18768_YASMEEN-70-S-B2
FWHM / FWTM 18.0° / 32.0°
Efficiency 88 %
Peak intensity 7.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1010



TRIDONIC

LED SLE G7 LES13
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 20.0° / 34.0°
Efficiency 87 %
Peak intensity 6.1 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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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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[CP18782_YASMEEN-70-S-B2-WHT](#)