

## AMY-70-WAS

Asymmetric beam for wall washing

### SPECIFICATION:

Dimensions	Ø 69.9 mm
Height	11.8 mm
Fastening	socket
ROHS compliant	yes ⓘ

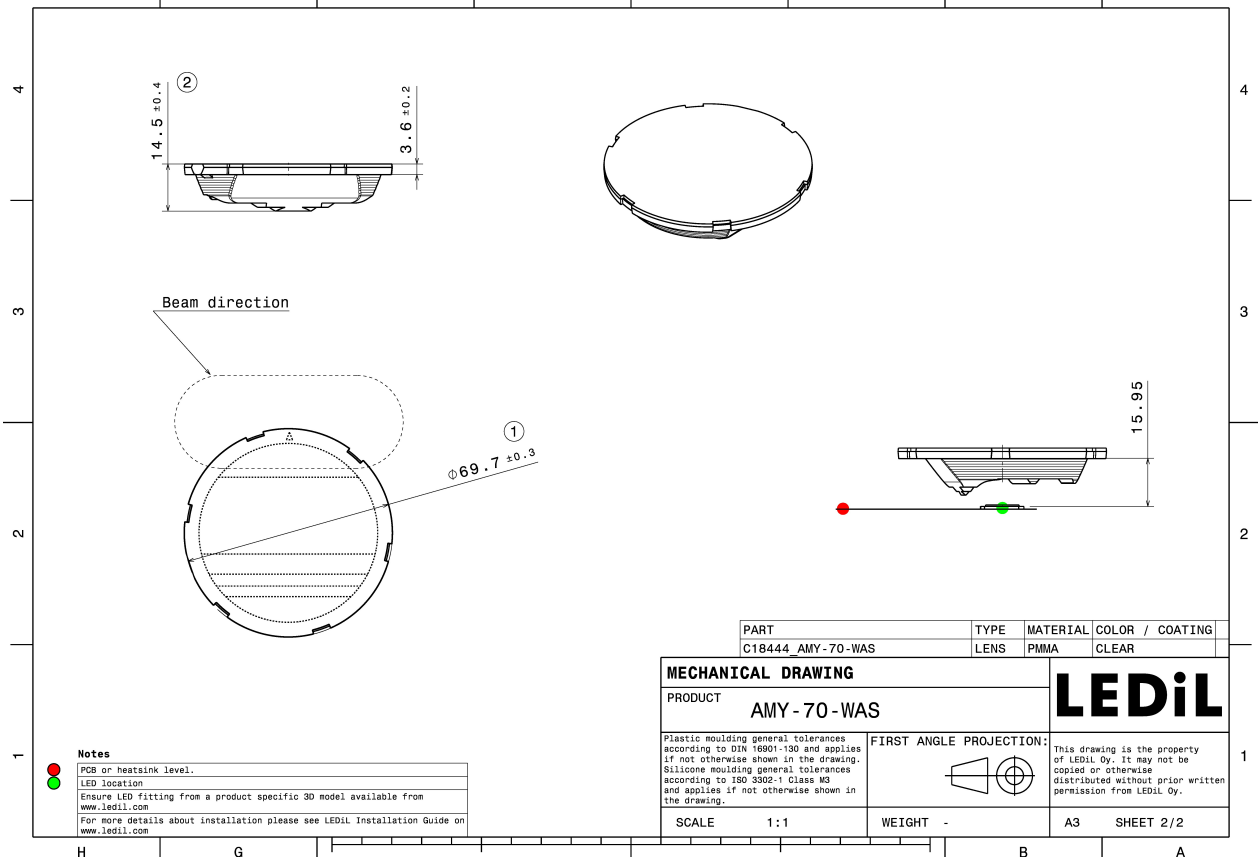
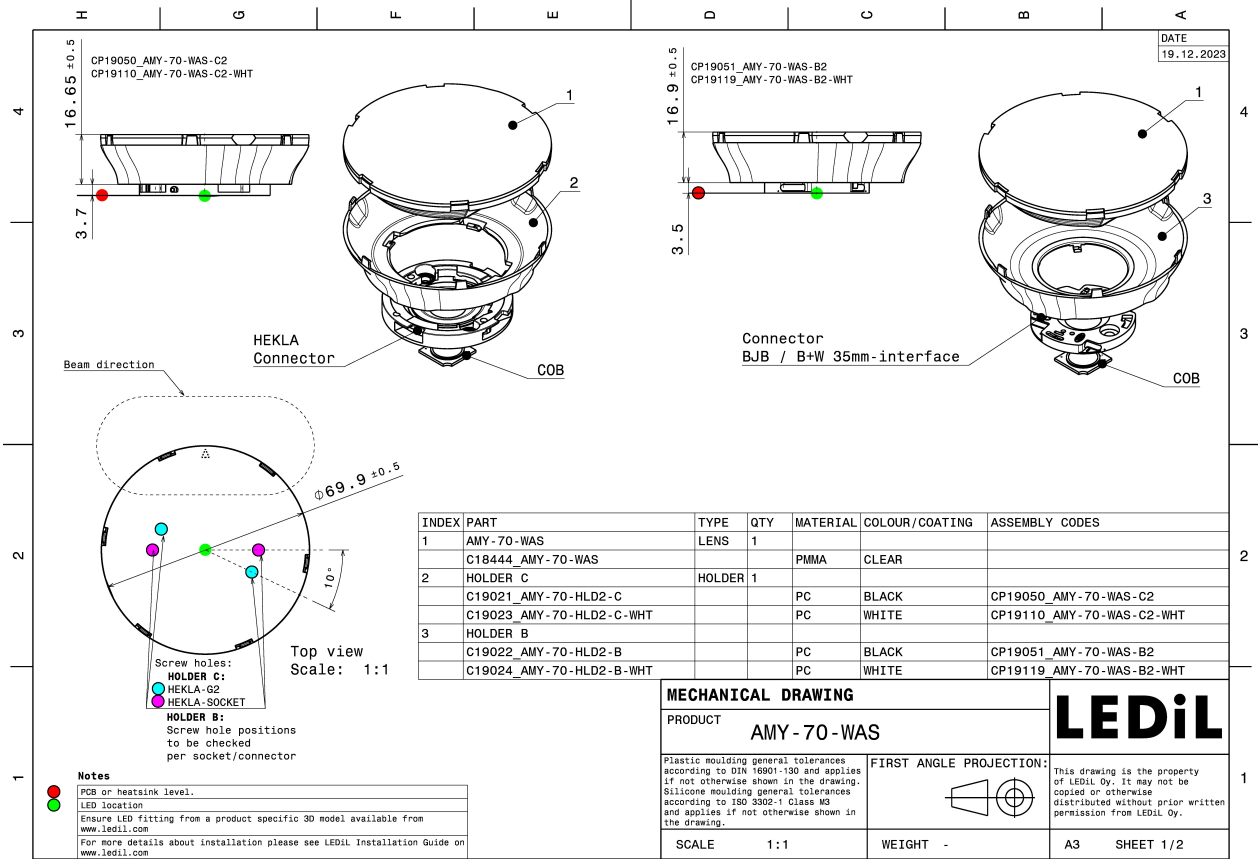
### MATERIALS:

Component	Type	Material	Colour	Finish
AMY-70-WAS	Single lens	PMMA		
AMY-70-HLD2-C	Holder C	PC	black	
AMY-70-HLD2-B	Holder B	PC	black	
AMY-70-HLD2-C-WHT	Holder C	PC	white	
AMY-70-HLD2-B-WHT	Holder B	PC	white	



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18444_AMY-70-WAS	285	285	15	10.6
<b>Assembly</b>				
CP19119_AMY-70-WAS-B2-WHT	210	210	15	9.6
CP19110_AMY-70-WAS-C2-WHT	210	210	15	9.5
CP19051_AMY-70-WAS-B2	210	210	15	9.6
CP19050_AMY-70-WAS-C2	210	210	15	9.3

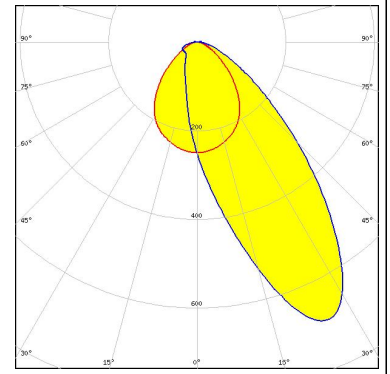


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

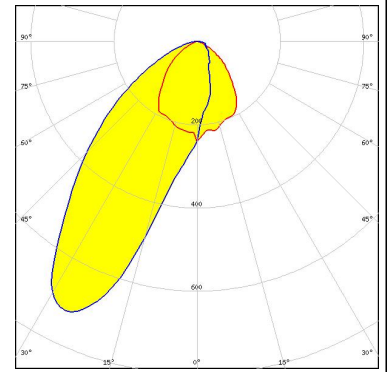
LED LC016D / LC019D / LC026D / LC033D  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 76 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17438\_HEKLA-G2-I



### OPTICAL RESULTS (SIMULATED):

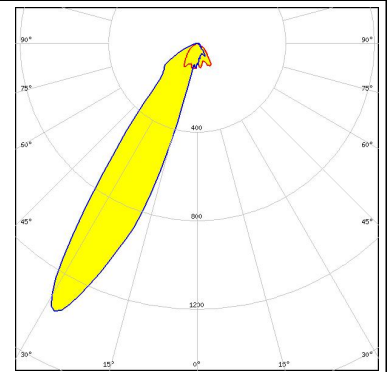
bridgelux.

