

## AMY-50-WAS

Asymmetric beam for wall washing

### SPECIFICATION:

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

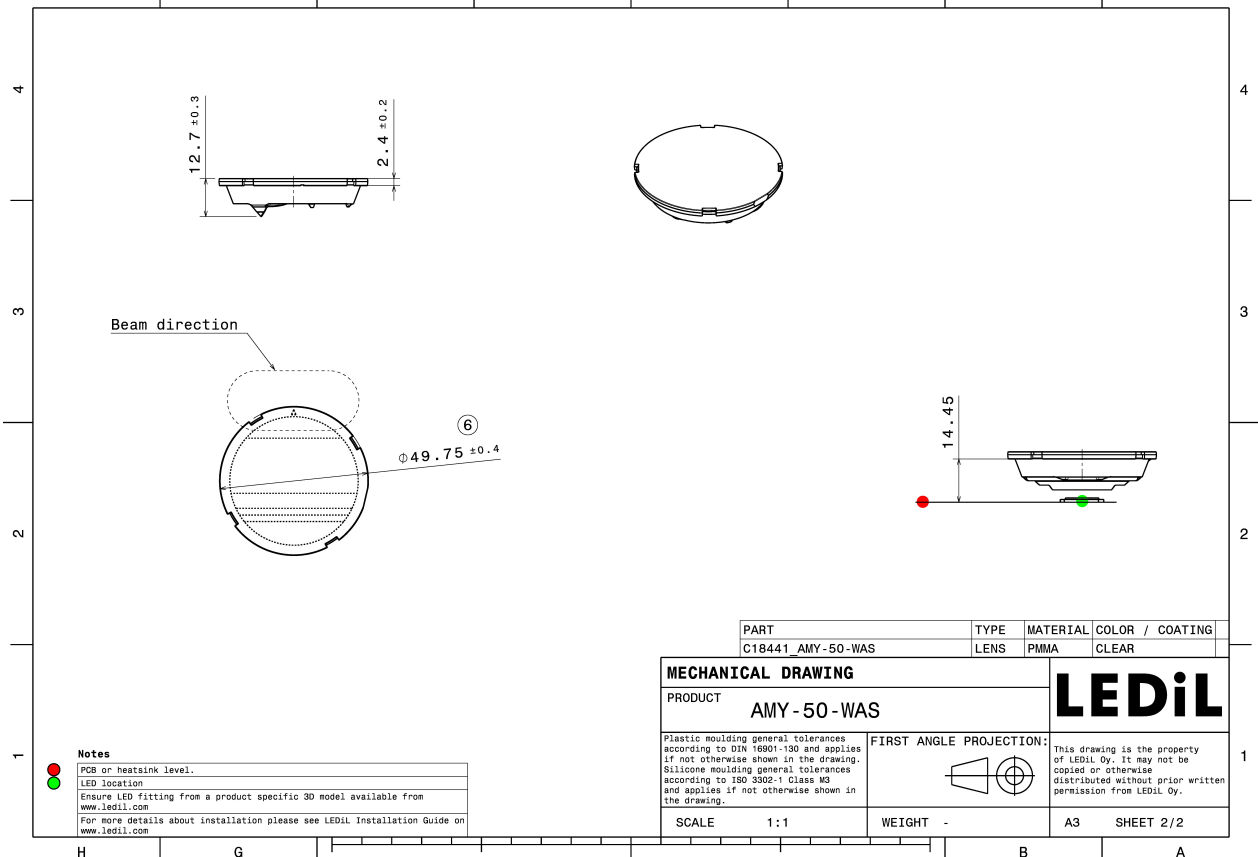
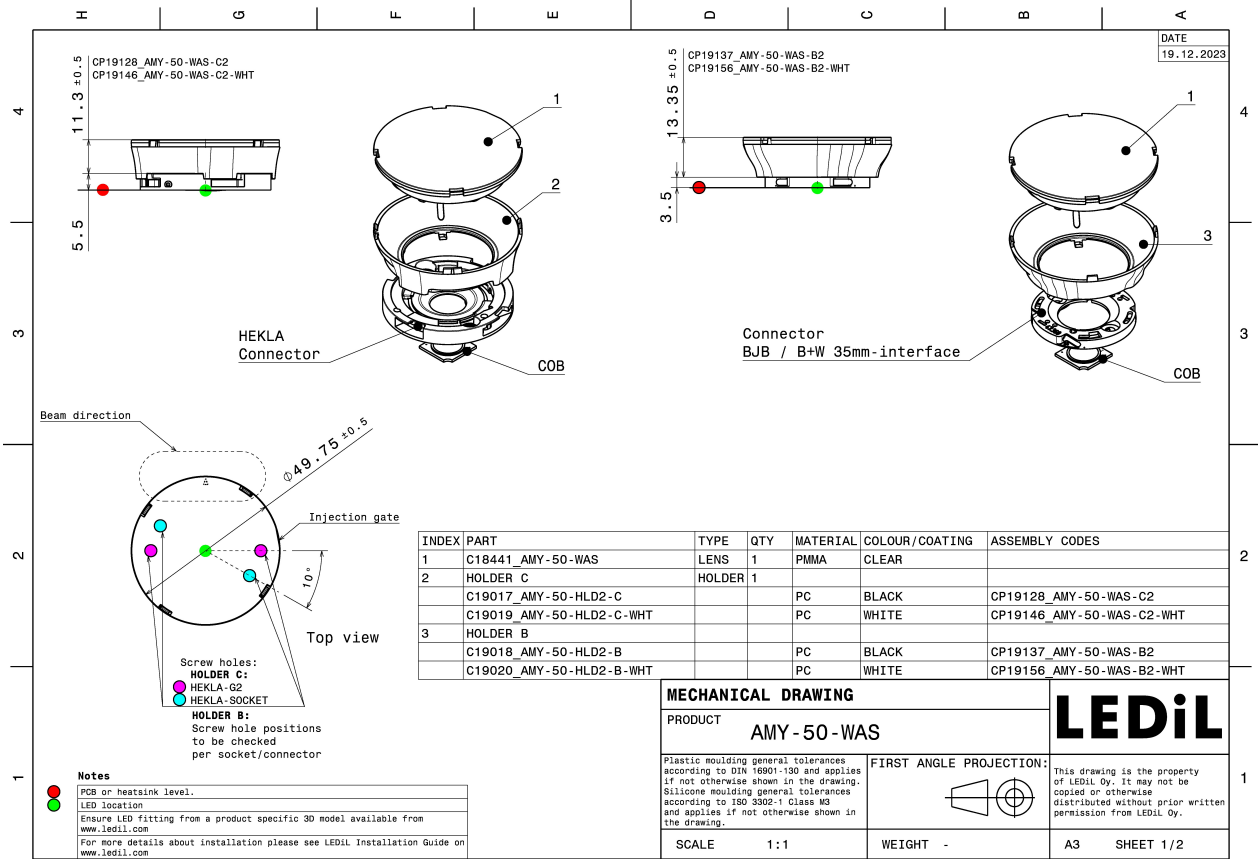
### MATERIALS:

