

AMY-50-WAS

Asymmetric beam for wall-washing

SPECIFICATION:

Dimensions	Ø 49.9
Height	13.6 mm
Fastening	socket
ROHS compliant	yes ⓘ

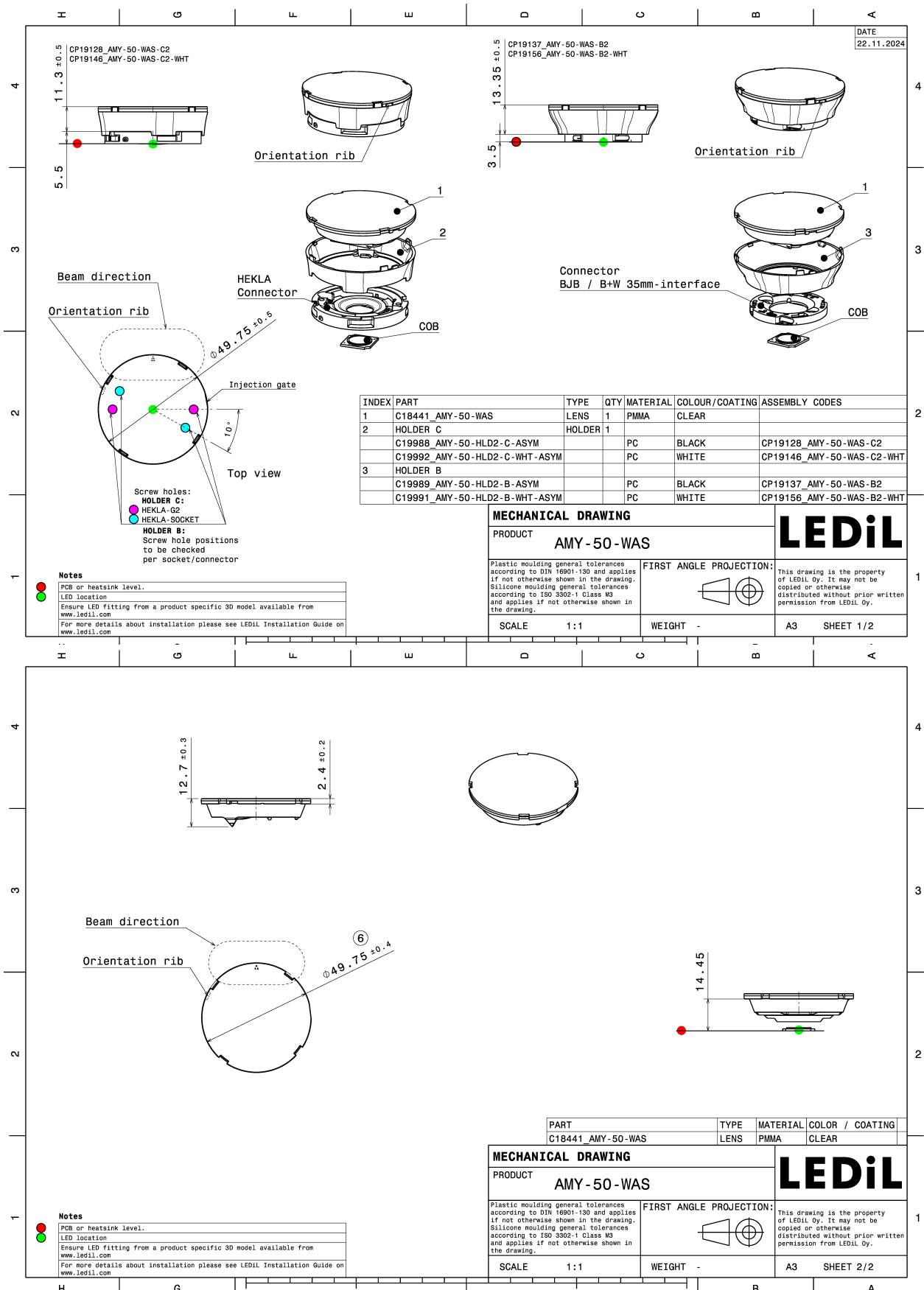
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
AMY-50-WAS	Single lens	PMMA	clear		
AMY-50-HLD2-C-ASYM	Holder C	PC	black		
AMY-50-HLD2-B-ASYM	Holder B	PC	black		
AMY-50-HLD2-C-WHT-ASYM	Holder C	PC	white		
AMY-50-HLD2-B-WHT-ASYM	Holder B	PC	white		