LED V18 Gen 8-9  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 639b Hekla XL



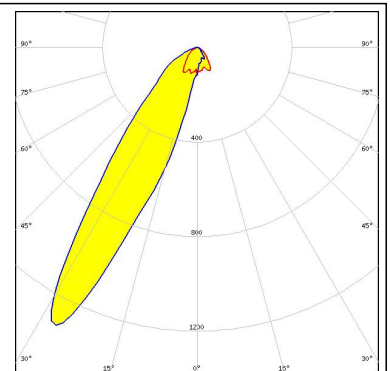
bridgelux.

LED V3 HD Gen 8  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15253\_HEKLA-SOCKET-A



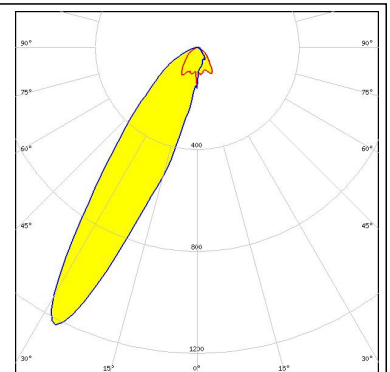
bridgelux.

LED V6 HD Gen 8  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 85 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15255\_HEKLA-SOCKET-C

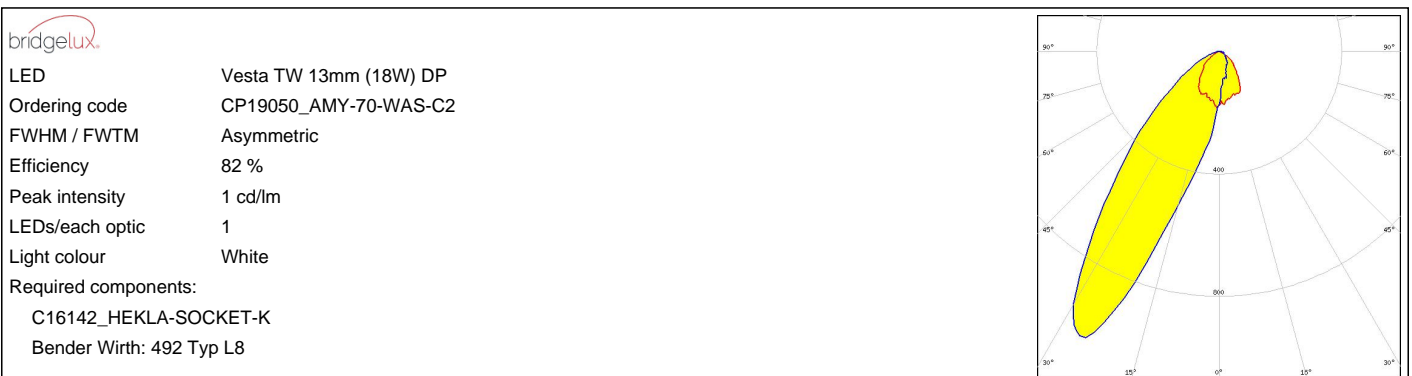
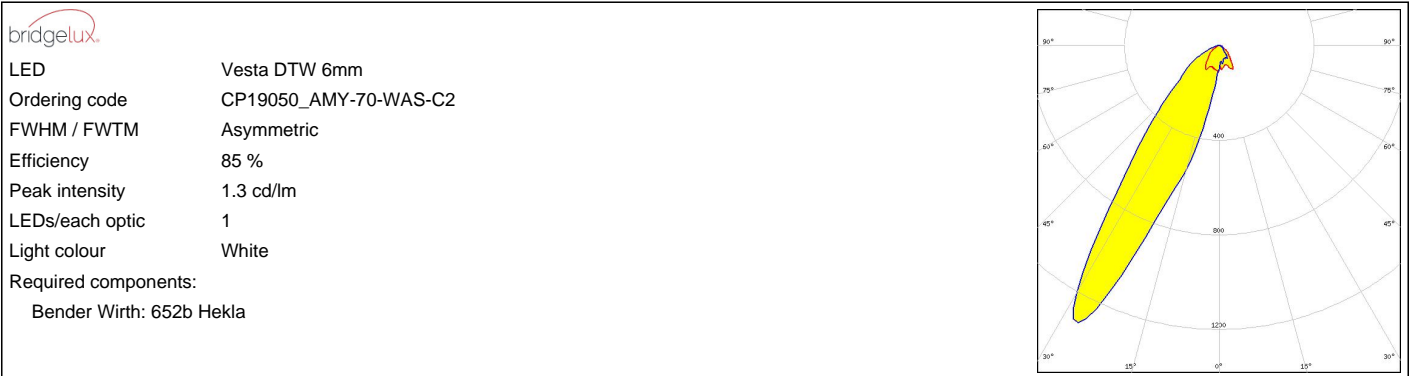


bridgelux.