Component	Type	Material	Colour	Finish
AMY-50-WAS	Single lens	PMMA		
AMY-50-HLD2-C	Holder C	PC	black	
AMY-50-HLD2-B	Holder B	PC	black	
AMY-50-HLD2-C-WHT	Holder C	PC	white	
AMY-50-HLD2-B-WHT	Holder B	PC	white	



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18441_AMY-50-WAS	540	120	30	9.1
<b>Assembly</b>				
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

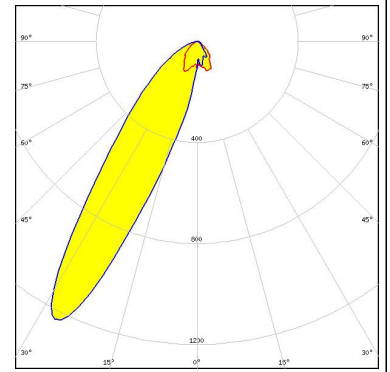


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (SIMULATED):

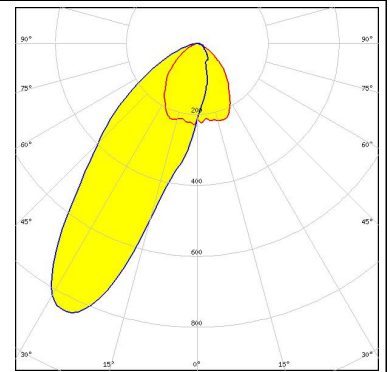
bridgelux.

