

YASMEEN-70-WWW

~80° 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	37.7 mm
Fastening	socket
ROHS compliant	yes ⓘ

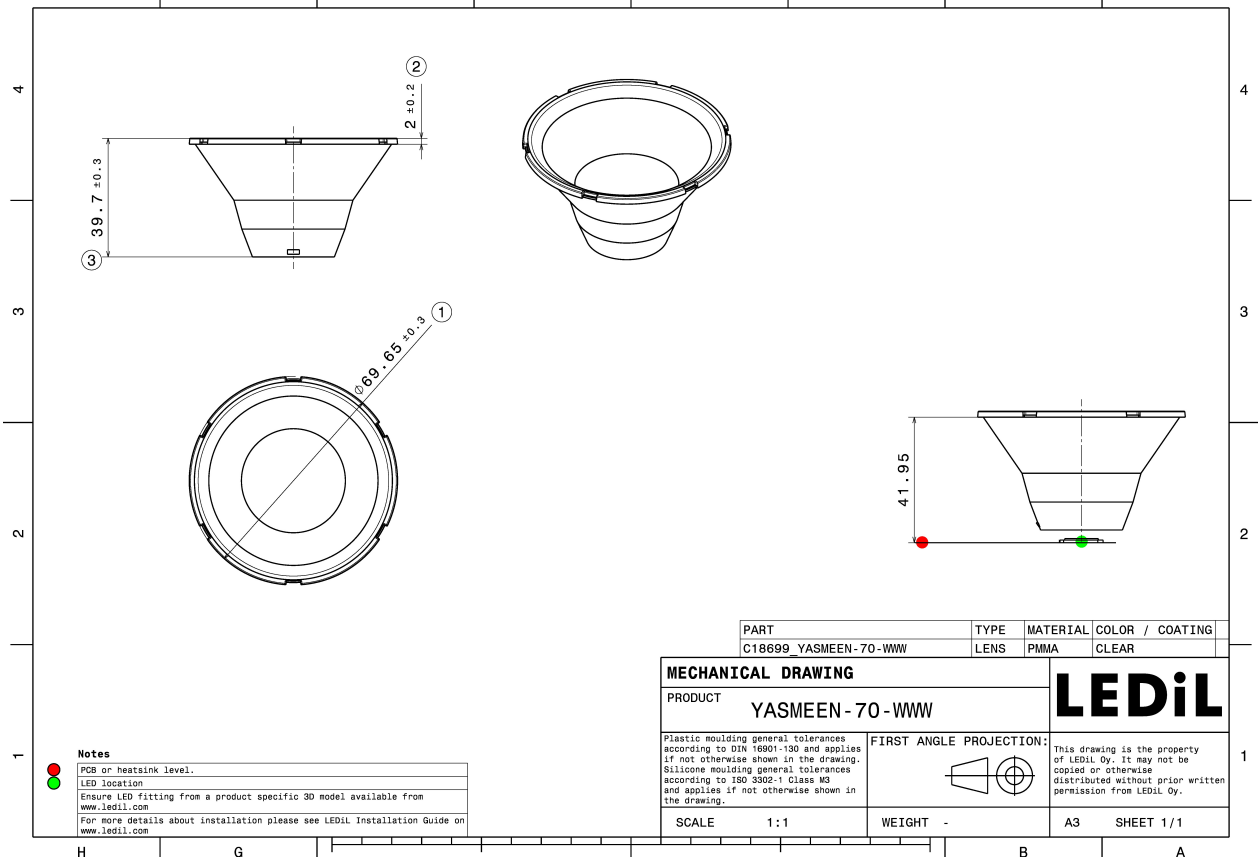
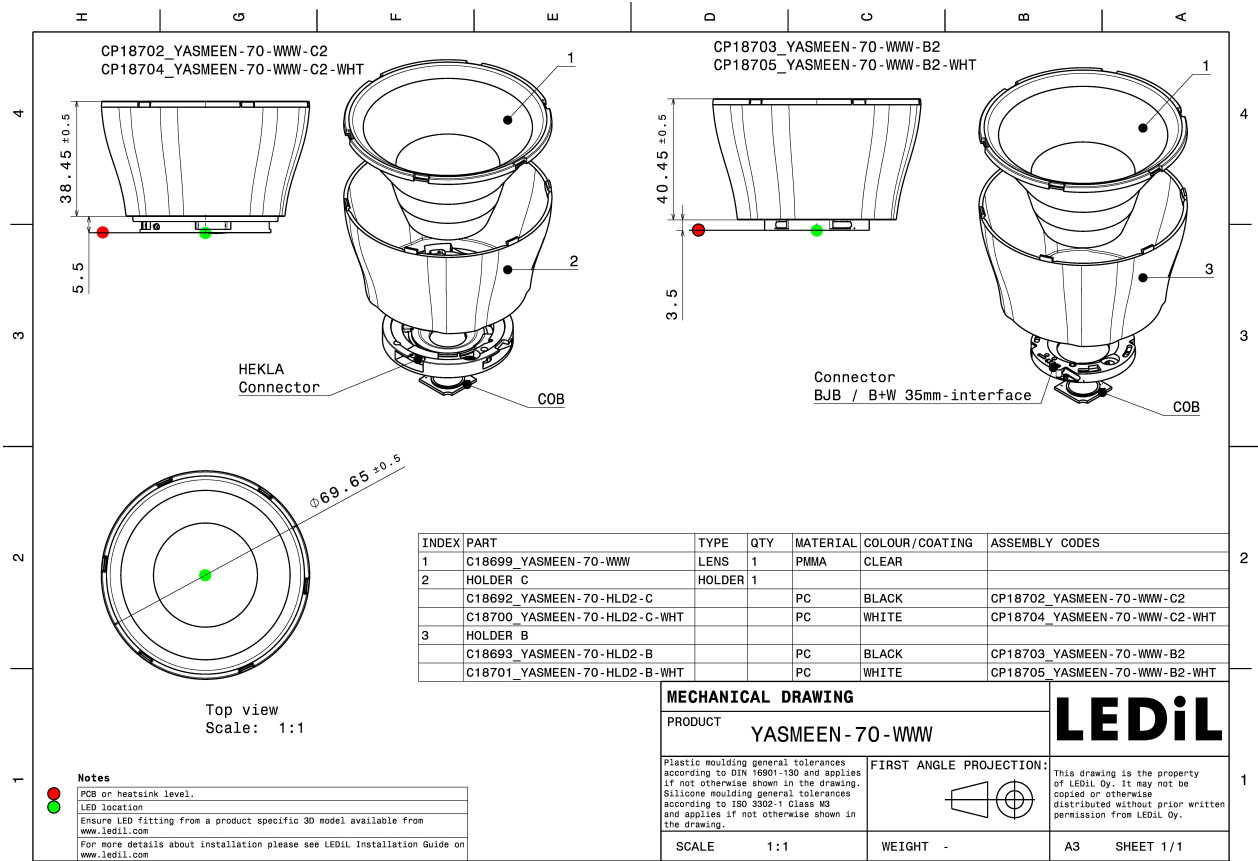