LED V9 HD Gen 8  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 84 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15859\_HEKLA-SOCKET-I



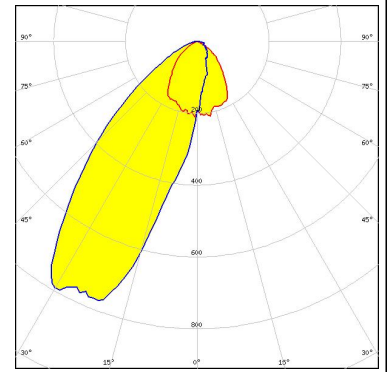
### OPTICAL RESULTS (SIMULATED):



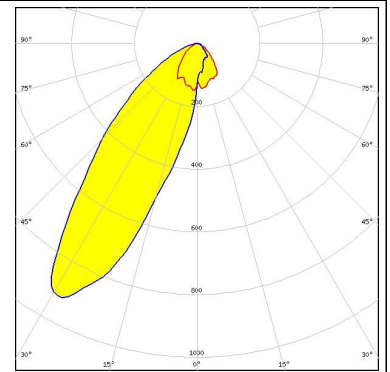
### OPTICAL RESULTS (SIMULATED):



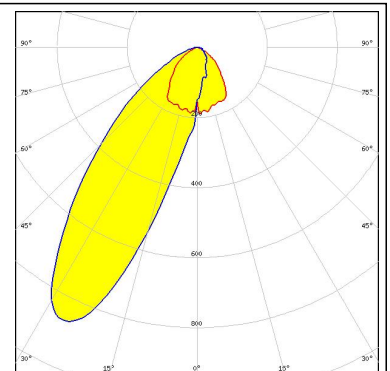
LED Vesta TW 15mm DP  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 82 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 482 Typ L8



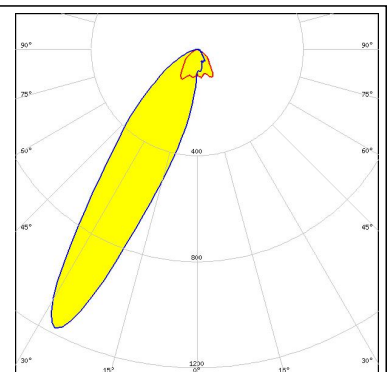
LED Vesta TW 9mm (9W) DP  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 83 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 489 Typ L8



LED LUXEON CX Plus CoB L08 (Gen2)  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 83 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 637a Hekla



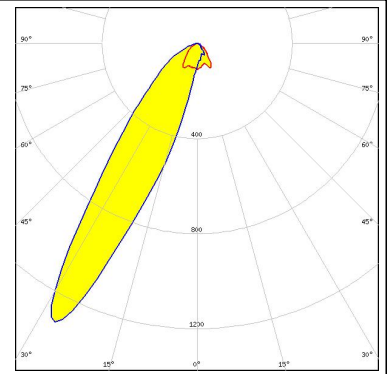
LED LUXEON CoB 1202/1203  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 84 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15858\_HEKLA-SOCKET-H



### OPTICAL RESULTS (SIMULATED):

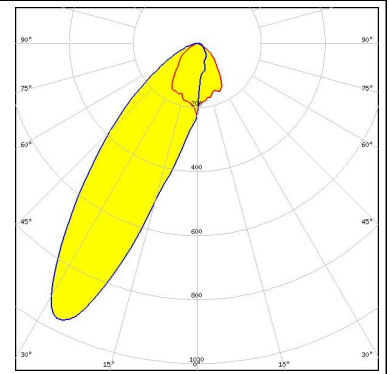
#### LUMILEDS

LED LUXEON CoB 1202HD  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15848\_HEKLA-SOCKET-G



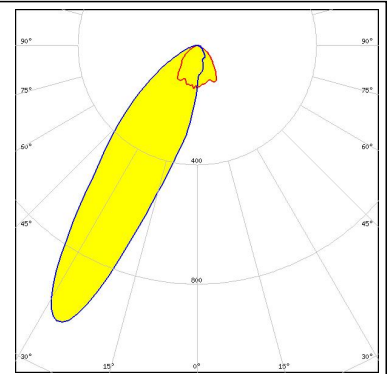
#### LUMILEDS

LED LUXEON CoB 1204/1205  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 84 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 632a Hekla XL



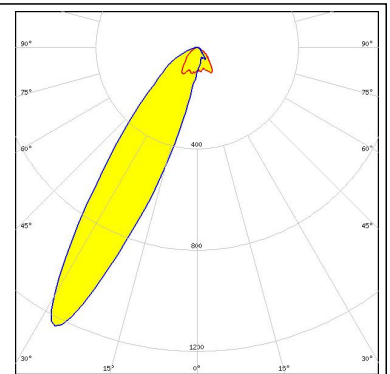
#### LUMILEDS

LED LUXEON CoB 1205HD  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 83 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15858\_HEKLA-SOCKET-H