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 White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



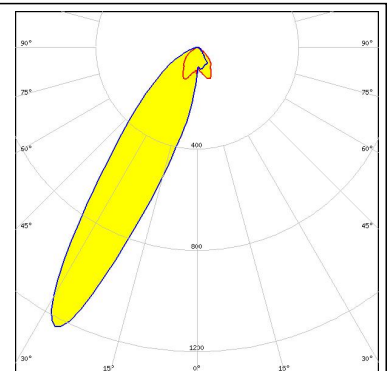
bridgelux.

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 White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



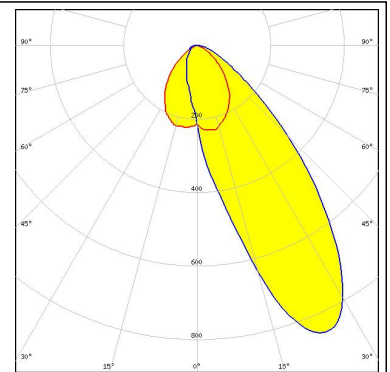
bridgelux.

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 White  
 Required components:  
 Bender Wirth: 652b Hekla



bridgelux.

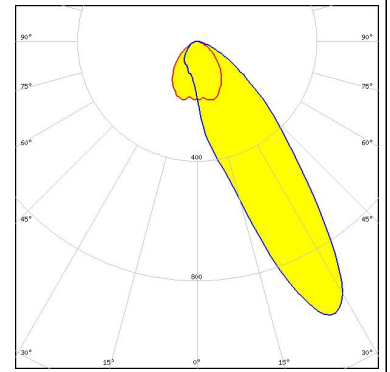
LED Vesta SE 13mm TW  
 Ordering code CP19128\_AMY-50-WAS-C2  
 FWHM / FWTM Asymmetric  
 Efficiency 78 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



### OPTICAL RESULTS (SIMULATED):

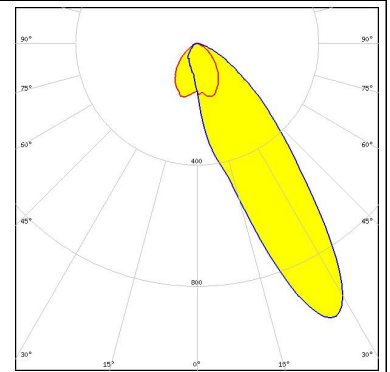
#### CITIZEN

LED CLL02x/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 White  
Required components:  
F17435\_HEKLA-G2-C



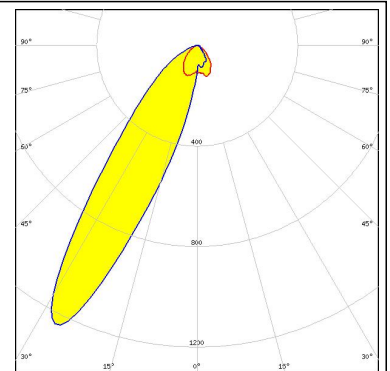
#### CITIZEN

LED CLL02x/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 White  
Required components:  
F17435\_HEKLA-G2-C



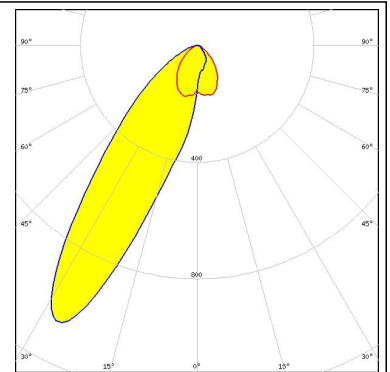
#### CREE LEDs

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 White  
Required components:  
F17435\_HEKLA-G2-C



#### CREE LEDs

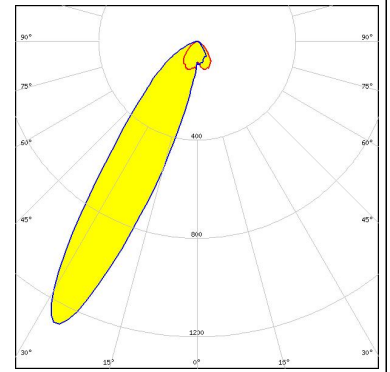
LED CHA0825  
Ordering code CP19128\_AMY-50-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 83 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17438\_HEKLA-G2-I