MATERIALS:

Component	Type	Material	Colour	Finish
YASMEEN-70-WWW	Single lens	PMMA		
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)
C18699_YASMEEN-70-WWW	105	105	15	4.1
Assembly				
CP18705_YASMEEN-70-WWW-B2-WHT	105	105	15	5.8
CP18704_YASMEEN-70-WWW-C2-WHT	105	105	15	5.7
CP18703_YASMEEN-70-WWW-B2	105	105	15	5.8
CP18702_YASMEEN-70-WWW-C2	105	105	15	5.7

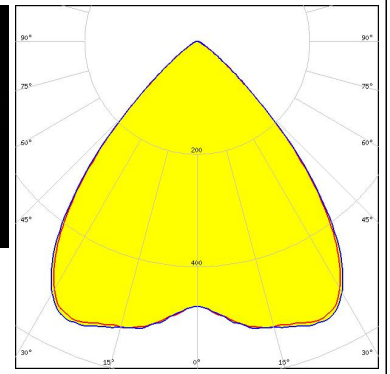


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

TRIDONIC

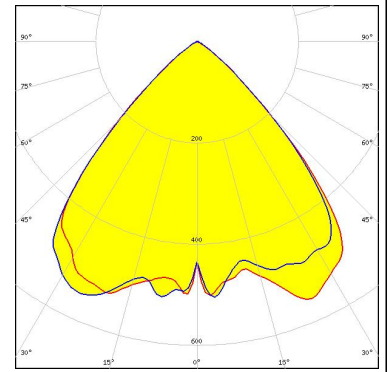
LED SLE G7 LES15
Ordering code CP18705_YASMEEN-70-WWW-B2-WHT
FWHM / FWTM 82.0° / 105.0°
Efficiency 91 %
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1010



