

## AMY-70-S

~18° spot beam

### SPECIFICATION:

Dimensions	Ø 69.9 mm
Height	12.7 mm
Fastening	socket
ROHS compliant	yes ⓘ

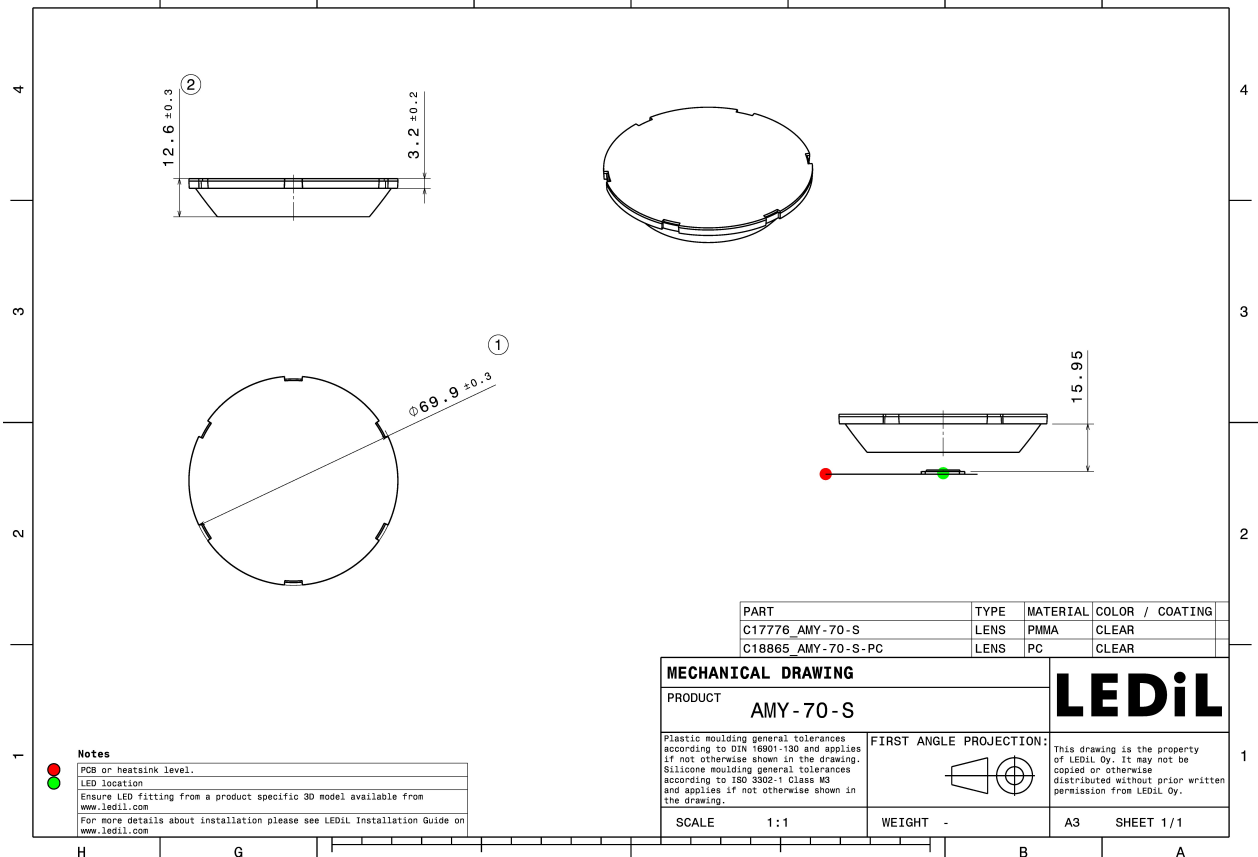
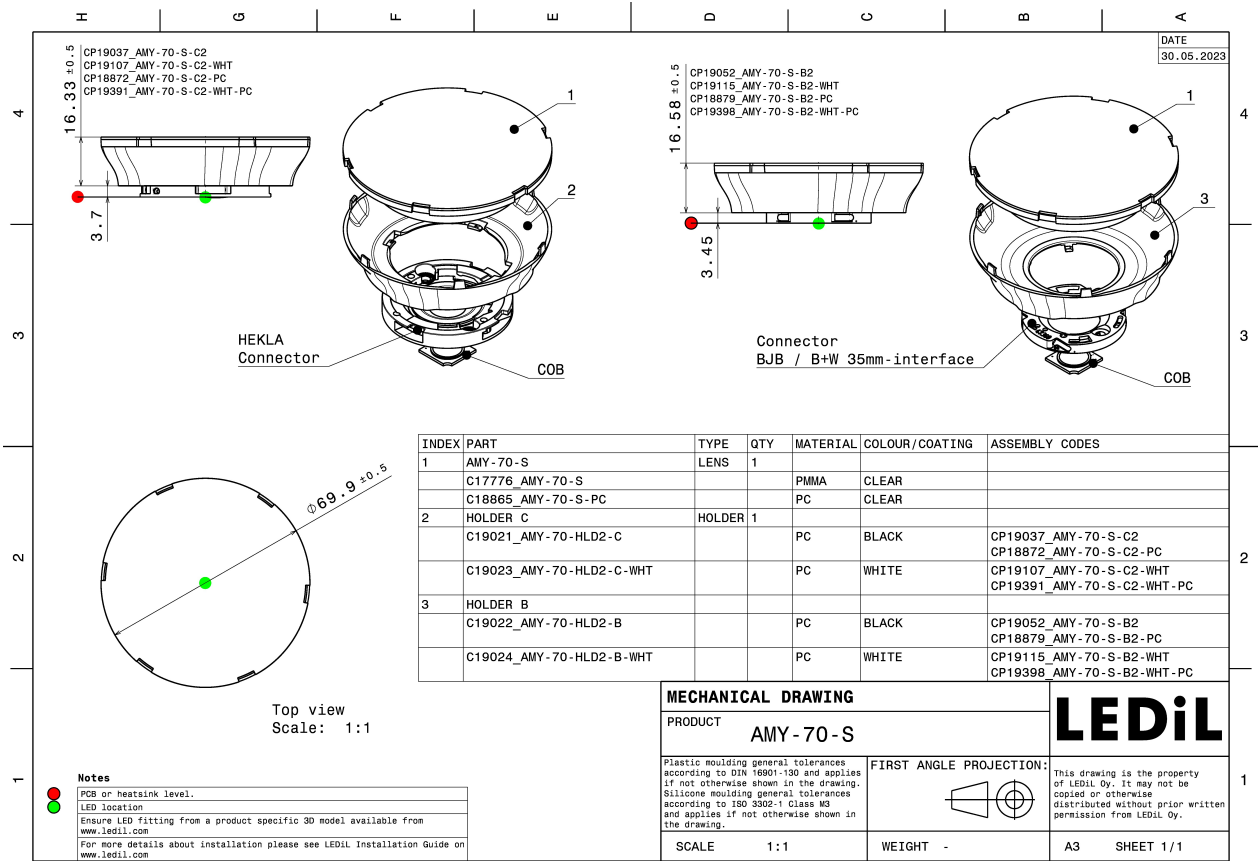
### MATERIALS:

Component	Type	Material	Colour	Finish
AMY-70-S	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	