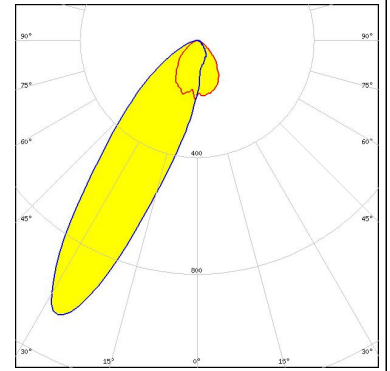
### OPTICAL RESULTS (SIMULATED):



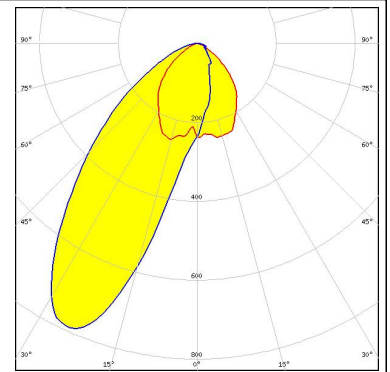
**LED** CXA/B 13xx  
**Ordering code** CP19128\_AMY-50-WAS-C2  
**FWHM / FWTM** Asymmetric  
**Efficiency** 84 %  
**Peak intensity** 1.3 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F17439\_HEKLA-G2-J



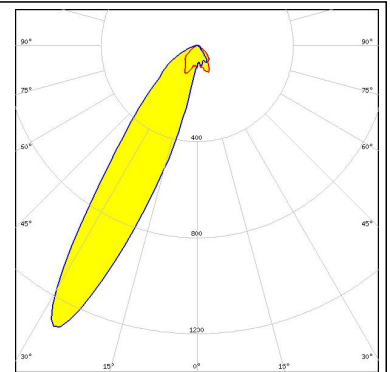
**LED** CXA/B 15xx  
**Ordering code** CP19128\_AMY-50-WAS-C2  
**FWHM / FWTM** Asymmetric  
**Efficiency** 83 %  
**Peak intensity** 1.1 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F17436\_HEKLA-G2-D



**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** White  
**Required components:**  
 Bender Wirth: 637a Hekla



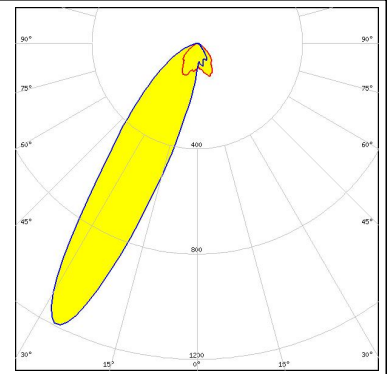
**LED** LUXEON CX Plus CoB - HD S01H4  
**Ordering code** CP19137\_AMY-50-WAS-B2  
**FWHM / FWTM** Asymmetric  
**Efficiency** 84 %  
**Peak intensity** 1.3 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 634c Bayonet35L



### OPTICAL RESULTS (SIMULATED):

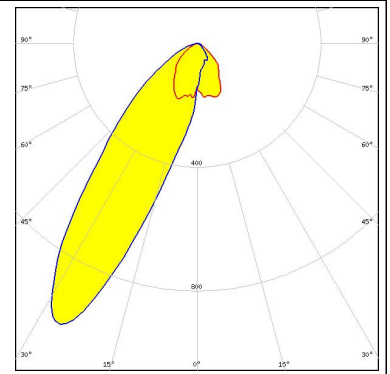
#### LUMILEDS

LED LUXEON CX Plus CoB - HD S02H6  
 Ordering code CP19137\_AMY-50-WAS-B2  
 FWHM / FWTM Asymmetric  
 Efficiency 84 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 634c Bayonet35L



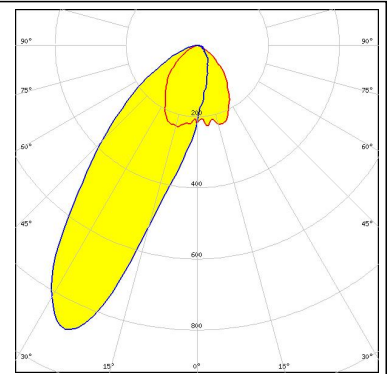
#### LUMILEDS

LED LUXEON CX Plus CoB - HD S04H9  
 Ordering code CP19137\_AMY-50-WAS-B2  
 FWHM / FWTM Asymmetric  
 Efficiency 84 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 634a Bayonet35L