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18441_AMY-50-WAS	540	120	30	9.1
Assembly				
CP19156_AMY-50-WAS-B2-WHT	510	120	30	10.3
CP19146_AMY-50-WAS-C2-WHT	510	120	30	9.8
CP19137_AMY-50-WAS-B2	510	120	30	10.3
CP19128_AMY-50-WAS-C2	510	120	30	9.8

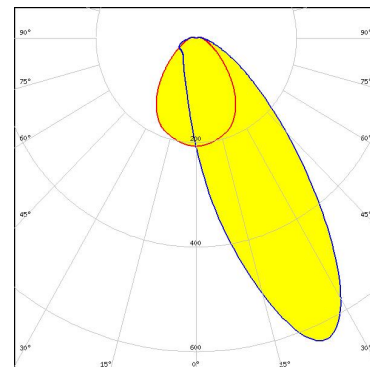


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



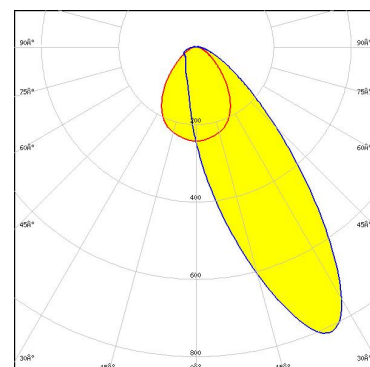
LED BXRV-D10-RGBW2000-A3
Ordering code CP19128_AMY-50-WAS-C2
FWHM / FWTM Asymmetric
Efficiency 68 %
Peak intensity 0.6 cd/lm
LEDs/each optic 28
Light colour/type RGBW
Required components:
 C19950_HEKLA-SOCKET-RZ



Light distribution files

PHILIPS

LED Fortimo SLM C TW L09A 1919 G7N
Ordering code CP19128_AMY-50-WAS-C2
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type Tunable White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 501 Typ L8

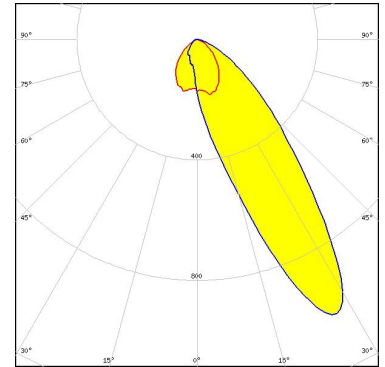


Light distribution files

OPTICAL RESULTS (SIMULATED):



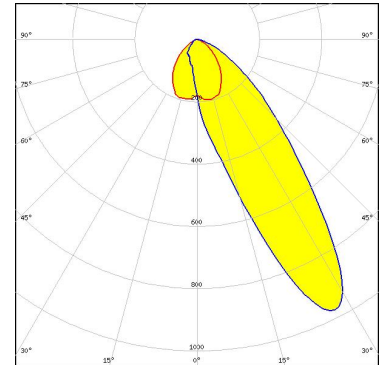
LED V10 Gen 8-9
Ordering code CP19128_AMY-50-WAS-C2
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15255_HEKLA-SOCKET-C



Light distribution files



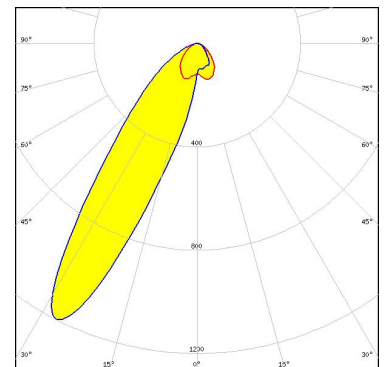
LED V10 Gen 8-9
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F19857_HEKLA-G2B-C2



Light distribution files



LED V6 HD Gen 8
Ordering code CP19146_AMY-50-WAS-C2-WHT
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F19858_HEKLA-G2B-C3

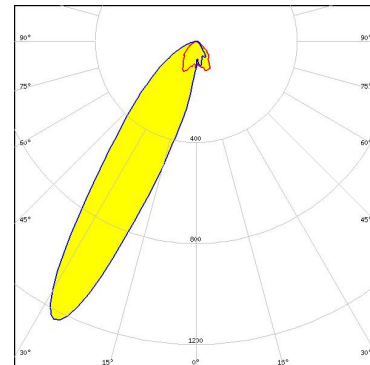


Light distribution files

OPTICAL RESULTS (SIMULATED):



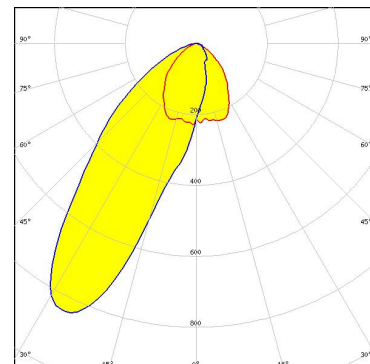
LED V6 HD Gen 8
Ordering code CP19128_AMY-50-WAS-C2
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