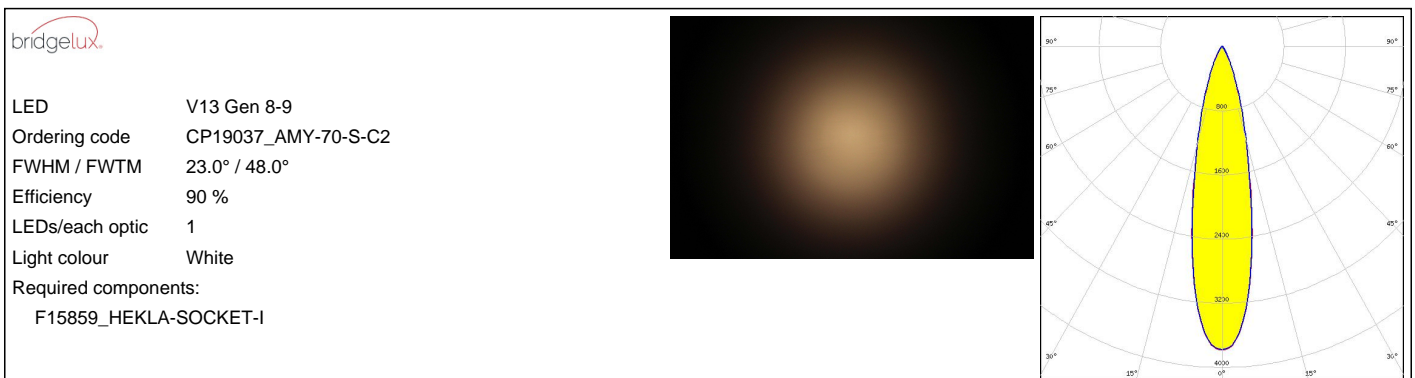
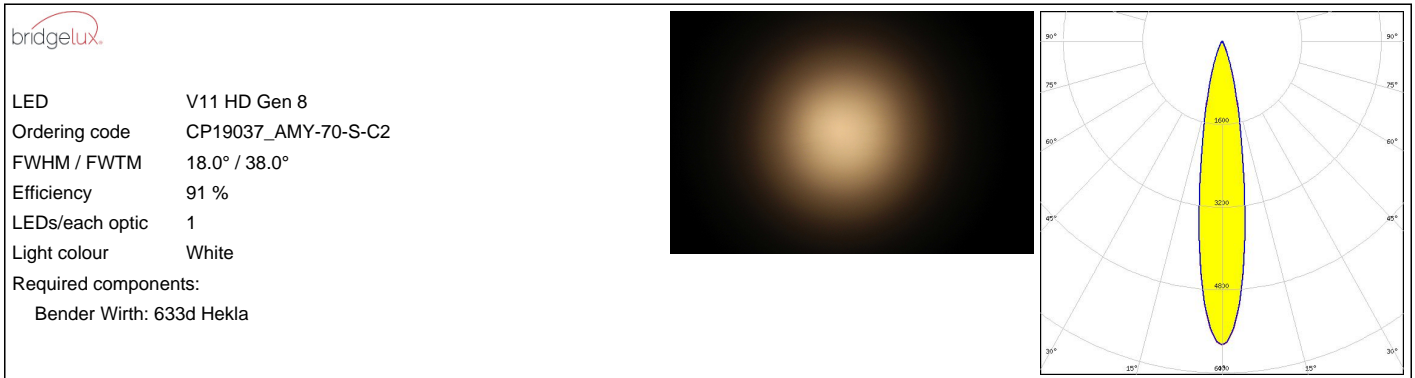
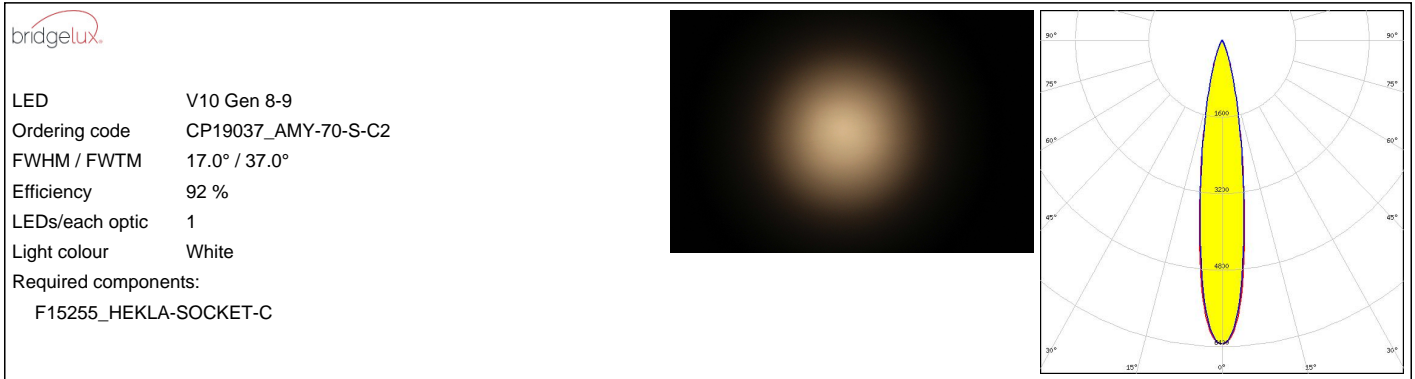
### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17776_AMY-70-S	285	285	15	9.2
<b>Assembly</b>				
CP19115_AMY-70-S-B2-WHT	210	210	15	8.7
CP19107_AMY-70-S-C2-WHT	210	210	15	8.4
CP19052_AMY-70-S-B2	210	210	15	8.7
CP19037_AMY-70-S-C2	210	210	15	8.4



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

### OPTICAL RESULTS (MEASURED):





### OPTICAL RESULTS (MEASURED):

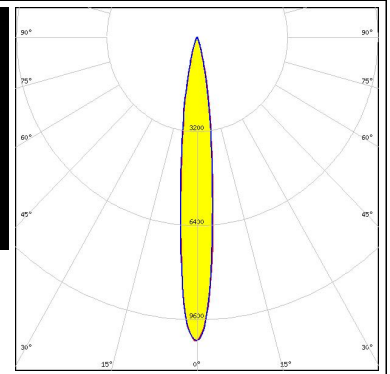
#### CITIZEN

LED CLL02x/CLU02x (LES10)  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 17.0° / 36.0°  
 Efficiency 90 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



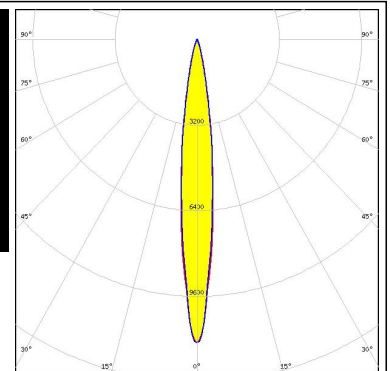
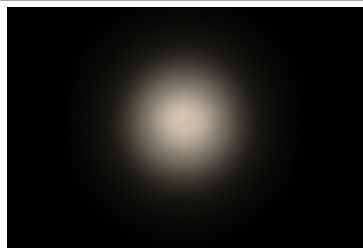
#### CITIZEN