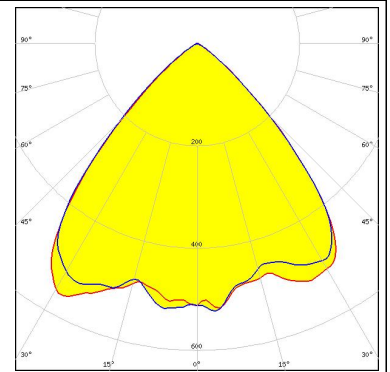
OPTICAL RESULTS (SIMULATED):



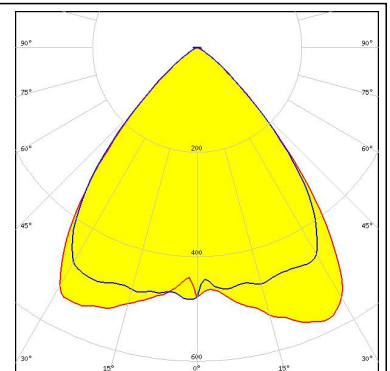
LED V6 HD Gen 8
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 86.0° / 106.0°
Efficiency 93 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



LED V9 HD Gen 8
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 85.0° / 107.0°
Efficiency 92 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I

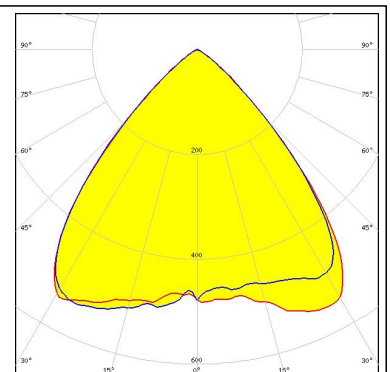


LED Vesta TW 13mm (18W) DP
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 82.0° / 105.0°
Efficiency 86 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CITIZEN

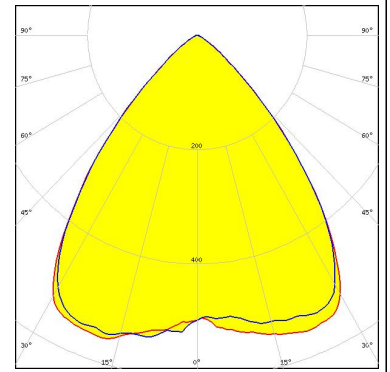
LED CLL02x/CLU02x (LES10)
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 84.0° / 105.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

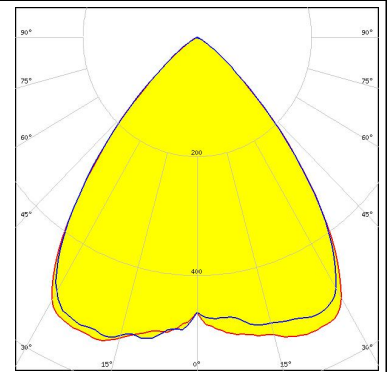
CITIZEN

LED CLL03x/CLU03x
Ordering code CP18705_YASMEEN-70-WWW-B2-WHT
FWHM / FWTM 82.0° / 107.0°
Efficiency 91 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



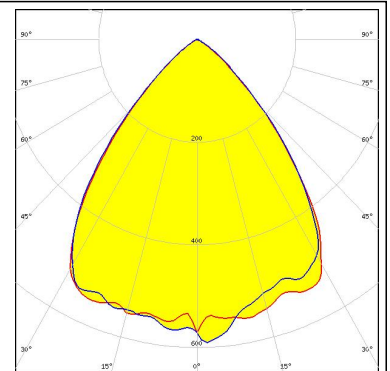
CITIZEN

LED CLL03x/CLU03x
Ordering code CP18703_YASMEEN-70-WWW-B2
FWHM / FWTM 82.0° / 106.0°
Efficiency 86 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



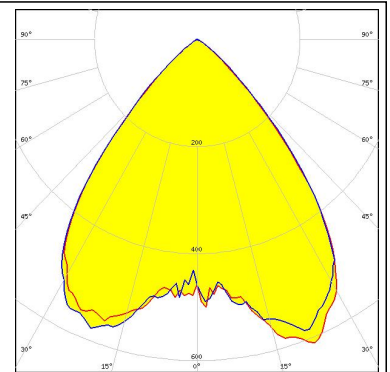
LUMILEDS

LED LUXEON CX Plus CoB L08 (Gen2)
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 80.0° / 107.0°
Efficiency 89 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 637a Hekla