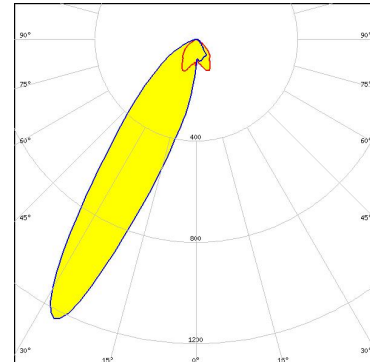
LED VERO13
Ordering code CP19128_AMY-50-WAS-C2
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C16142_HEKLA-SOCKET-K



Light distribution files



LED Vesta DTW 6mm
Ordering code CP19128_AMY-50-WAS-C2
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



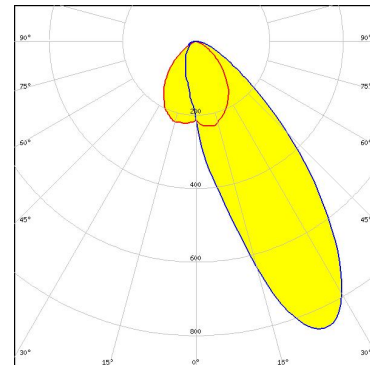
Light distribution files

Bender Wirth: 652b Hekla

OPTICAL RESULTS (SIMULATED):



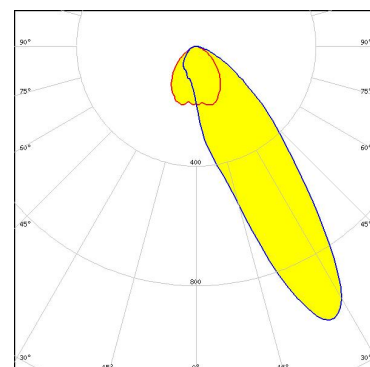
LED Vesta SE 13mm TW
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 78 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K



Light distribution files

CITIZEN

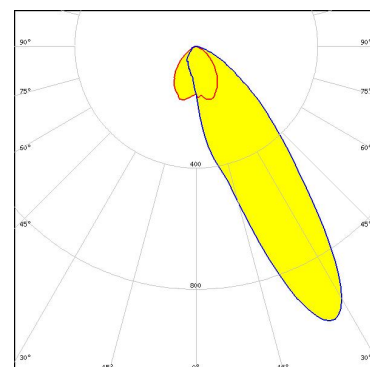
LED CLU02x (LES10)
 Ordering code CP19146_AMY-50-WAS-C2-WHT
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files

CITIZEN

LED CLU02x (LES10)
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C

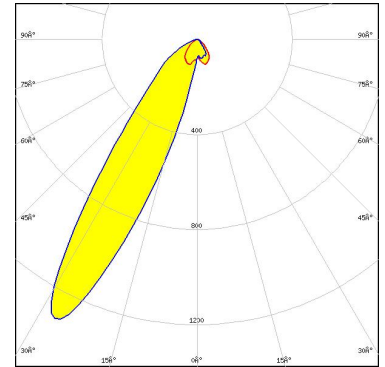


Light distribution files

OPTICAL RESULTS (SIMULATED):



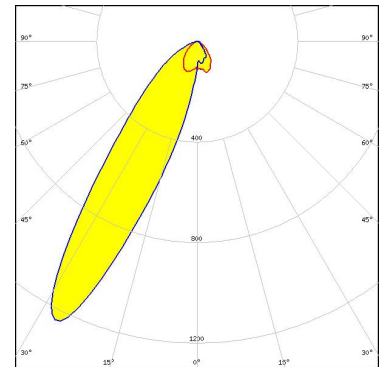
LED CHA0410
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files



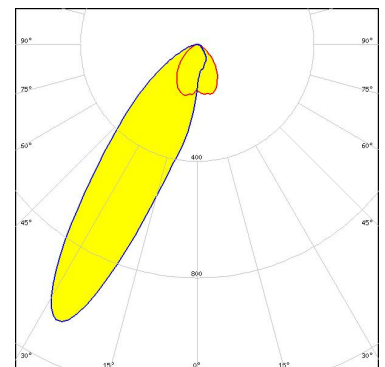
LED CHA0612
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files



LED CHA0825
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I

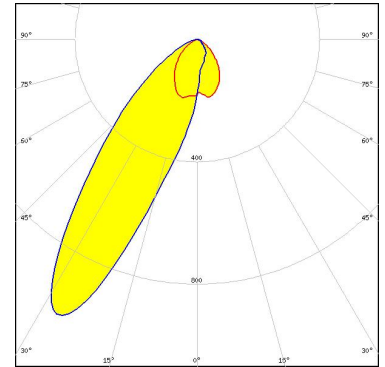


Light distribution files

OPTICAL RESULTS (SIMULATED):