LED CLU700/701/702/703  
 Ordering code CP19052\_AMY-70-S-B2  
 FWHM / FWTM 13.0° / 29.0°  
 Efficiency 93 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1020



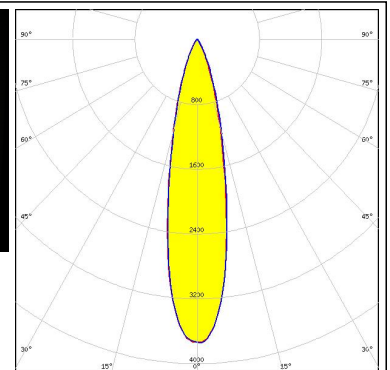
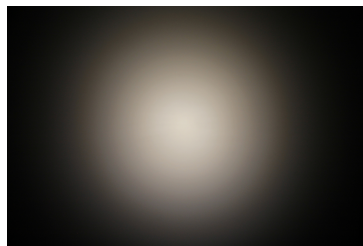
#### CITIZEN

LED CLU7S3  
 Ordering code CP19052\_AMY-70-S-B2  
 FWHM / FWTM 12.0° / 28.0°  
 Efficiency 93 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 667a Bayonet35



#### CREE<sup>LEDs</sup>

LED CMU15xx  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 23.0° / 48.0°  
 Efficiency 88 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



### OPTICAL RESULTS (MEASURED):

**LUMILEDS**

LED LUXEON Fusion 12-up (20x24)  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 19.0° / 38.0°  
 Efficiency 84 %  
 LEDs/each optic 1  
 Light colour White

Required components:  
 C16142\_HEKLA-SOCKET-K  
 F18158\_HEKLA-RZ-LENS  
 Bender Wirth: 442 Typ L8




**LUMILEDS**

LED LUXEON Fusion 21-up (20x24)  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 19.0° / 38.0°  
 Efficiency 82 %  
 LEDs/each optic 1  
 Light colour White

Required components:  
 C16142\_HEKLA-SOCKET-K  
 F18158\_HEKLA-RZ-LENS  
 Bender Wirth: 442 Typ L8




**LUMILEDS**

LED LUXEON Fusion 27-up (20x24)  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 23.0° / 45.0°  
 Efficiency 82 %  
 LEDs/each optic 1  
 Light colour White

Required components:  
 C16142\_HEKLA-SOCKET-K  
 F18158\_HEKLA-RZ-LENS  
 Bender Wirth: 442 Typ L8




**LUMINUS**

LED CTM-14 (Tunable White) Gen2  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 22.0° / 46.0°  
 Efficiency 89 %  
 LEDs/each optic 1  
 Light colour White

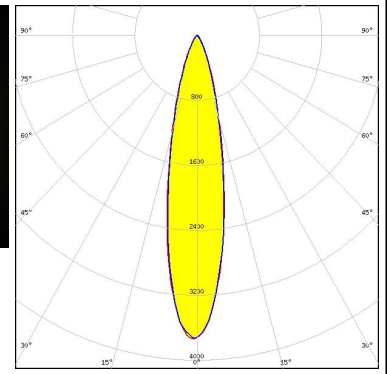
Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 442 Typ L8




### OPTICAL RESULTS (MEASURED):

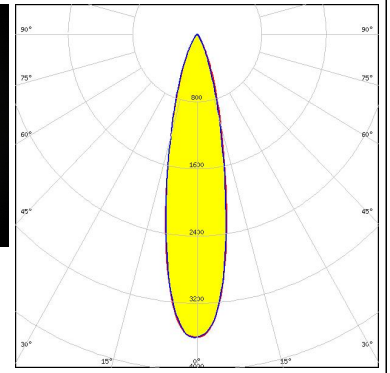
#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
Ordering code CP19037\_AMY-70-S-C2  
FWHM / FWTM 23.0° / 49.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour White  
Required components:



#### SAMSUNG

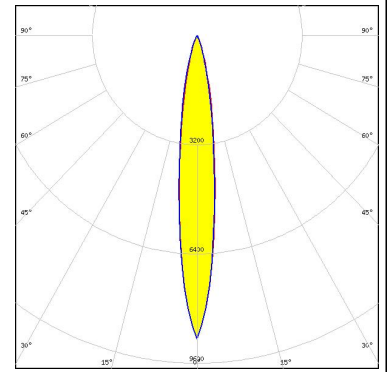
LED LC016D / LC019D / LC026D / LC033D  
Ordering code C17776\_AMY-70-S  
FWHM / FWTM 23.0° / 49.0°  
Efficiency 89 %  
LEDs/each optic 1  
Light colour White  
Required components:



### OPTICAL RESULTS (SIMULATED):

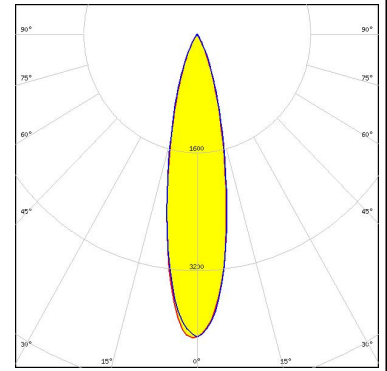
bridgelux

LED V10 Gen 8-9  
 Ordering code CP19052\_AMY-70-S-B2  
 FWHM / FWTM 14.0° / 33.0°  
 Efficiency 92 %  
 Peak intensity 8.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1020



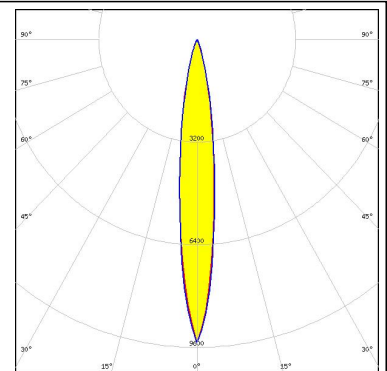
bridgelux

LED V13 Gen7  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 23.0° / 48.0°  
 Efficiency 92 %  
 Peak intensity 4.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



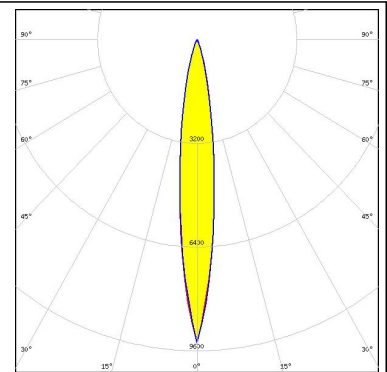
bridgelux

LED V8 Gen7  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 14.0° / 32.0°  
 Efficiency 91 %  
 Peak intensity 9.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15253\_HEKLA-SOCKET-A



bridgelux

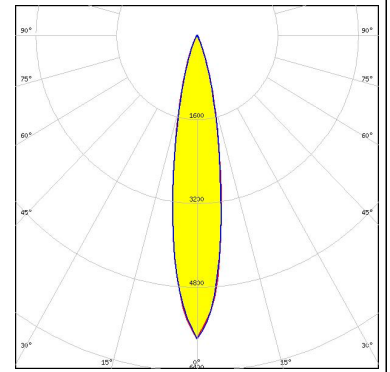
LED VERO10  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 14.0° / 32.0°  
 Efficiency 91 %  
 Peak intensity 9.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15616\_HEKLA-SOCKET-F