LUMILEDS

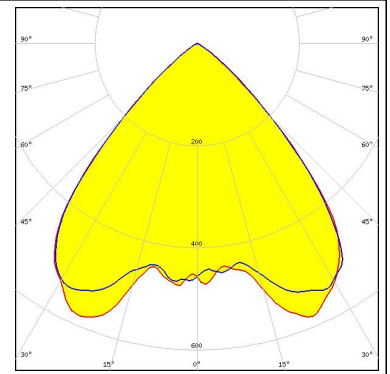
LED LUXEON CoB 1202/1203
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 81.0° / 103.0°
Efficiency 89 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 480 Typ L8



OPTICAL RESULTS (SIMULATED):

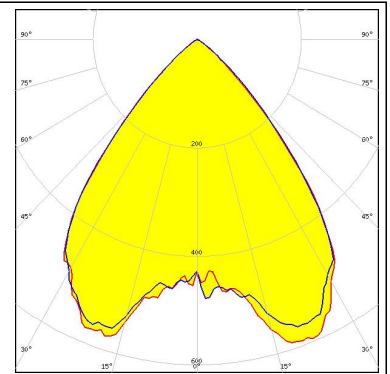
LUMILEDS

LED LUXEON CoB 1202HD
 Ordering code CP18702_YASMEEN-70-WWW-C2
 FWHM / FWTM 85.0° / 105.0°
 Efficiency 93 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



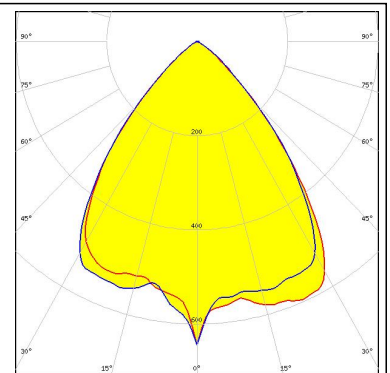
LUMILEDS

LED LUXEON CoB 1202s
 Ordering code CP18702_YASMEEN-70-WWW-C2
 FWHM / FWTM 81.0° / 102.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 452 Typ L8



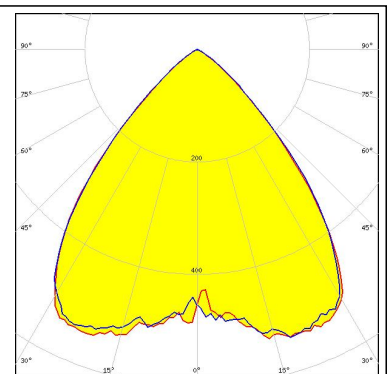
LUMILEDS

LED LUXEON CoB 1204/1205
 Ordering code CP18702_YASMEEN-70-WWW-C2
 FWHM / FWTM 79.0° / 105.0°
 Efficiency 90 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 632a Hekla XL



LUMILEDS

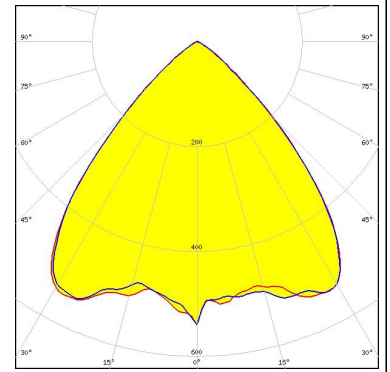
LED LUXEON CoB 1204/1205
 Ordering code CP18702_YASMEEN-70-WWW-C2
 FWHM / FWTM 82.0° / 105.0°
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 432 Typ L8



OPTICAL RESULTS (SIMULATED):

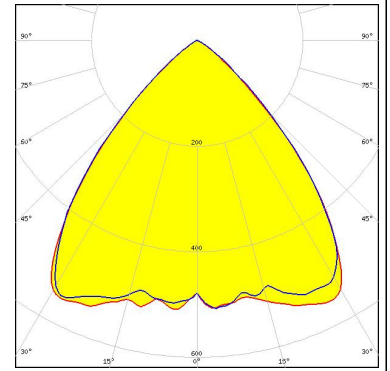
LUMILEDS

LED LUXEON CoB 1204HD
 Ordering code CP18702_YASMEEN-70-WWW-C2
 FWHM / FWTM 85.0° / 107.0°
 Efficiency 92 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