#### LUMILEDS

LED LUXEON CX Plus CoB - HD S02H6  
Ordering code CP19051\_AMY-70-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

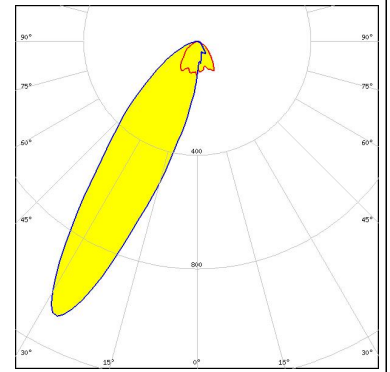




### OPTICAL RESULTS (SIMULATED):

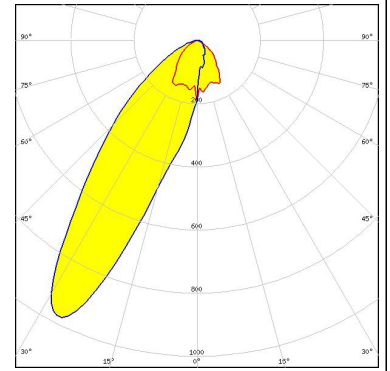
#### LUMILEDS

LED LUXEON CX Plus CoB - HD S04H9  
 Ordering code CP19051\_AMY-70-WAS-B2  
 FWHM / FWTM Asymmetric  
 Efficiency 83 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 634a Bayonet35L



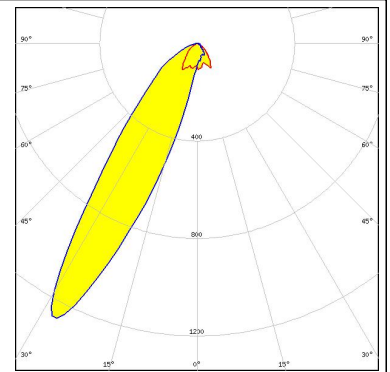
#### LUMILEDS

LED LUXEON CX Plus CoB L04 / L05 (Gen2)  
 Ordering code CP19050\_AMY-70-WAS-C2  
 FWHM / FWTM Asymmetric  
 Efficiency 83 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15254\_HEKLA-SOCKET-B



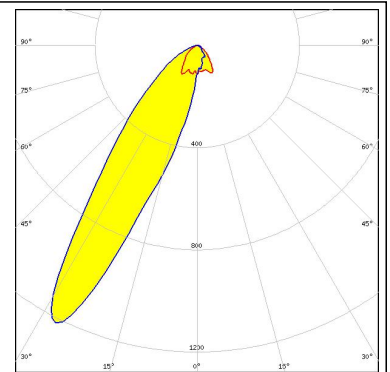
#### LUMILEDS

LED LUXEON CX Plus CoB S01 (Gen2)  
 Ordering code CP19050\_AMY-70-WAS-C2  
 FWHM / FWTM Asymmetric  
 Efficiency 85 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15956\_HEKLA-SOCKET-J



#### LUMINUS

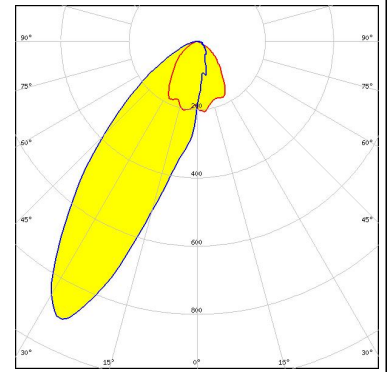
LED CHM-9 XH (19x19)  
 Ordering code CP19050\_AMY-70-WAS-C2  
 FWHM / FWTM Asymmetric  
 Efficiency 84 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



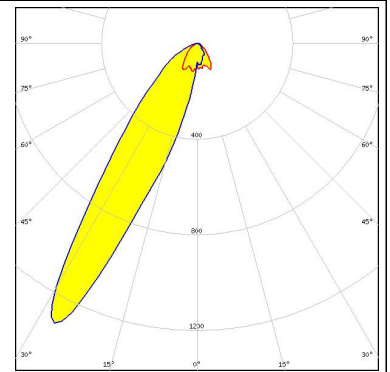
### OPTICAL RESULTS (SIMULATED):



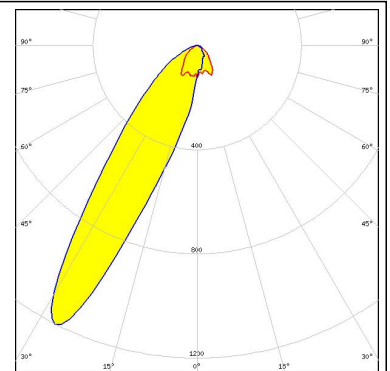
LED CTM-14 (Tunable White) Gen2  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 83 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 442 Typ L8