### OPTICAL RESULTS (SIMULATED):

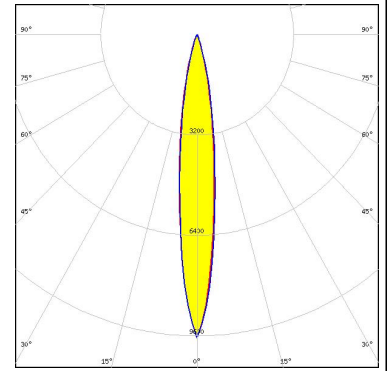
bridgelux

LED VERO13  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 18.0° / 40.0°  
 Efficiency 89 %  
 Peak intensity 5.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



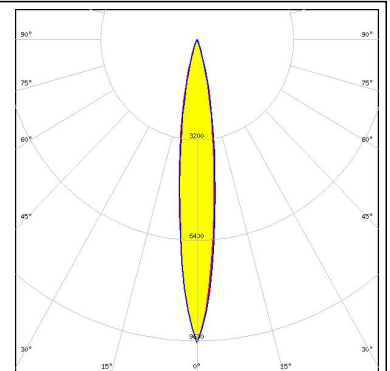
bridgelux

LED Vesta DTW 9mm (4W/6W/12W)  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 18.0° / 36.0°  
 Efficiency 87 %  
 Peak intensity 6.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F18158\_HEKLA-RZ-LENS  
 Bender Wirth: 652b Hekla



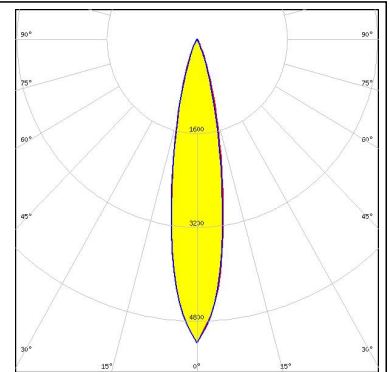
bridgelux

LED Vesta DTW 9mm (4W/6W/12W)  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 14.0° / 32.0°  
 Efficiency 91 %  
 Peak intensity 9.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 652b Hekla



bridgelux

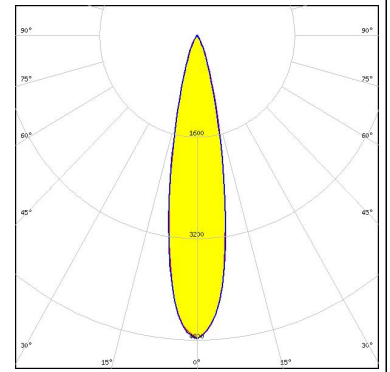
LED Vesta SE 13mm TW  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 20.0° / 41.0°  
 Efficiency 87 %  
 Peak intensity 5.2 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



### OPTICAL RESULTS (SIMULATED):

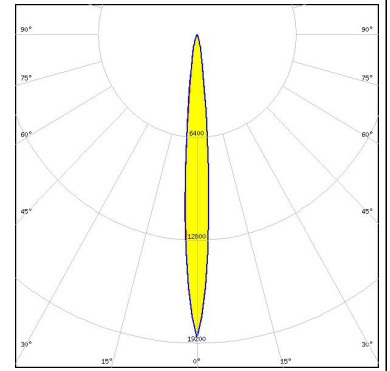
#### CITIZEN

LED CLL03x/CLU03x  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 22.0° / 42.0°  
 Efficiency 89 %  
 Peak intensity 4.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



#### CITIZEN

LED CLU700/701/702/703  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 93 %  
 Peak intensity 18.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



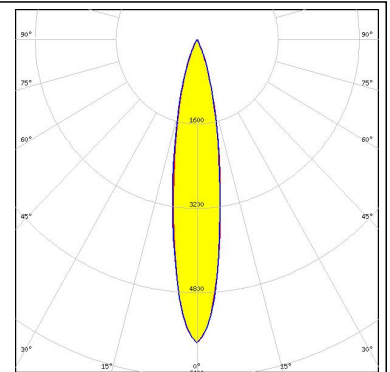
#### CITIZEN

LED CLU700/701/702/703  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 10.0° / 22.0°  
 Efficiency 92 %  
 Peak intensity 17.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



#### CREE LEDS

LED CMA1825  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 18.0° / 41.0°  
 Efficiency 90 %  
 Peak intensity 5.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15254\_HEKLA-SOCKET-B

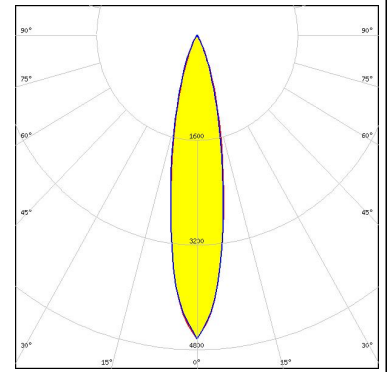




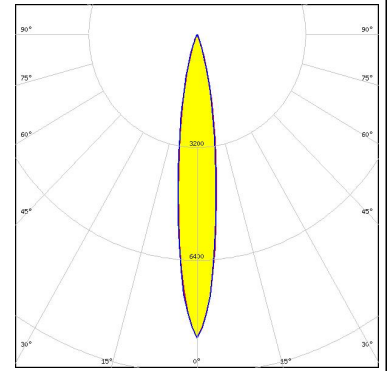
### OPTICAL RESULTS (SIMULATED):



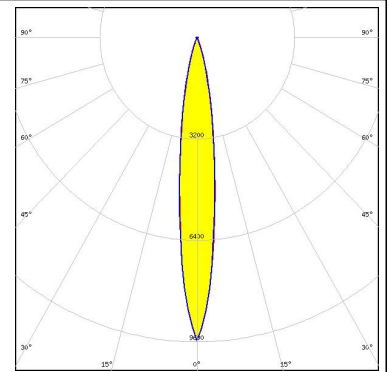
**LED** CMA1840  
**Ordering code** CP19037\_AMY-70-S-C2  
**FWHM / FWTM** 21.0° / 45.0°  
**Efficiency** 89 %  
**Peak intensity** 4.6 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 637a Hekla



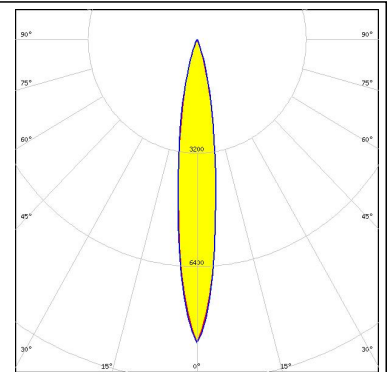
**LED** CMT14xx  
**Ordering code** CP19037\_AMY-70-S-C2  
**FWHM / FWTM** 15.0° / 34.0°  
**Efficiency** 91 %  
**Peak intensity** 8.6 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F17435\_HEKLA-G2-C



**LED** CMT14xx  
**Ordering code** C17776\_AMY-70-S  
**FWHM / FWTM** 14.0° / 32.0°  
**Efficiency** 96 %  
**Peak intensity** 9.6 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