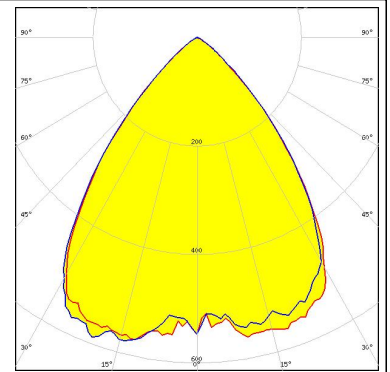
LUMILEDS

LED LUXEON CoB 1205HD
 Ordering code CP18702_YASMEEN-70-WWW-C2
 FWHM / FWTM 84.0° / 107.0°
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15858_HEKLA-SOCKET-H



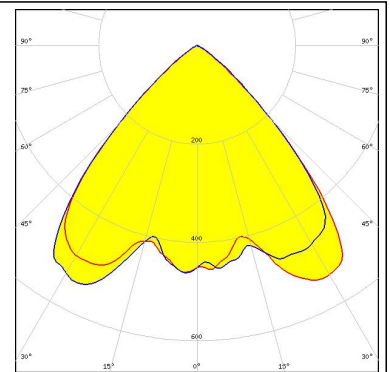
LUMILEDS

LED LUXEON CoB 1208
 Ordering code CP18702_YASMEEN-70-WWW-C2
 FWHM / FWTM 79.0° / 104.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 432 Typ L8



LUMILEDS

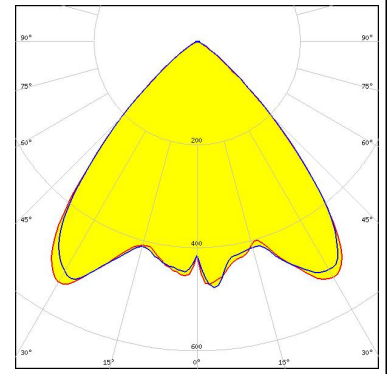
LED LUXEON CX Plus CoB - HD S02H6
 Ordering code CP18703_YASMEEN-70-WWW-B2
 FWHM / FWTM 88.0° / 107.0°
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 634c Bayonet35L



OPTICAL RESULTS (SIMULATED):

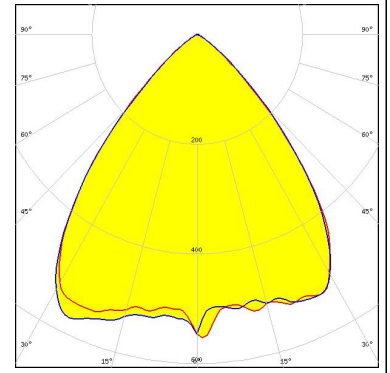
LUMILEDS

LED LUXEON CX Plus CoB - HD S04H9
Ordering code CP18703_YASMEEN-70-WWW-B2
FWHM / FWTM 86.0° / 107.0°
Efficiency 89 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 634a Bayonet35L



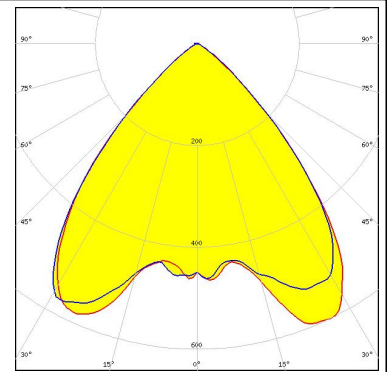
LUMILEDS

LED LUXEON CX Plus CoB L04 / L05 (Gen2)
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 82.0° / 106.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15254_HEKLA-SOCKET-B



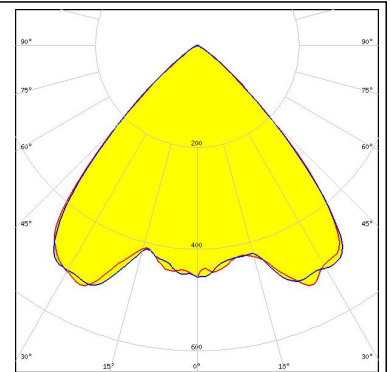
LUMILEDS

LED LUXEON CX Plus CoB M02 / M03 (Gen2)
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 83.0° / 105.0°
Efficiency 92 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

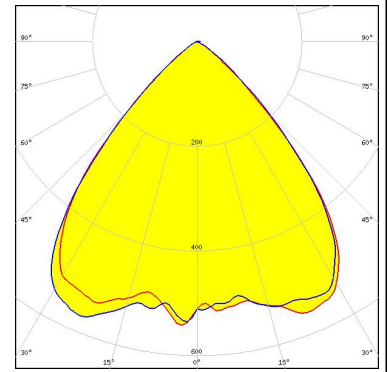
LED LUXEON CX Plus CoB S01 (Gen2)
Ordering code CP18703_YASMEEN-70-WWW-B2
FWHM / FWTM 88.0° / 107.0°
Efficiency 92 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 634c Bayonet35L