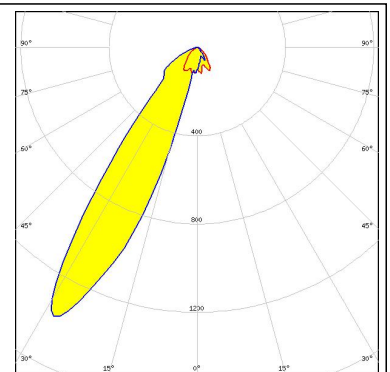
LED CTM-6 (Tunable White) Gen2  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 84 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 495 Typ L8



LED CTM-9 (Tunable White) Gen2  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 83 %  
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



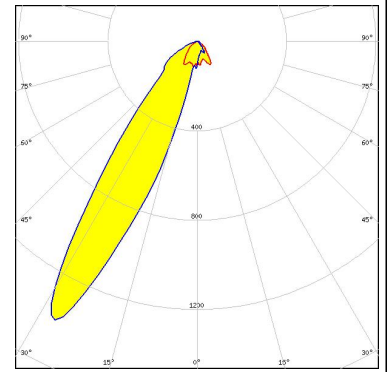
LED CXM-3  
Ordering code CP19051\_AMY-70-WAS-B2  
FWHM / FWTM Asymmetric  
Efficiency 85 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 634a Bayonet35L



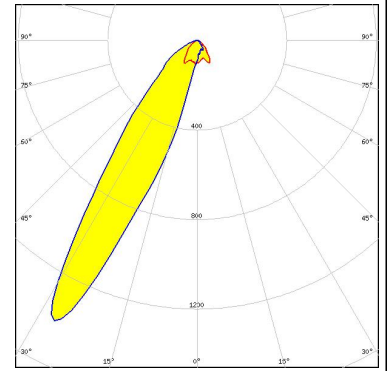
### OPTICAL RESULTS (SIMULATED):



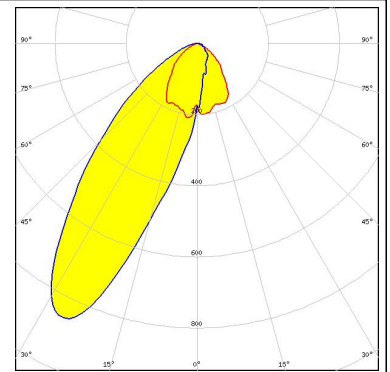
**LED** CXM-4  
**Ordering code** CP19051\_AMY-70-WAS-B2  
**FWHM / FWTM** Asymmetric  
**Efficiency** 85 %  
**Peak intensity** 1.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 634a Bayonet35L



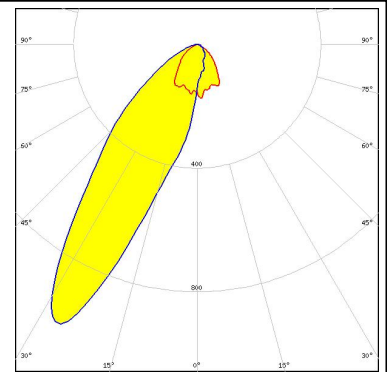
**LED** CxM-6 (13.5x13.5)  
**Ordering code** CP19051\_AMY-70-WAS-B2  
**FWHM / FWTM** Asymmetric  
**Efficiency** 85 %  
**Peak intensity** 1.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 BJB: 47.360.1020



**LED** COB J-Type  
**FWHM / FWTM** Asymmetric  
**Efficiency** 83 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 663a Hekla XL



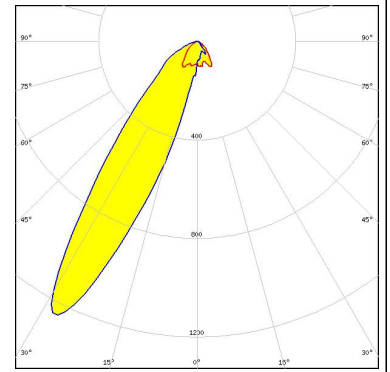
**LED** COB L-Type (LES 11)  
**Ordering code** CP19050\_AMY-70-WAS-C2  
**FWHM / FWTM** Asymmetric  
**Efficiency** 83 %  
**Peak intensity** 1 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F15858\_HEKLA-SOCKET-H



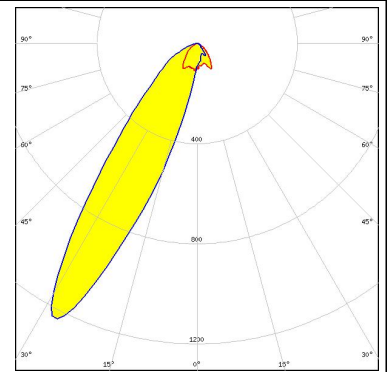
### OPTICAL RESULTS (SIMULATED):