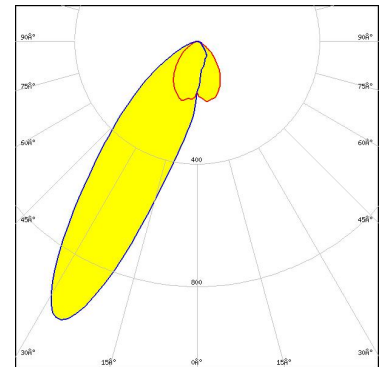
LED CMB15xx
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17436_HEKLA-G2-D



Light distribution files



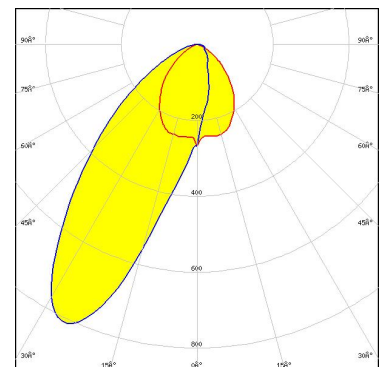
LED CMU10xx
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files



LED CMU15xx
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 81 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I

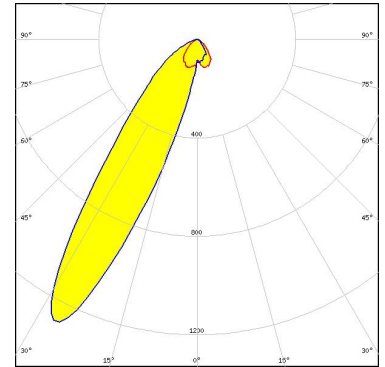


Light distribution files

OPTICAL RESULTS (SIMULATED):



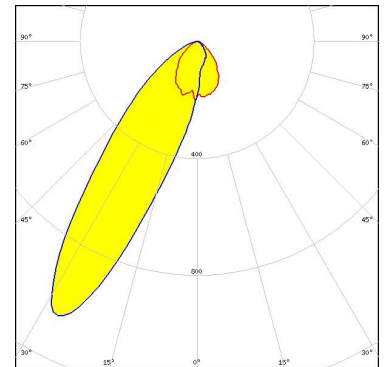
LED CXA/B 13xx
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17439_HEKLA-G2-J



Light distribution files



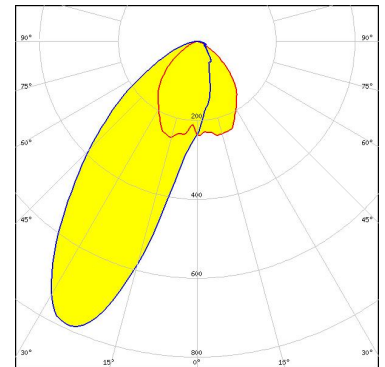
LED CXA/B 15xx
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17436_HEKLA-G2-D



Light distribution files



LED LUXEON CX Plus CoB L08 (Gen2)
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



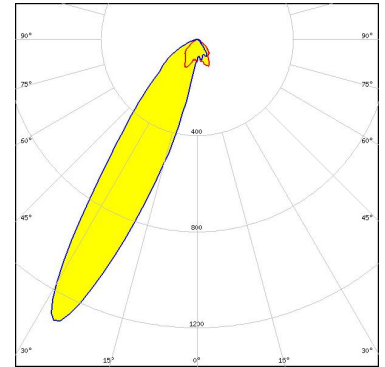
Light distribution files

Bender Wirth: 637a Hekla

OPTICAL RESULTS (SIMULATED):



LED LUXEON CX Plus CoB - HD S01H4
 Ordering code CP19137_AMY-50-WAS-B2
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 1.3 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:

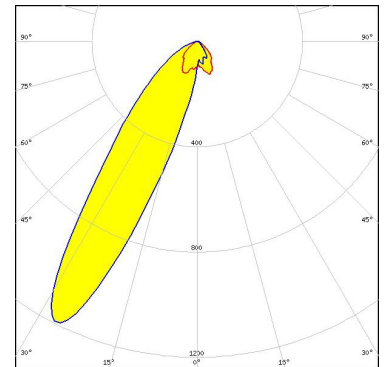


Bender Wirth: 634c Bayonet35L

[Light distribution files](#)



LED LUXEON CX Plus CoB - HD S02H6
 Ordering code CP19137_AMY-50-WAS-B2
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 1.2 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:

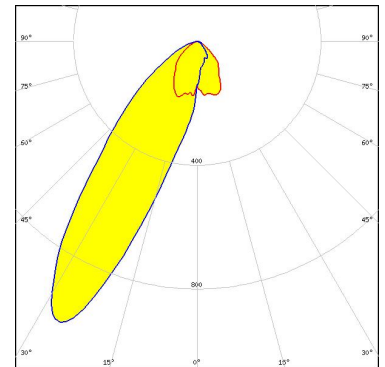


Bender Wirth: 634c Bayonet35L

[Light distribution files](#)



LED LUXEON CX Plus CoB - HD S04H9
 Ordering code CP19137_AMY-50-WAS-B2
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 1 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



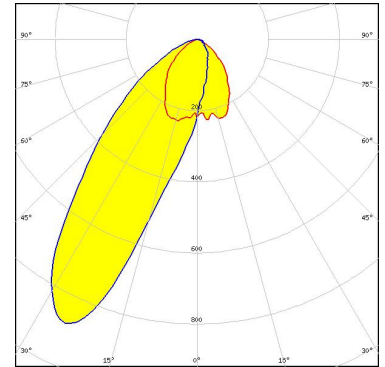
Bender Wirth: 634a Bayonet35L

[Light distribution files](#)

OPTICAL RESULTS (SIMULATED):



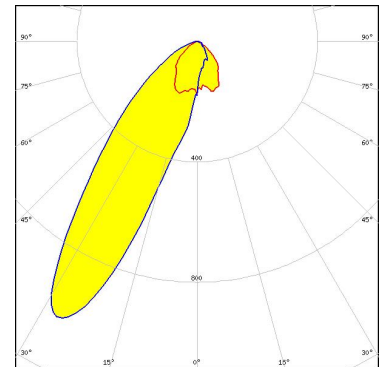
LED LUXEON CX Plus CoB L04 / L05 (Gen2)
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15254_HEKLA-SOCKET-B



Light distribution files



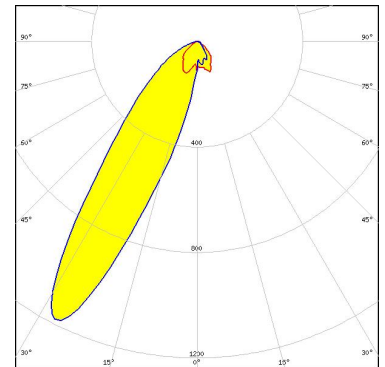
LED LUXEON CX Plus CoB M02 / M03 (Gen2)
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15256_HEKLA-SOCKET-D



Light distribution files



LED LUXEON CX Plus CoB S01 (Gen2)
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15956_HEKLA-SOCKET-J

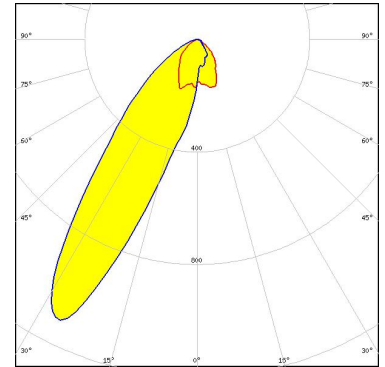


Light distribution files

OPTICAL RESULTS (SIMULATED):



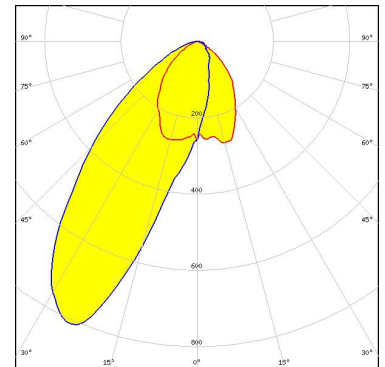
LED CHM-9 XH (19x19)
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files



LED CTM-14 (Tunable White) Gen2
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

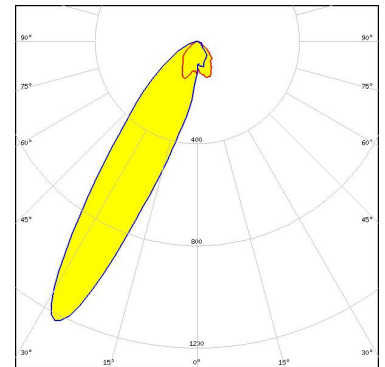


Light distribution files

Bender Wirth: 442 Typ L8



LED CTM-6 (Tunable White) Gen2
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K