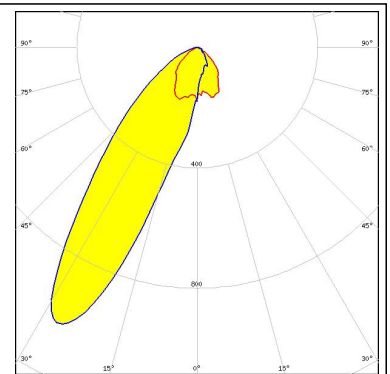
#### LUMILEDS

LED LUXEON CX Plus CoB L04 / L05 (Gen2)  
 Ordering code CP19128\_AMY-50-WAS-C2  
 FWHM / FWTM Asymmetric  
 Efficiency 83 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15254\_HEKLA-SOCKET-B



#### LUMILEDS

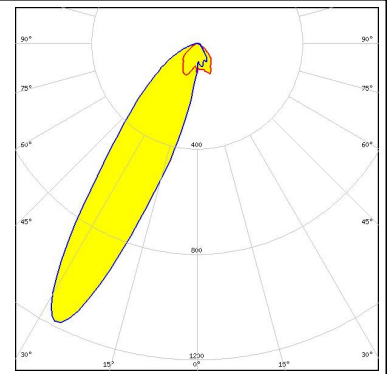
LED LUXEON CX Plus CoB M02 / M03 (Gen2)  
 Ordering code CP19128\_AMY-50-WAS-C2  
 FWHM / FWTM Asymmetric  
 Efficiency 85 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



### OPTICAL RESULTS (SIMULATED):

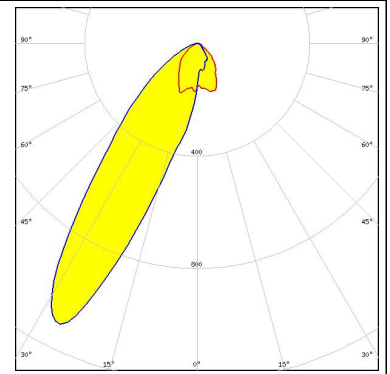
#### LUMILEDS

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 White  
Required components:  
F15956\_HEKLA-SOCKET-J



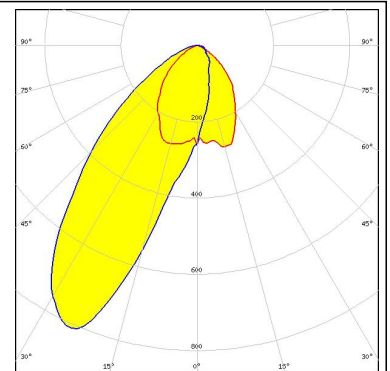
#### LUMINUS

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 White  
Required components:  
F15859\_HEKLA-SOCKET-I



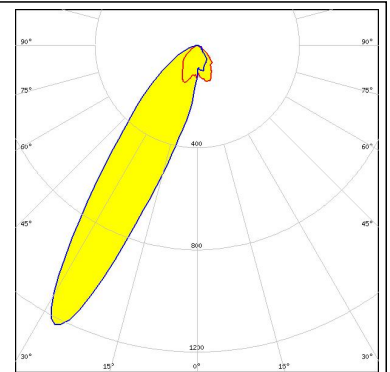
#### LUMINUS

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 Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 442 Typ L8



#### LUMINUS

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 Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 495 Typ L8

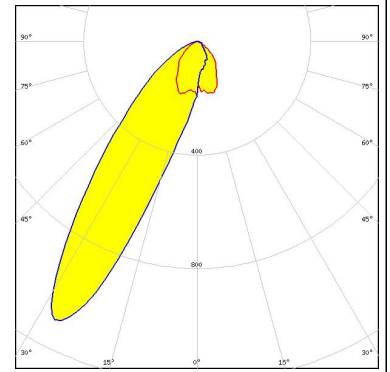




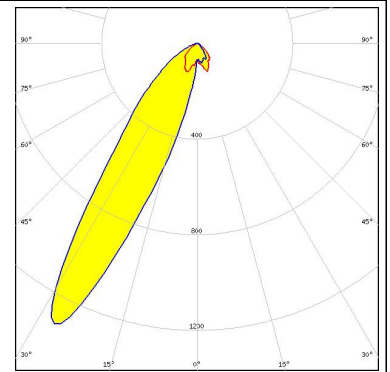
### OPTICAL RESULTS (SIMULATED):