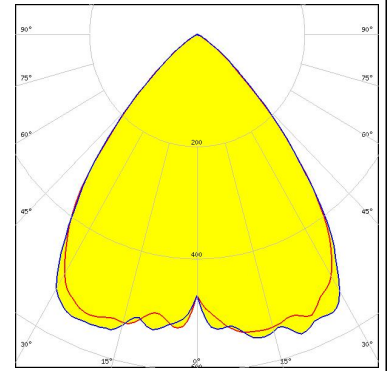
OPTICAL RESULTS (SIMULATED):



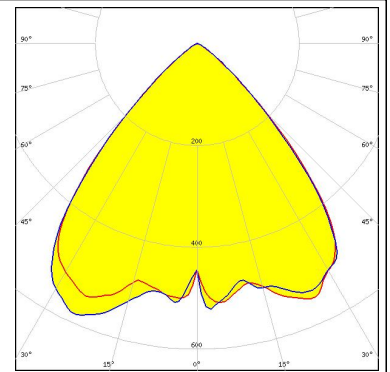
LED CHM-9 XH (19x19)
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 84.0° / 105.0°
Efficiency 92 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I



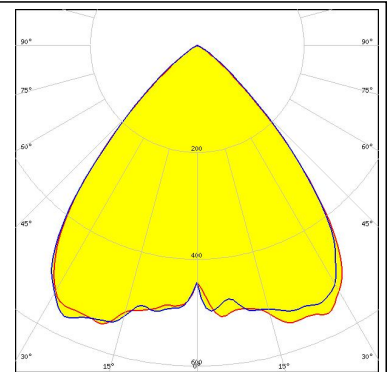
LED CTM-14 (Tunable White) Gen2
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 82.0° / 106.0°
Efficiency 89 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 442 Typ L8



LED CTM-6 (Tunable White) Gen2
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 84.0° / 105.0°
Efficiency 92 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 495 Typ L8



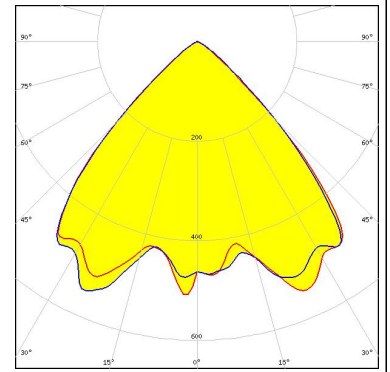
LED CTM-9 (Tunable White) Gen2
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 83.0° / 105.0°
Efficiency 91 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 495 Typ L8



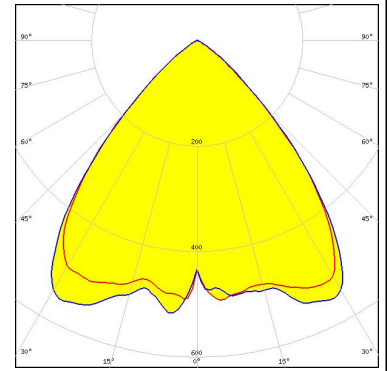
OPTICAL RESULTS (SIMULATED):



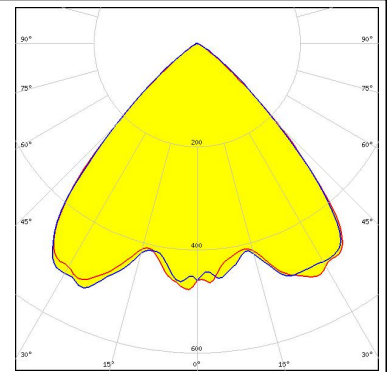
LED CXM-3
Ordering code CP18703_YASMEEN-70-WWW-B2
FWHM / FWTM 88.0° / 106.0°
Efficiency 93 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 634a Bayonet35L



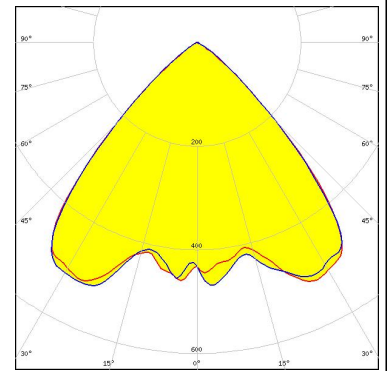
LED COB L-Type (LES 11)
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 85.0° / 107.0°
Efficiency 91 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15858_HEKLA-SOCKET-H