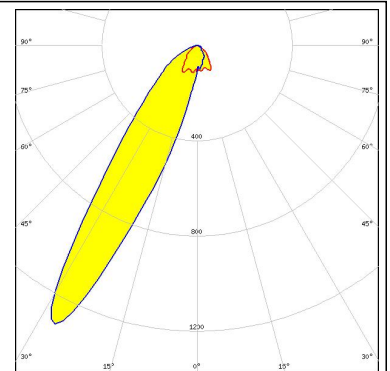
**LED** COB S-Type (LES 6)  
**Ordering code** CP19051\_AMY-70-WAS-B2  
**FWHM / FWTM** Asymmetric  
**Efficiency** 84 %  
**Peak intensity** 1.3 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 652a Bayonet35L



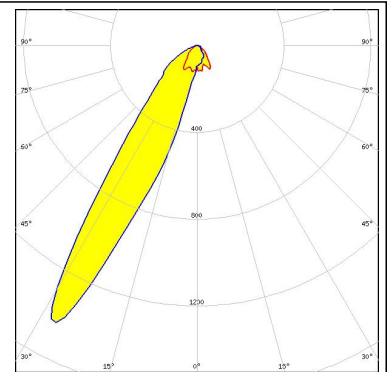
**LED** COB S-Type (LES 7)  
**Ordering code** CP19051\_AMY-70-WAS-B2  
**FWHM / FWTM** Asymmetric  
**Efficiency** 84 %  
**Peak intensity** 1.2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 652a Bayonet35L



**LED** NJCWL024Z-V1MT: COB L-Type Tunable White  
**Ordering code** CP19050\_AMY-70-WAS-C2  
**FWHM / FWTM** Asymmetric  
**Efficiency** 84 %  
**Peak intensity** 1.3 cd/lm  
**LEDs/each optic** 1  
**Light colour** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 497 Typ L8 HV



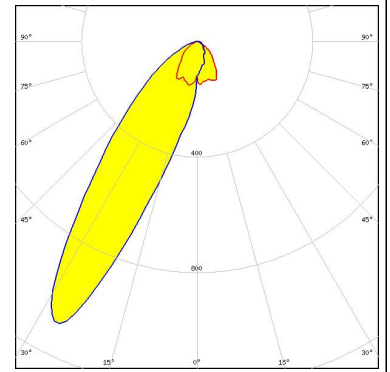
**LED** NJNWS012Z-V1MT: COB S-Type Tunable White  
**Ordering code** CP19050\_AMY-70-WAS-C2  
**FWHM / FWTM** Asymmetric  
**Efficiency** 84 %  
**Peak intensity** 1.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 495 Typ L8 HV



### OPTICAL RESULTS (SIMULATED):

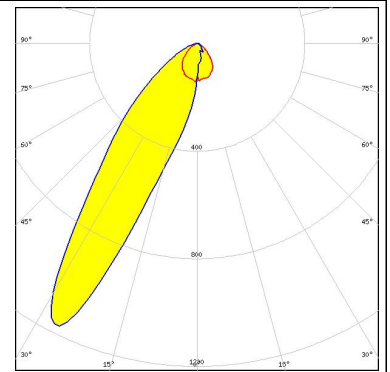


LED NVCWJ024Z-V1MT: COB J-Type Tunable White  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 84 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 498 Typ L8 HV



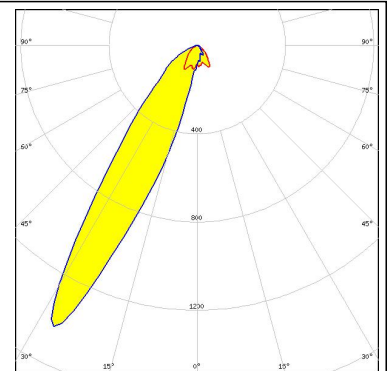
### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
Ordering code C18444\_AMY-70-WAS  
FWHM / FWTM Asymmetric  
Efficiency 82 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



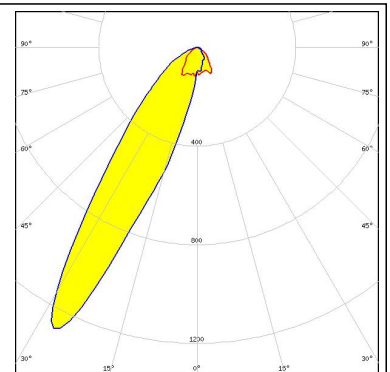
### SAMSUNG

LED LC010C G2  
Ordering code CP19051\_AMY-70-WAS-B2  
FWHM / FWTM Asymmetric  
Efficiency 85 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.360.1020