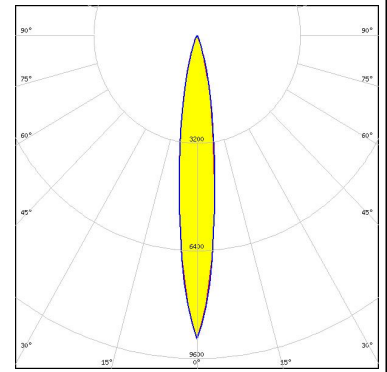
**LED** CMU10xx  
**Ordering code** CP19037\_AMY-70-S-C2  
**FWHM / FWTM** 14.0° / 34.0°  
**Efficiency** 91 %  
**Peak intensity** 8.6 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F17435\_HEKLA-G2-C



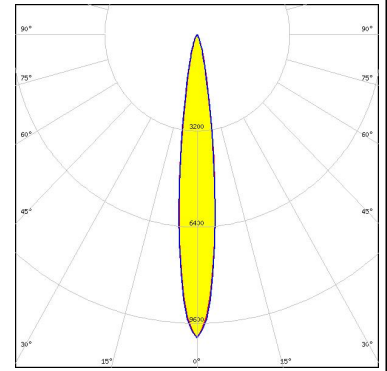
### OPTICAL RESULTS (SIMULATED):



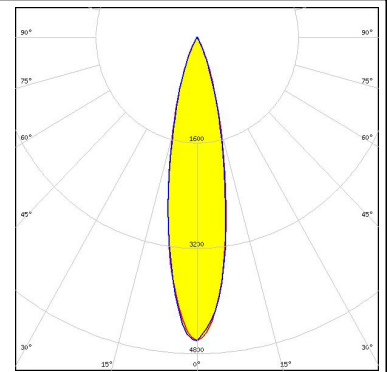
**LED** CMU10xx  
**Ordering code** CP19052\_AMY-70-S-B2  
**FWHM / FWTM** 14.0° / 34.0°  
**Efficiency** 92 %  
**Peak intensity** 9 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 BJB: 47.360.1020



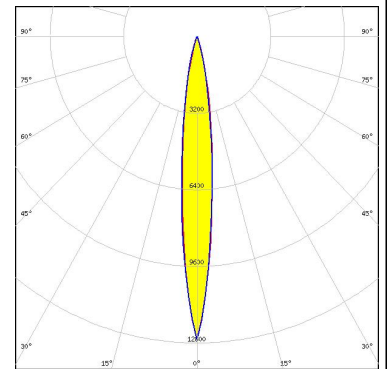
**LED** CXA/B 15xx  
**Ordering code** CP19037\_AMY-70-S-C2  
**FWHM / FWTM** 14.0° / 29.0°  
**Efficiency** 91 %  
**Peak intensity** 10.1 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F15256\_HEKLA-SOCKET-D



**LED** LUXEON CX Plus CoB L08 (Gen2)  
**Ordering code** CP19037\_AMY-70-S-C2  
**FWHM / FWTM** 22.0° / 46.0°  
**Efficiency** 93 %  
**Peak intensity** 4.6 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 637a Hekla



**LED** LUXEON CX Plus CoB - HD S02H6  
**Ordering code** CP19052\_AMY-70-S-B2  
**FWHM / FWTM** 12.0° / 29.0°  
**Efficiency** 94 %  
**Peak intensity** 12.7 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 634c Bayonet35L

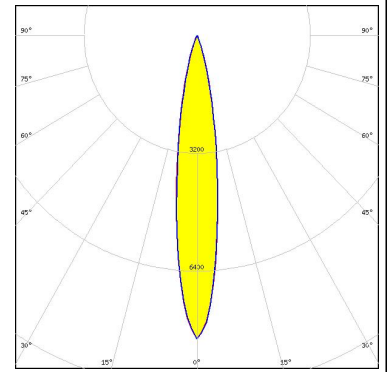




### OPTICAL RESULTS (SIMULATED):

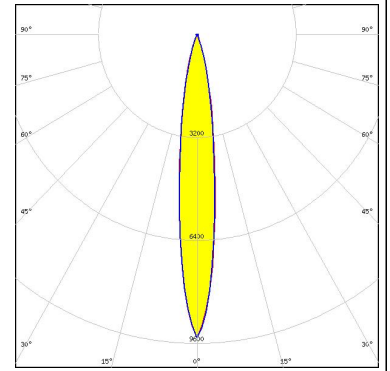
#### LUMILEDS

LED LUXEON CX Plus CoB - HD S04H9  
Ordering code CP19052\_AMY-70-S-B2  
FWHM / FWTM 16.0° / 34.0°  
Efficiency 94 %  
Peak intensity 8.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 634a Bayonet35L



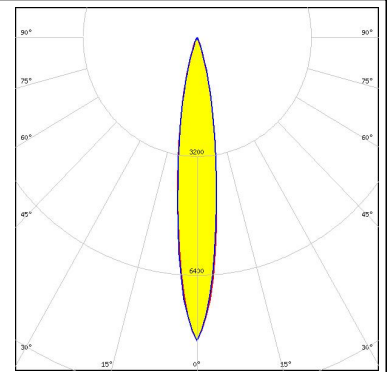
#### LUMILEDS

LED LUXEON CX Plus CoB - HD S04H9  
Ordering code C17776\_AMY-70-S  
FWHM / FWTM 14.0° / 32.0°  
Efficiency 96 %  
Peak intensity 9.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



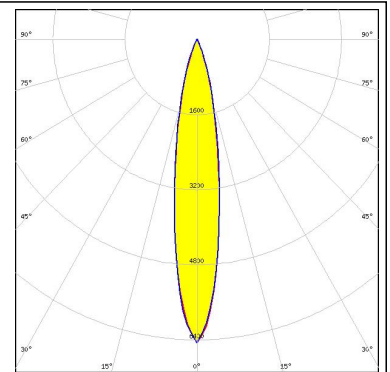
#### LUMILEDS

LED LUXEON CX Plus CoB - HD S04H9  
Ordering code CP19037\_AMY-70-S-C2  
FWHM / FWTM 16.0° / 34.0°  
Efficiency 91 %  
Peak intensity 8.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15255\_HEKLA-SOCKET-C



#### LUMILEDS

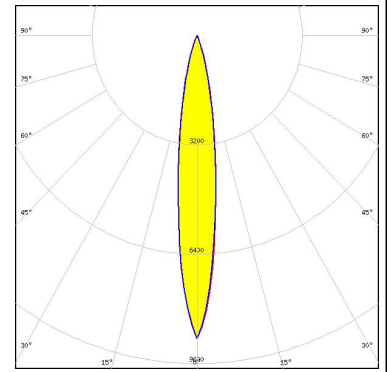
LED LUXEON CX Plus CoB L04 / L05 (Gen2)  
Ordering code CP19037\_AMY-70-S-C2  
FWHM / FWTM 18.0° / 39.0°  
Efficiency 93 %  
Peak intensity 6.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15254\_HEKLA-SOCKET-B