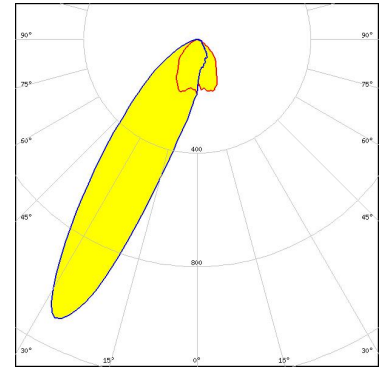
Light distribution files

Bender Wirth: 495 Typ L8

OPTICAL RESULTS (SIMULATED):



LED CTM-9 (Tunable White) Gen2
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

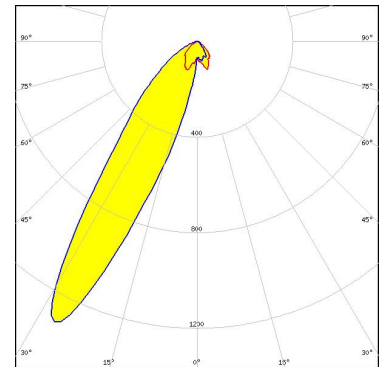


Light distribution files

Bender Wirth: 495 Typ L8



LED CxM-6 (13.5x13.5)
 Ordering code CP19137_AMY-50-WAS-B2
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

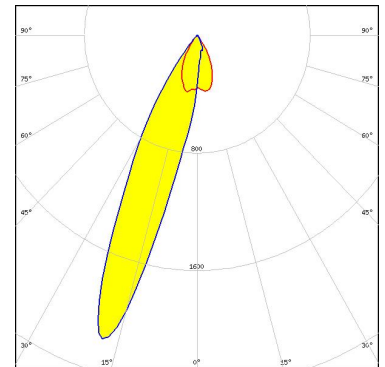


Light distribution files

BJB: 47.360.1020



LED CxM-9 (13.5x13.5)
 FWHM / FWTM Asymmetric
 Efficiency 73 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C18968_SOCKET-B-35-C



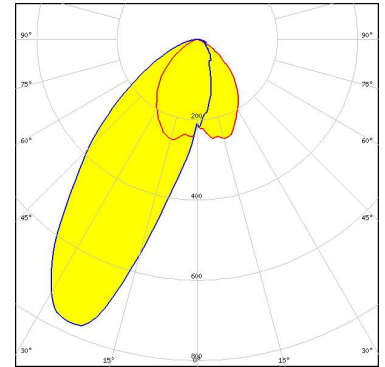
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED COB J-Type
Ordering code CP19128_AMY-50-WAS-C2
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

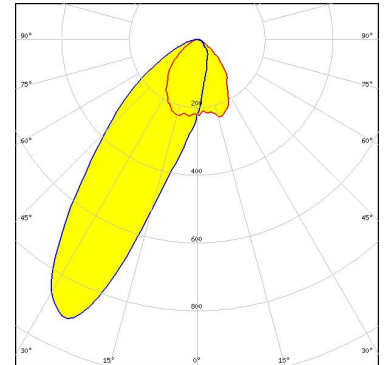
Bender Wirth: 663a Hekla XL



Light distribution files



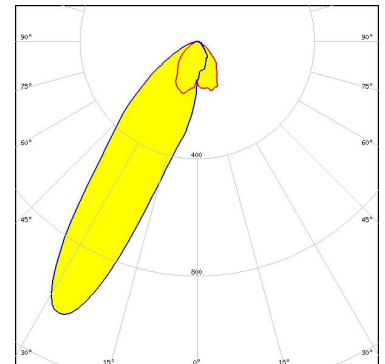
LED COB L-Type (LES 11)
Ordering code CP19128_AMY-50-WAS-C2
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15858_HEKLA-SOCKET-H



Light distribution files



LED COB L-Type (LES 9)
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15858_HEKLA-SOCKET-H



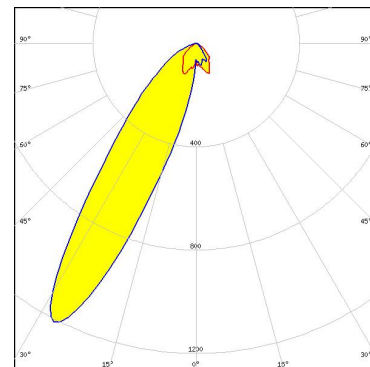
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED COB S-Type (LES 6)
 Ordering code CP19137_AMY-50-WAS-B2
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 652a Bayonet35L

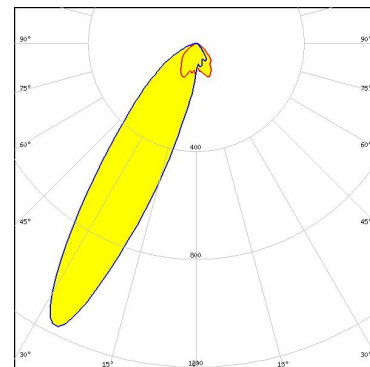


Light distribution files



LED COB S-Type (LES 7)
 Ordering code CP19137_AMY-50-WAS-B2
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 652a Bayonet35L