### SAMSUNG

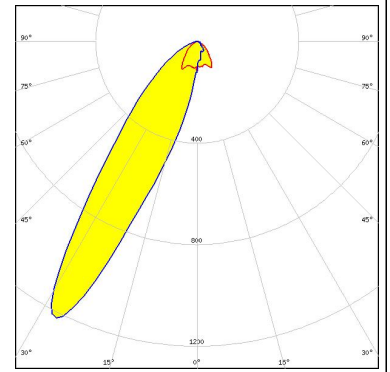
LED LC010T (Tunable White)  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 84 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour Tunable White  
Required components:  
Bender Wirth: 501 Typ L8



### OPTICAL RESULTS (SIMULATED):

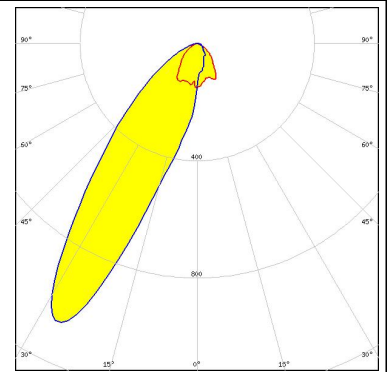
#### SAMSUNG

LED LC020C G2  
Ordering code CP19051\_AMY-70-WAS-B2  
FWHM / FWTM Asymmetric  
Efficiency 83 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.360.1010



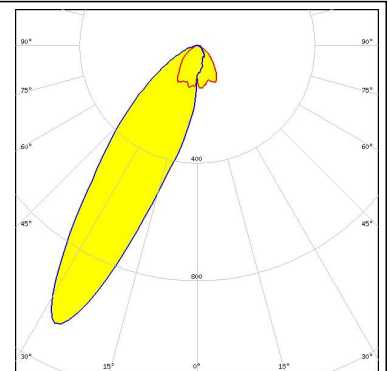
#### SAMSUNG

LED LC020T (Tunable white)  
Ordering code CP19050\_AMY-70-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: 501 Typ L8



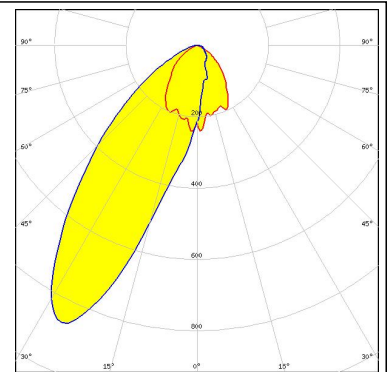
#### SAMSUNG

LED LC030C/040C G2  
Ordering code CP19051\_AMY-70-WAS-B2  
FWHM / FWTM Asymmetric  
Efficiency 82 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.360.1010

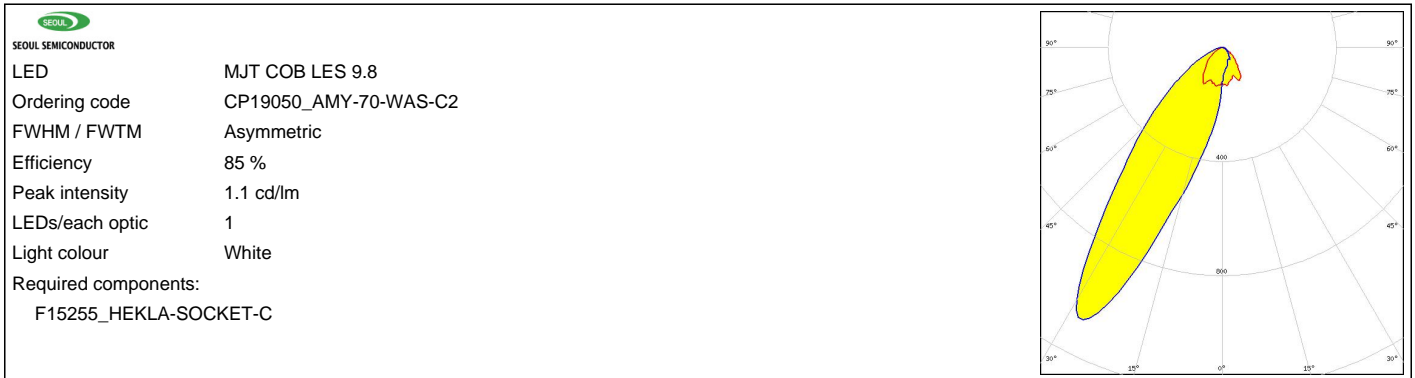


SEOUL SEMICONDUCTOR

LED MJT COB LES 14.5  
Ordering code CP19050\_AMY-70-WAS-C2  
FWHM / FWTM Asymmetric  
Efficiency 83 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15859\_HEKLA-SOCKET-I



### OPTICAL RESULTS (SIMULATED):



### 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:

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