### OPTICAL RESULTS (SIMULATED):

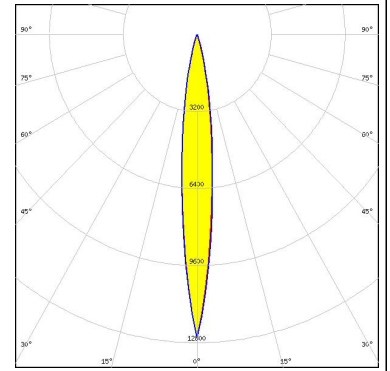
#### LUMILEDS

LED LUXEON CX Plus CoB M02 / M03 (Gen2)  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 15.0° / 34.0°  
 Efficiency 94 %  
 Peak intensity 8.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



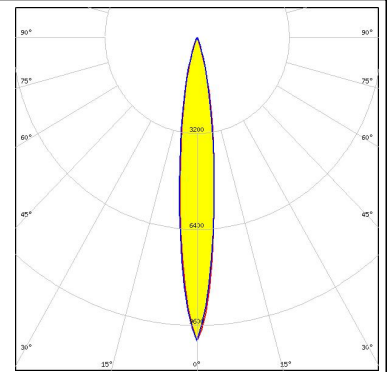
#### LUMILEDS

LED LUXEON CX Plus CoB S01 (Gen2)  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 12.0° / 29.0°  
 Efficiency 94 %  
 Peak intensity 12.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15956\_HEKLA-SOCKET-J



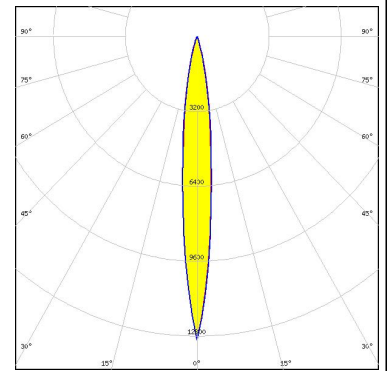
#### LUMINUS

LED CHM-9 XH (19x19)  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 14.0° / 32.0°  
 Efficiency 94 %  
 Peak intensity 10.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



#### LUMINUS

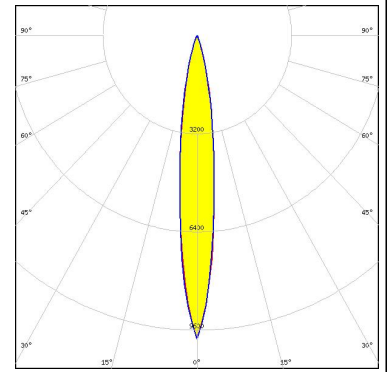
LED CTM-6 (Tunable White) Gen2  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 12.0° / 28.0°  
 Efficiency 94 %  
 Peak intensity 13 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 495 Typ L8



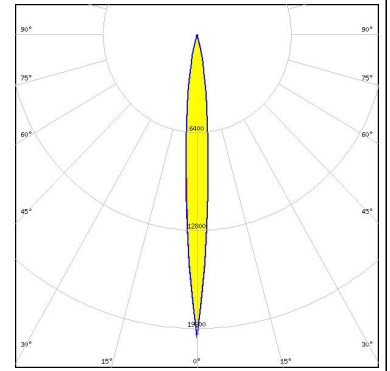
### OPTICAL RESULTS (SIMULATED):



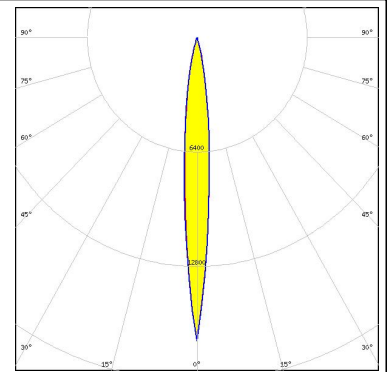
**LED** CTM-9 (Tunable White) Gen2  
**Ordering code** CP19037\_AMY-70-S-C2  
**FWHM / FWTM** 14.0° / 32.0°  
**Efficiency** 94 %  
**Peak intensity** 9.9 cd/lm  
**LEDs/each optic** 1  
**Light colour** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 495 Typ L8



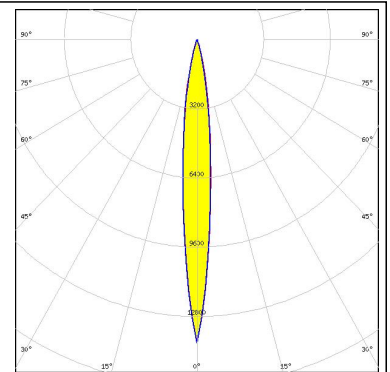
**LED** CXM-3  
**Ordering code** CP19052\_AMY-70-S-B2  
**FWHM / FWTM** 8.0° / 24.0°  
**Efficiency** 94 %  
**Peak intensity** 19.8 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 634a Bayonet35L



**LED** CXM-4  
**Ordering code** CP19052\_AMY-70-S-B2  
**FWHM / FWTM** 10.0° / 26.0°  
**Efficiency** 94 %  
**Peak intensity** 17 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 634a Bayonet35L



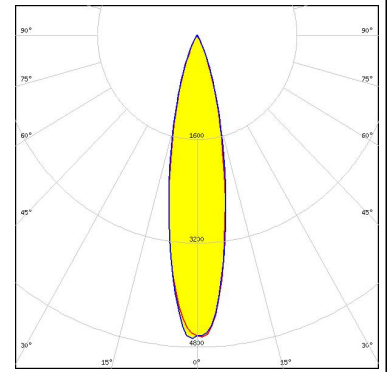
**LED** CxM-6 (13.5x13.5)  
**Ordering code** CP19052\_AMY-70-S-B2  
**FWHM / FWTM** 11.0° / 28.0°  
**Efficiency** 94 %  
**Peak intensity** 14 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 BJB: 47.360.1020



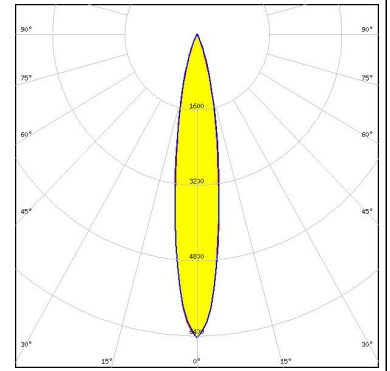
### OPTICAL RESULTS (SIMULATED):



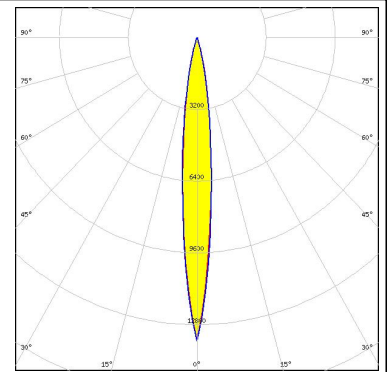
**LED** COB J-Type  
**Ordering code** CP19037\_AMY-70-S-C2  
**FWHM / FWTM** 22.0° / 45.0°  
**Efficiency** 93 %  
**Peak intensity** 4.7 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 663a Hekla XL