LED COB S-Type (LES 6)
Ordering code CP18703_YASMEEN-70-WWW-B2
FWHM / FWTM 88.0° / 107.0°
Efficiency 92 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 652a Bayonet35L



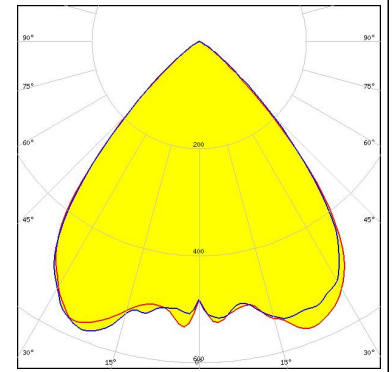
LED COB T-Type
Ordering code CP18703_YASMEEN-70-WWW-B2
FWHM / FWTM 88.0° / 107.0°
Efficiency 91 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 652a Bayonet35L



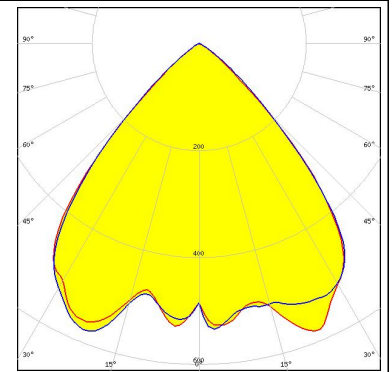
OPTICAL RESULTS (SIMULATED):



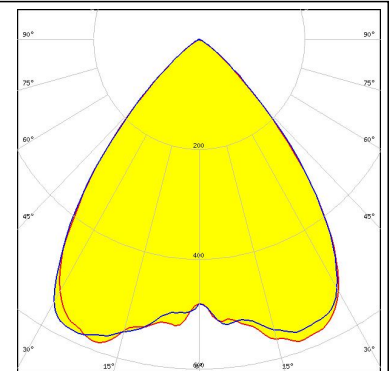
LED NJCWL024Z-V1MT: COB L-Type Tunable White
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 83.0° / 105.0°
Efficiency 92 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 497 Typ L8 HV



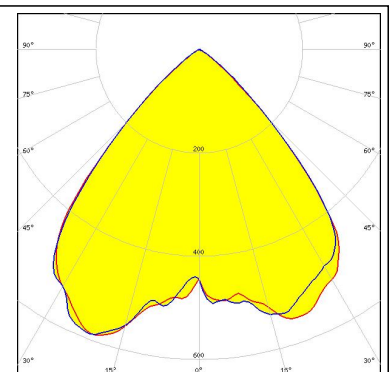
LED NJNWS012Z-V1MT: COB S-Type Tunable White
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 84.0° / 104.0°
Efficiency 92 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 495 Typ L8 HV



LED NVCWJ024Z-V1MT: COB J-Type Tunable White
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 81.0° / 105.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 498 Typ L8 HV



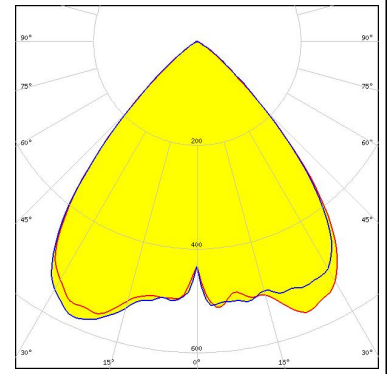
LED LC010C G2
Ordering code CP18703_YASMEEN-70-WWW-B2
FWHM / FWTM 84.0° / 103.0°
Efficiency 93 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1020



OPTICAL RESULTS (SIMULATED):

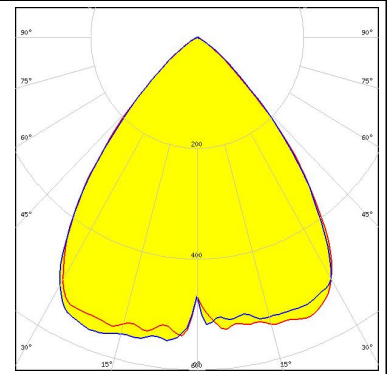
SAMSUNG

LED LC010T (Tunable White)
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 84.0° / 105.0°
Efficiency 92 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 501 Typ L8