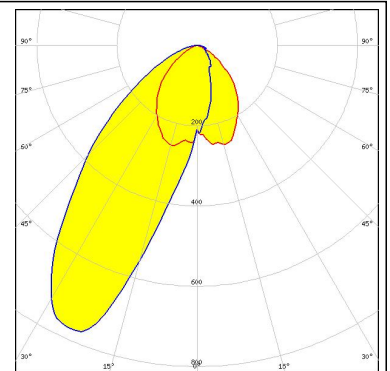
**LED** CTM-9 (Tunable White) Gen2  
**Ordering code** CP19128\_AMY-50-WAS-C2  
**FWHM / FWTM** Asymmetric  
**Efficiency** 84 %  
**Peak intensity** 1.1 cd/lm  
**LEDs/each optic** 1  
**Light colour** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 495 Typ L8



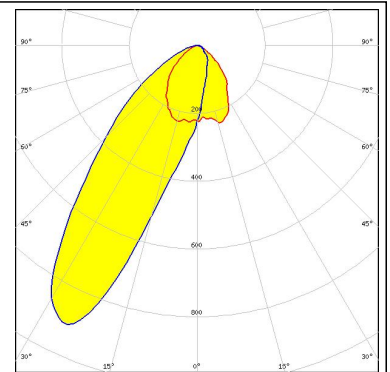
**LED** CxM-6 (13.5x13.5)  
**Ordering code** CP19137\_AMY-50-WAS-B2  
**FWHM / FWTM** Asymmetric  
**Efficiency** 85 %  
**Peak intensity** 1.3 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 BJB: 47.360.1020



**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** White  
**Required components:**  
 Bender Wirth: 663a Hekla XL



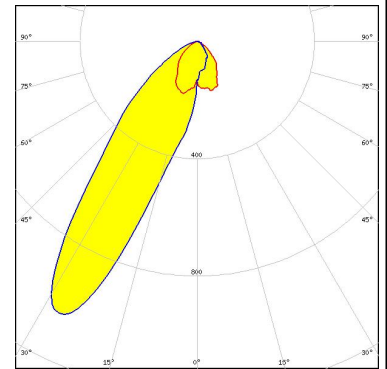
**LED** COB L-Type (LES 11)  
**Ordering code** CP19128\_AMY-50-WAS-C2  
**FWHM / FWTM** Asymmetric  
**Efficiency** 83 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F15858\_HEKLA-SOCKET-H



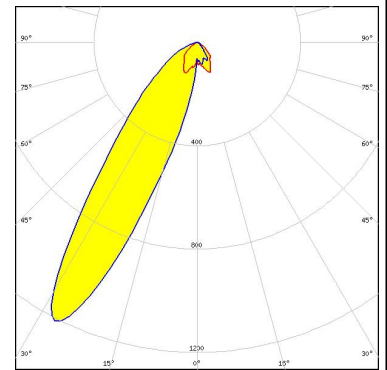
### OPTICAL RESULTS (SIMULATED):



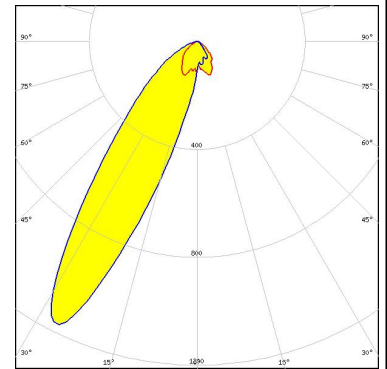
LED COB L-Type (LES 9)  
FWHM / FWTM Asymmetric  
Efficiency 84 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15858\_HEKLA-SOCKET-H



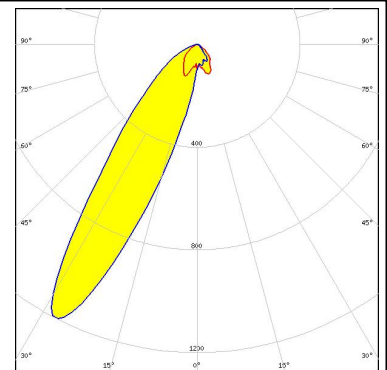
LED COB S-Type (LES 6)  
Ordering code CP19137\_AMY-50-WAS-B2  
FWHM / FWTM Asymmetric  
Efficiency 84 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 652a Bayonet35L