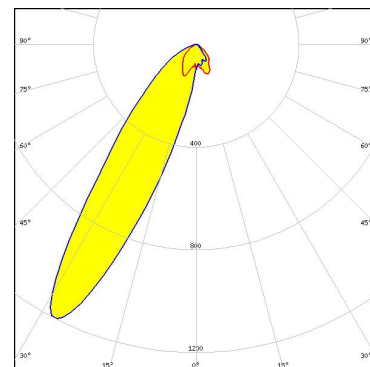


Light distribution files



LED COB T-Type
 Ordering code CP19137_AMY-50-WAS-B2
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 652a Bayonet35L

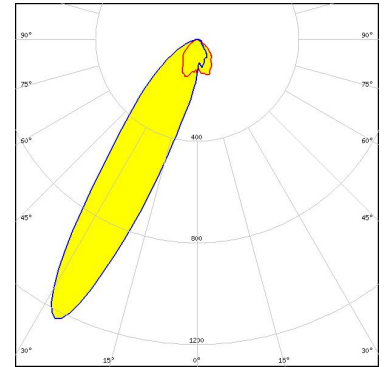


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED NJCWL024Z-V1MT: COB L-Type Tunable White
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

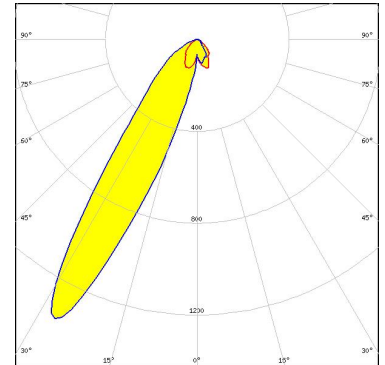


Light distribution files

Bender Wirth: 497 Typ L8 HV



LED NJNWS012Z-V1MT: COB S-Type Tunable White
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

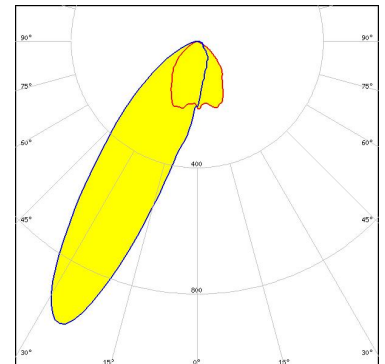


Light distribution files

Bender Wirth: 495 Typ L8 HV



LED NVCWJ024Z-V1MT: COB J-Type Tunable White
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K



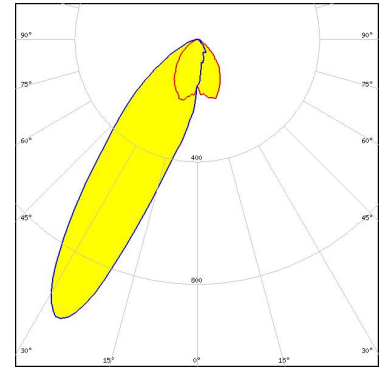
Light distribution files

Bender Wirth: 498 Typ L8 HV

OPTICAL RESULTS (SIMULATED):

SAMSUNG

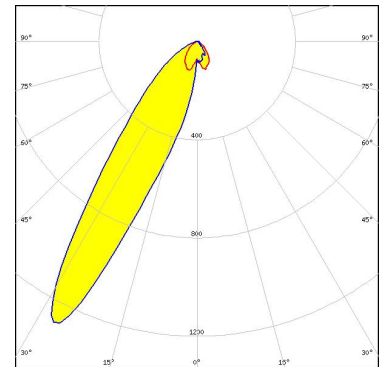
LED LC003D / LC006D / LC009D / LC013D
 Ordering code C18441_AMY-50-WAS
 FWHM / FWTM Asymmetric
 Efficiency 80 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

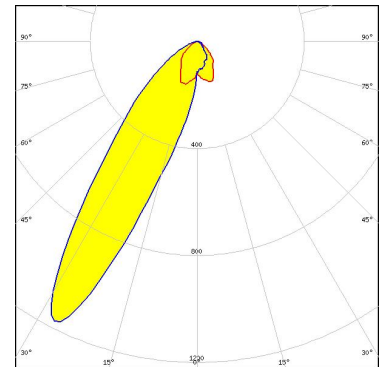
LED LC010C
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

LED LC010T (Tunable White)
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K