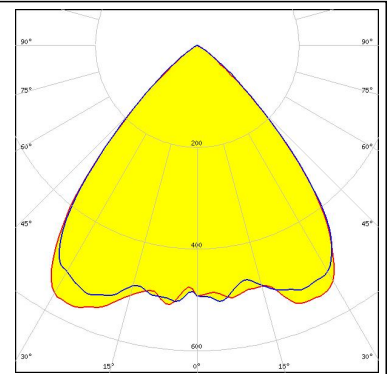
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 82.0° / 106.0°
Efficiency 89 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



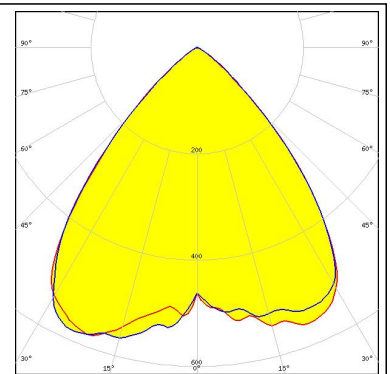
SAMSUNG

LED LC020C G2
Ordering code CP18703_YASMEEN-70-WWW-B2
FWHM / FWTM 84.0° / 104.0°
Efficiency 91 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1010



SAMSUNG

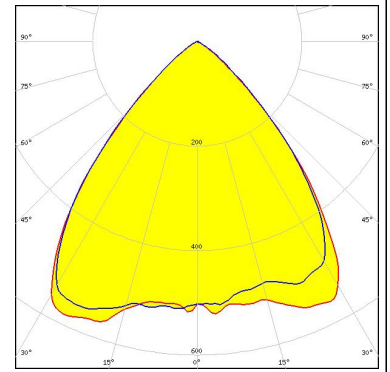
LED LC020T (Tunable white)
Ordering code CP18702_YASMEEN-70-WWW-C2
FWHM / FWTM 82.0° / 105.0°
Efficiency 91 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 501 Typ L8



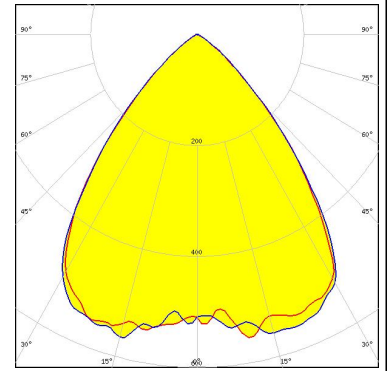
OPTICAL RESULTS (SIMULATED):

SAMSUNG

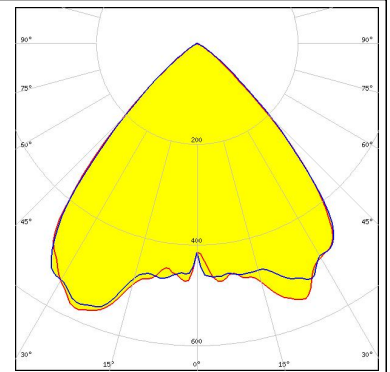
LED LC030C/040C G2
 Ordering code CP18703_YASMEEN-70-WWW-B2
 FWHM / FWTM 82.0° / 105.0°
 Efficiency 89 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1010



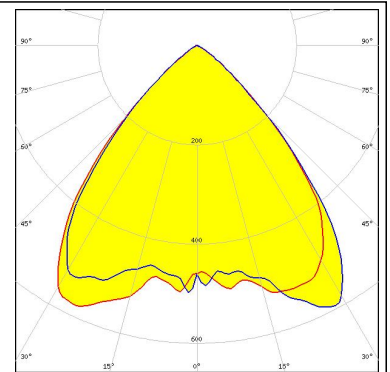
SEOUL SEMICONDUCTOR
 LED MJT COB LES 14.5
 Ordering code CP18702_YASMEEN-70-WWW-C2
 FWHM / FWTM 81.0° / 107.0°
 Efficiency 89 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



SEOUL SEMICONDUCTOR
 LED MJT COB LES 6
 Ordering code CP18702_YASMEEN-70-WWW-C2
 FWHM / FWTM 85.0° / 105.0°
 Efficiency 93 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



SEOUL SEMICONDUCTOR
 LED MJT COB LES 9.8
 Ordering code CP18702_YASMEEN-70-WWW-C2
 FWHM / FWTM 84.0° / 106.0°
 Efficiency 92 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-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.

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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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
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Shipping locations

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