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 White  
Required components:  
Bender Wirth: 652a Bayonet35L



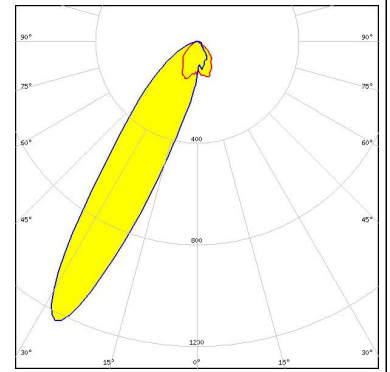
LED COB T-Type  
Ordering code CP19137\_AMY-50-WAS-B2  
FWHM / FWTM Asymmetric  
Efficiency 84 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 652a Bayonet35L



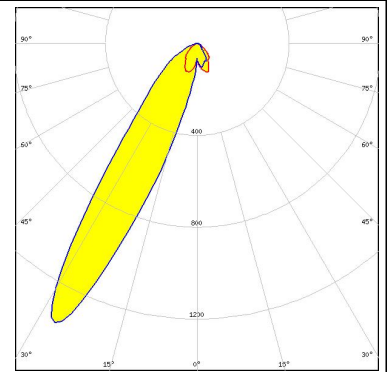
### OPTICAL RESULTS (SIMULATED):



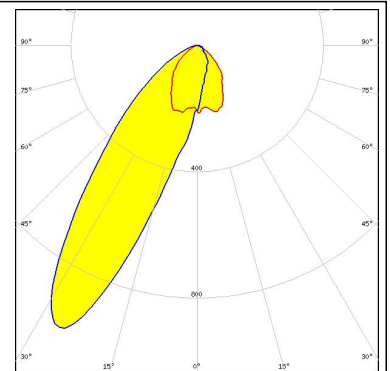
LED NJCWL024Z-V1MT: COB L-Type Tunable White  
Ordering code CP19128\_AMY-50-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 84 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 497 Typ L8 HV



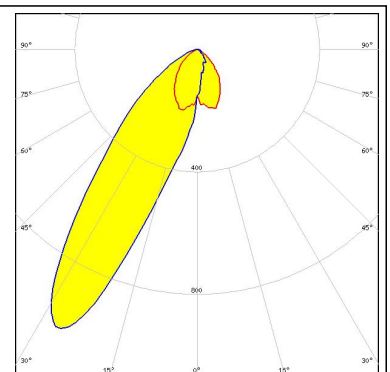
LED NJNWS012Z-V1MT: COB S-Type Tunable White  
Ordering code CP19128\_AMY-50-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 85 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 495 Typ L8 HV



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 Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 498 Typ L8 HV



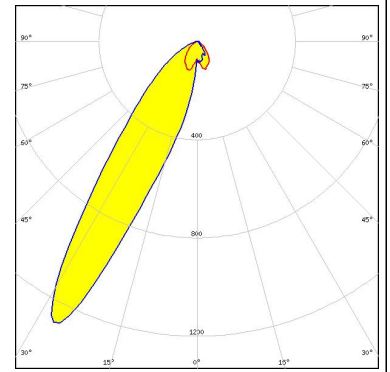
LED LC003D / LC006D / LC009D / LC013D  
Ordering code C18441\_AMY-50-WAS  
FWHM / FWTM Asymmetric  
Efficiency 80 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### OPTICAL RESULTS (SIMULATED):

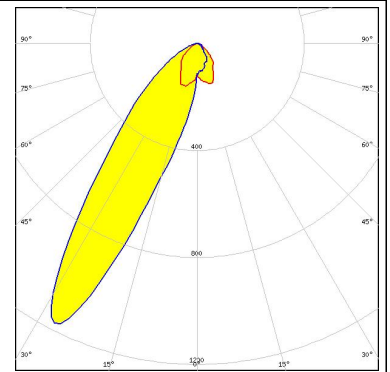
#### SAMSUNG

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 White  
Required components:



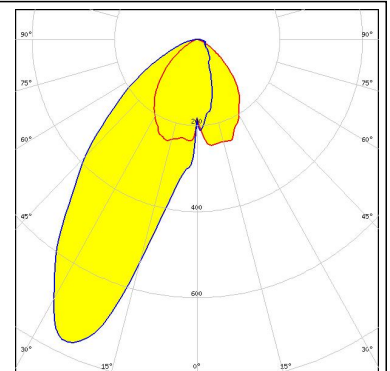
#### SAMSUNG

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 Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 501 Typ L8