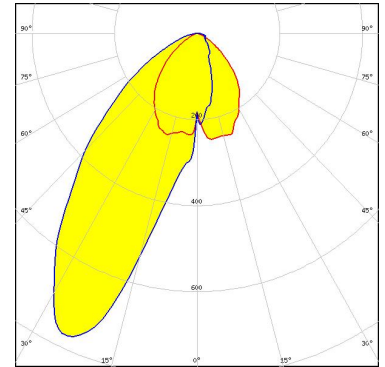
Light distribution files

Bender Wirth: 501 Typ L8

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 Ordering code CP19137_AMY-50-WAS-B2
 FWHM / FWTM Asymmetric
 Efficiency 80 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

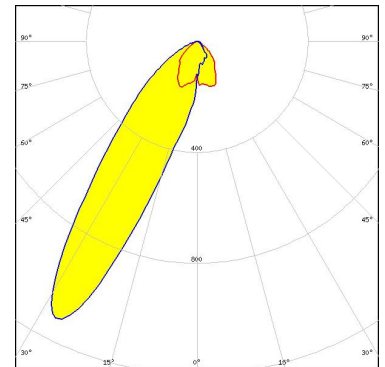


BJB: 47.360.1010

Light distribution files

SAMSUNG

LED LC020C G2
 Ordering code CP19137_AMY-50-WAS-B2
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

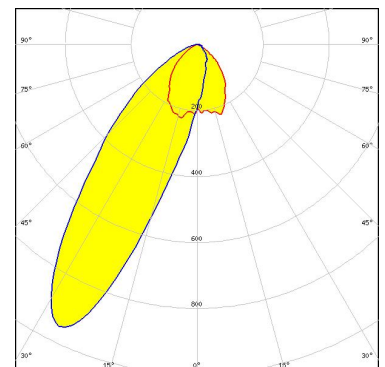


BJB: 47.360.1010

Light distribution files

SAMSUNG

LED LC030C/040C G2
 Ordering code CP19137_AMY-50-WAS-B2
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



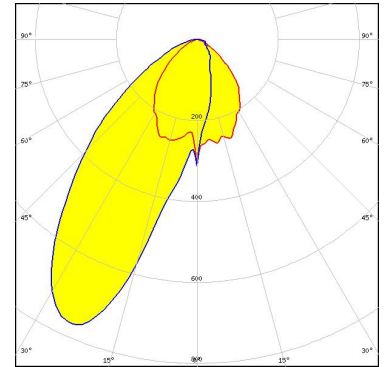
BJB: 47.360.1010

Light distribution files

OPTICAL RESULTS (SIMULATED):



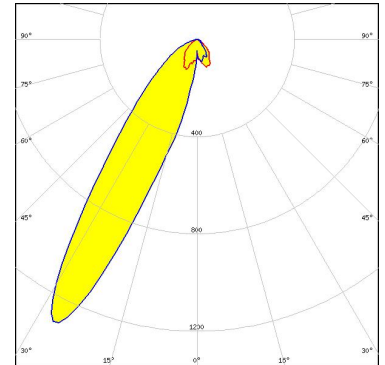
LED MJT COB LES 14.5
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files



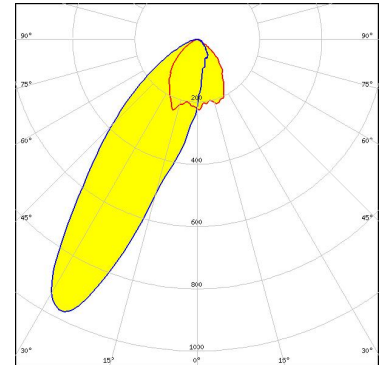
LED MJT COB LES 6
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



LED MJT COB LES 9.8
 Ordering code CP19128_AMY-50-WAS-C2
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



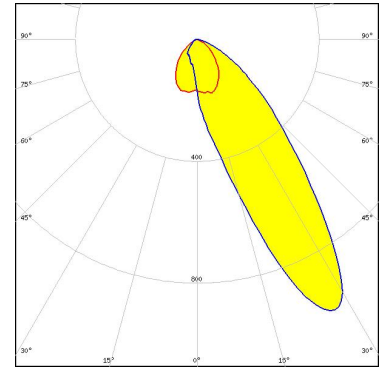
Light distribution files

OPTICAL RESULTS (SIMULATED):

XICATO

LED	XOB 9.8 mm
Ordering code	CP19128_AMY-50-WAS-C2
FWHM / FWTM	Asymmetric
Efficiency	83 %
Peak intensity	1 cd/Im
LEDs/each optic	1
Light colour/type	White
Required components:	
F17435_HEKLA-G2-C	

Light distribution files



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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