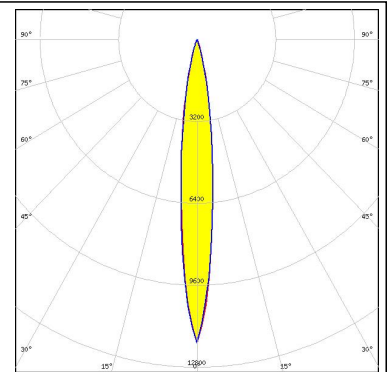
**LED** COB L-Type (LES 11)  
**Ordering code** CP19037\_AMY-70-S-C2  
**FWHM / FWTM** 18.0° / 38.0°  
**Efficiency** 90 %  
**Peak intensity** 6.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F17437\_HEKLA-G2-H



**LED** COB S-Type (LES 6)  
**Ordering code** CP19052\_AMY-70-S-B2  
**FWHM / FWTM** 12.0° / 28.0°  
**Efficiency** 94 %  
**Peak intensity** 13.5 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 652a Bayonet35L



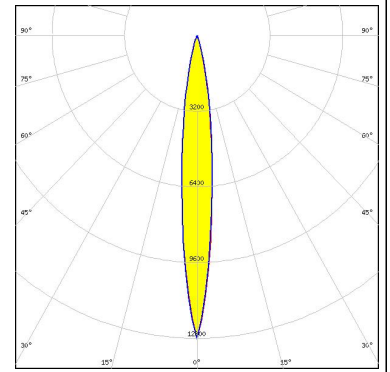
**LED** COB S-Type (LES 7)  
**Ordering code** CP19052\_AMY-70-S-B2  
**FWHM / FWTM** 12.0° / 30.0°  
**Efficiency** 94 %  
**Peak intensity** 11.9 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 652a Bayonet35L



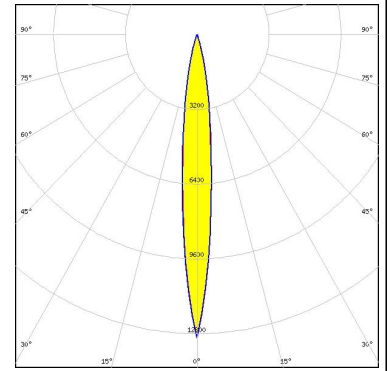
### OPTICAL RESULTS (SIMULATED):



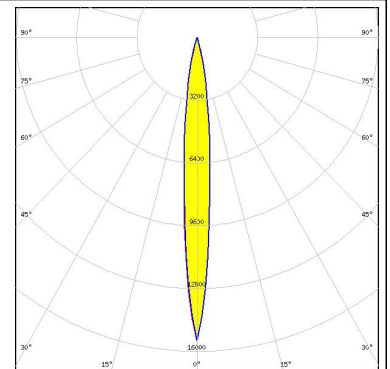
**LED** COB T-Type  
**Ordering code** CP19052\_AMY-70-S-B2  
**FWHM / FWTM** 12.0° / 28.0°  
**Efficiency** 94 %  
**Peak intensity** 12.8 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 652a Bayonet35L



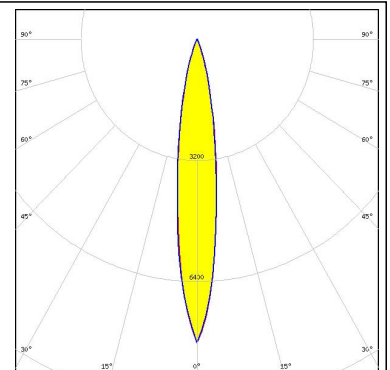
**LED** NJCWL024Z-V1MT: COB L-Type Tunable White  
**Ordering code** CP19037\_AMY-70-S-C2  
**FWHM / FWTM** 12.0° / 28.0°  
**Efficiency** 94 %  
**Peak intensity** 13 cd/lm  
**LEDs/each optic** 1  
**Light colour** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 497 Typ L8 HV



**LED** NJNWS012Z-V1MT: COB S-Type Tunable White  
**Ordering code** CP19037\_AMY-70-S-C2  
**FWHM / FWTM** 10.0° / 26.0°  
**Efficiency** 94 %  
**Peak intensity** 15.5 cd/lm  
**LEDs/each optic** 1  
**Light colour** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 495 Typ L8 HV



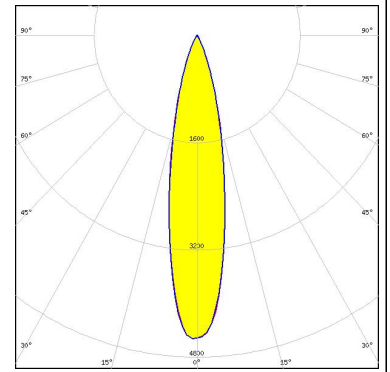
**LED** NVCWJ024Z-V1MT: COB J-Type Tunable White  
**Ordering code** CP19037\_AMY-70-S-C2  
**FWHM / FWTM** 16.0° / 36.0°  
**Efficiency** 94 %  
**Peak intensity** 8 cd/lm  
**LEDs/each optic** 1  
**Light colour** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 498 Typ L8 HV



### OPTICAL RESULTS (SIMULATED):

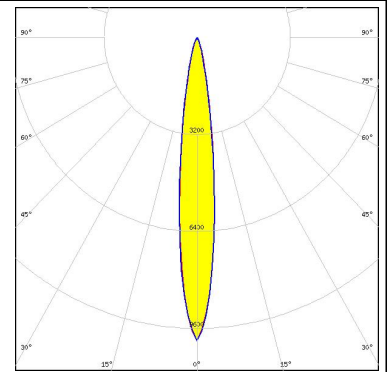
#### PHILIPS

LED Fortimo SLM L15 CoB  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 22.0° / 44.0°  
 Efficiency 90 %  
 Peak intensity 4.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 632a Hekla XL



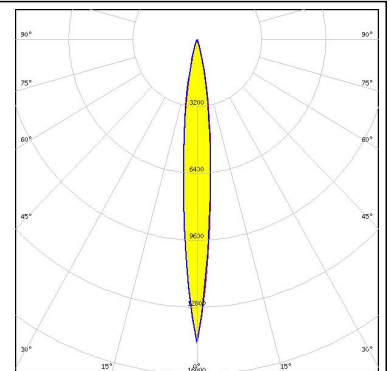
#### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 14.0° / 30.0°  
 Efficiency 92 %  
 Peak intensity 10 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



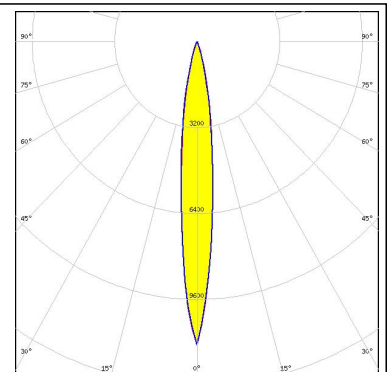
#### SAMSUNG

LED LC010C G2  
 Ordering code CP19052\_AMY-70-S-B2  
 FWHM / FWTM 10.0° / 28.0°  
 Efficiency 94 %  
 Peak intensity 14.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1020