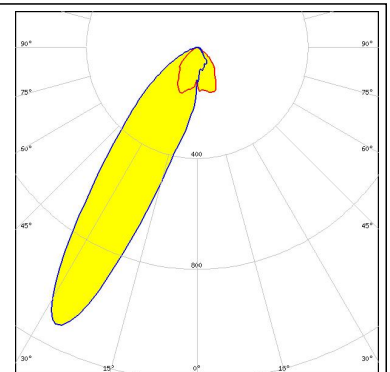
#### SAMSUNG

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 White  
Required components:  
BJB: 47.360.1010



#### SAMSUNG

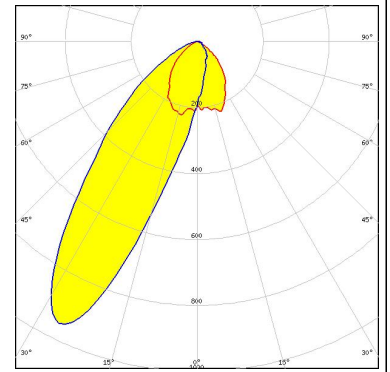
LED LC020C G2  
Ordering code CP19137\_AMY-50-WAS-B2  
FWHM / FWTM Asymmetric  
Efficiency 83 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.360.1010



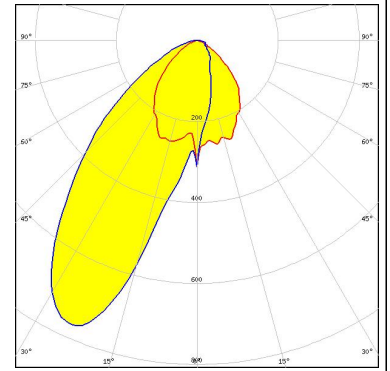
### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

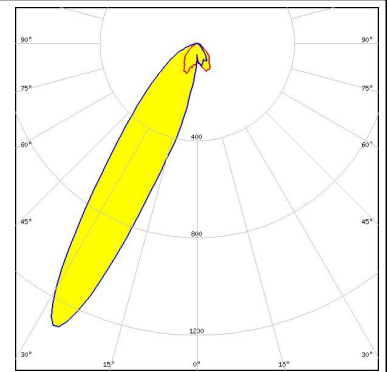
LED LC030C/040C G2  
 Ordering code CP19137\_AMY-50-WAS-B2  
 FWHM / FWTM Asymmetric  
 Efficiency 82 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1010



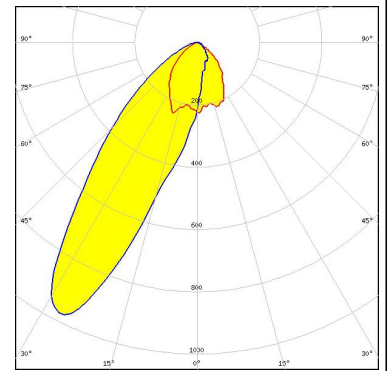
SEOUL SEMICONDUCTOR  
 LED MJT COB LES 14.5  
 Ordering code CP19128\_AMY-50-WAS-C2  
 FWHM / FWTM Asymmetric  
 Efficiency 82 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



SEOUL SEMICONDUCTOR  
 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 White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



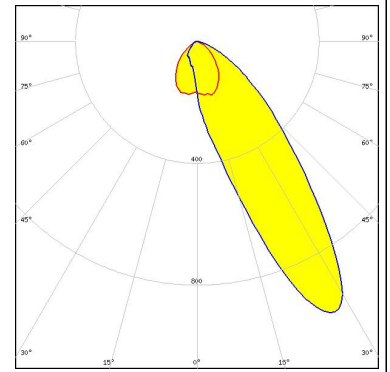
SEOUL SEMICONDUCTOR  
 LED MJT COB LES 9.8  
 Ordering code CP19128\_AMY-50-WAS-C2  
 FWHM / FWTM Asymmetric  
 Efficiency 85 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



### 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/lm
LEDs/each optic	1
Light colour	White
Required components:	
	F17435_HEKLA-G2-C



### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

### MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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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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