#### SAMSUNG

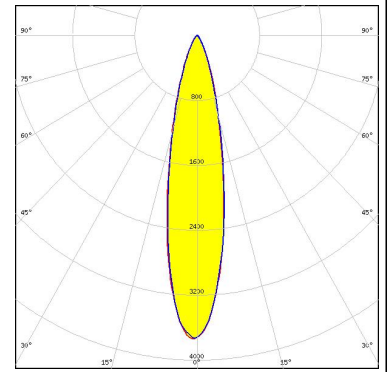
LED LC010T (Tunable White)  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 12.0° / 30.0°  
 Efficiency 94 %  
 Peak intensity 11.3 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 501 Typ L8



### OPTICAL RESULTS (SIMULATED):

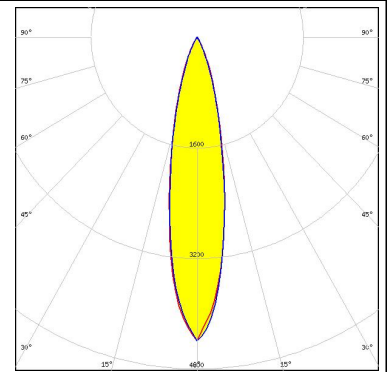
#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 22.0° / 44.0°  
 Efficiency 89 %  
 Peak intensity 4.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



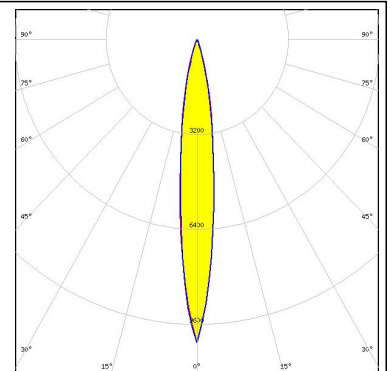
#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 Ordering code CP19052\_AMY-70-S-B2  
 FWHM / FWTM 22.0° / 46.0°  
 Efficiency 89 %  
 Peak intensity 4.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1010



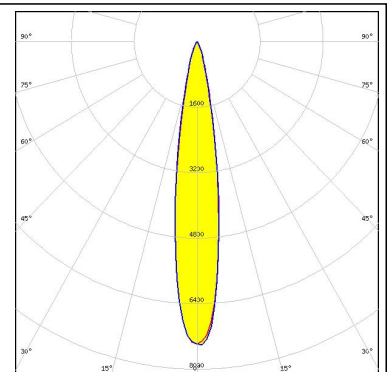
#### SAMSUNG

LED LC020C G2  
 Ordering code CP19052\_AMY-70-S-B2  
 FWHM / FWTM 14.0° / 32.0°  
 Efficiency 93 %  
 Peak intensity 10.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1010



#### SAMSUNG

LED LC020T (Tunable white)  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 16.0° / 34.0°  
 Efficiency 91 %  
 Peak intensity 7.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I

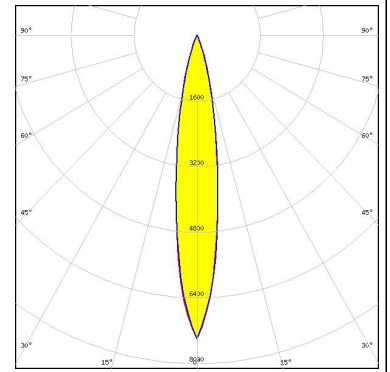




### OPTICAL RESULTS (SIMULATED):

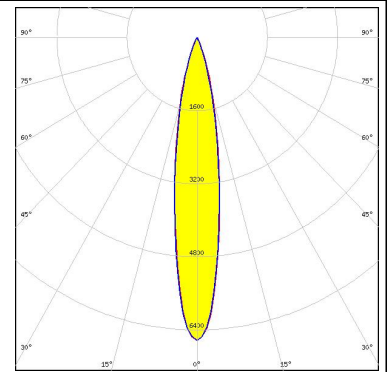
#### SAMSUNG

LED LC020T (Tunable white)  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 16.0° / 37.0°  
 Efficiency 94 %  
 Peak intensity 7.4 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 501 Typ L8



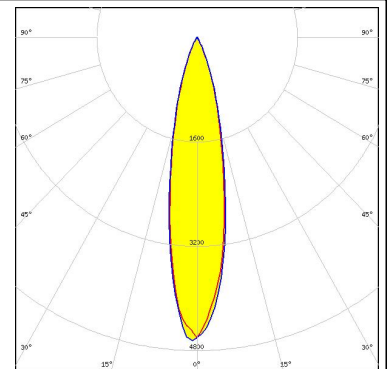
#### SAMSUNG

LED LC030C/040C G2  
 Ordering code CP19052\_AMY-70-S-B2  
 FWHM / FWTM 18.0° / 39.0°  
 Efficiency 93 %  
 Peak intensity 6.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1010



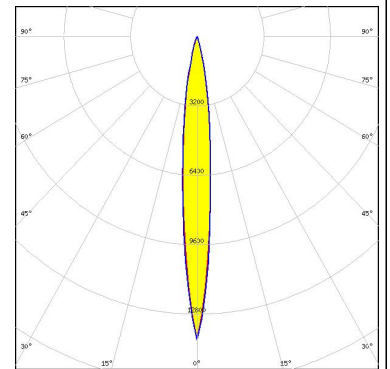
SEOUL SEMICONDUCTOR

LED MJT COB LES 14.5  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 22.0° / 46.0°  
 Efficiency 93 %  
 Peak intensity 4.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



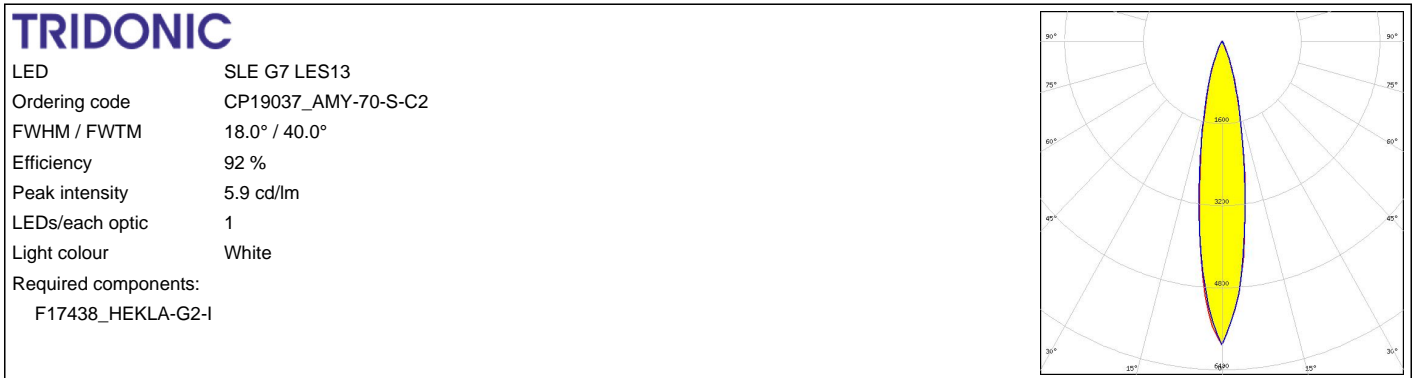
SEOUL SEMICONDUCTOR

LED MJT COB LES 6  
 Ordering code CP19037\_AMY-70-S-C2  
 FWHM / FWTM 11.0° / 27.0°  
 Efficiency 95 %  
 Peak intensity 14 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C





### 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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