

## AMY-70-W

~36° wide beam

### SPECIFICATION:

Dimensions	Ø 69.9 mm
Height	13 mm
Fastening	socket
ROHS compliant	yes ⓘ

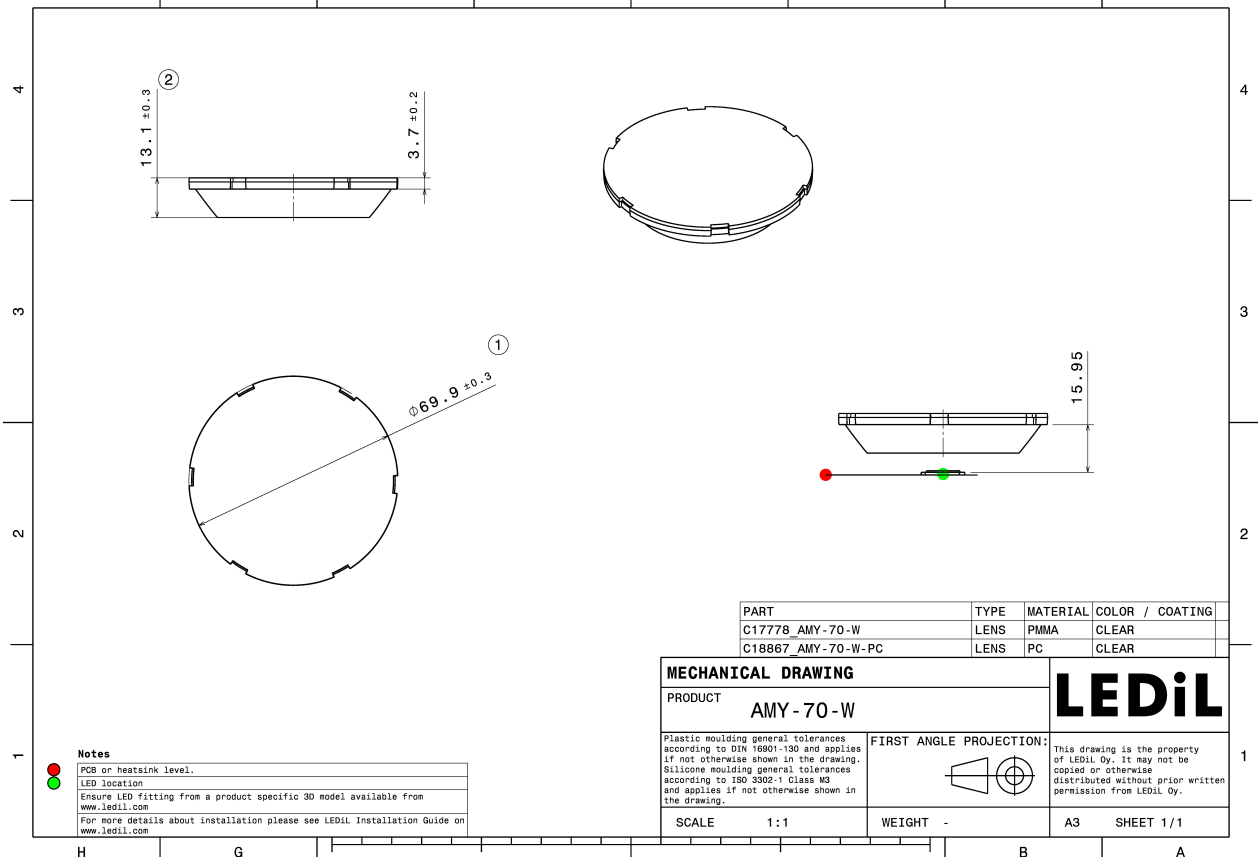
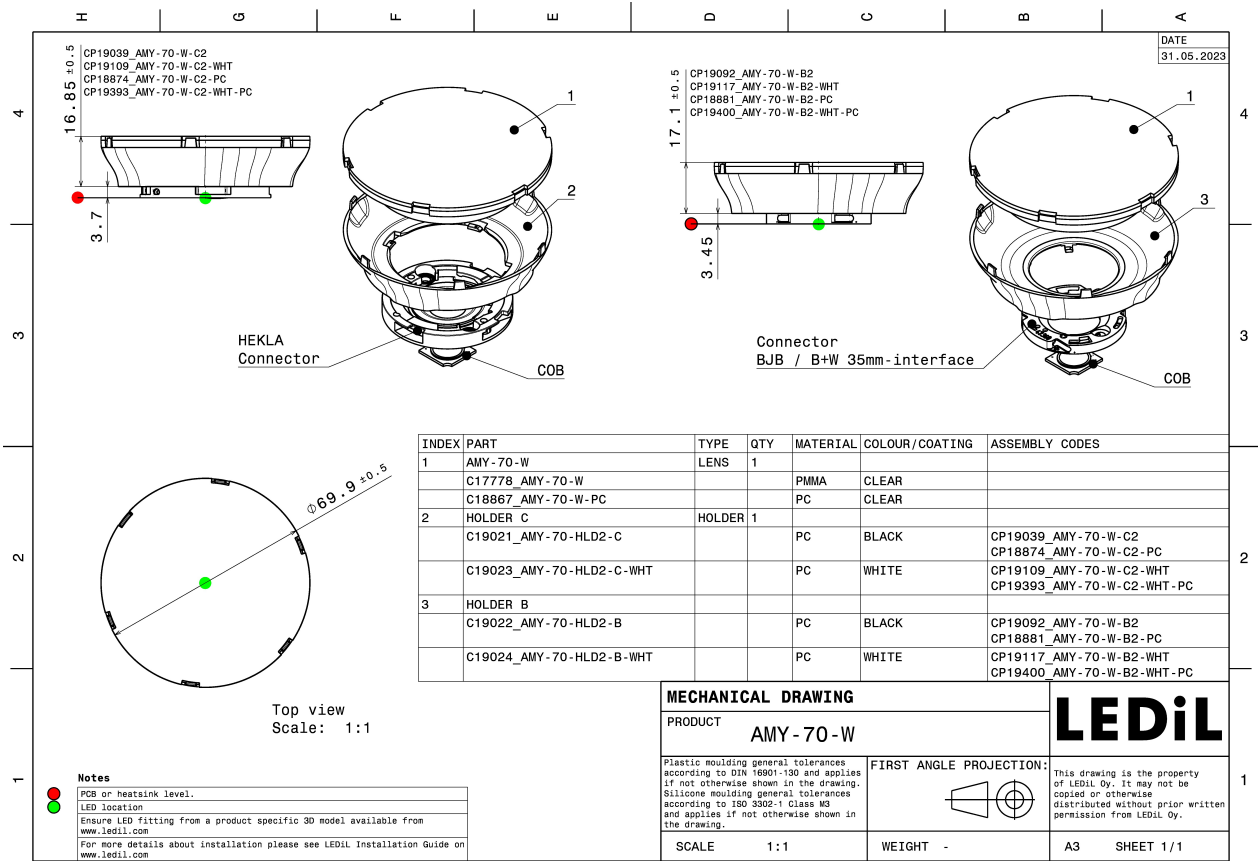
### MATERIALS:

Component	Type	Material	Colour	Finish
AMY-70-W	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)
C17778_AMY-70-W	285	285	15	9.0
<b>Assembly</b>				
CP19117_AMY-70-W-B2-WHT	210	210	15	8.5
CP19109_AMY-70-W-C2-WHT	210	210	15	8.2
CP19092_AMY-70-W-B2	210	210	15	8.5
CP19039_AMY-70-W-C2	210	210	15	8.2



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

### OPTICAL RESULTS (MEASURED):

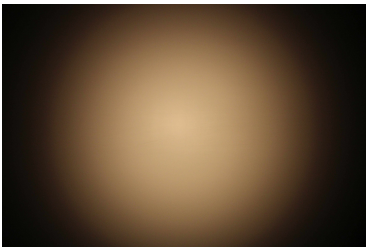
bridgelux.

LED V10 Gen 8-9  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 35.0° / 59.0°  
 Efficiency 90 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C




bridgelux.

LED V11 HD Gen 8  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 36.0° / 60.0°  
 Efficiency 88 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 633d Hekla




bridgelux.

LED V13 Gen 8-9  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 38.0° / 66.0°  
 Efficiency 87 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I




bridgelux.

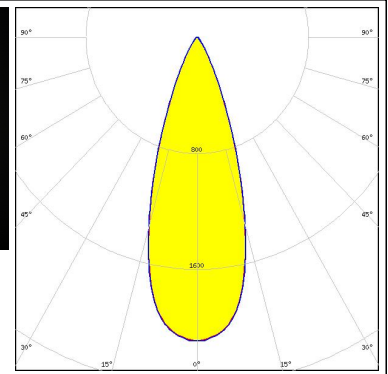
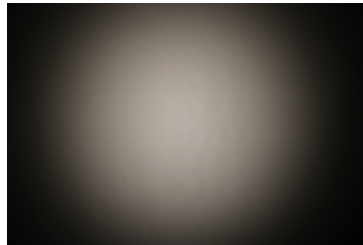
LED V8 Gen 8-9  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 34.0° / 58.0°  
 Efficiency 91 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15253\_HEKLA-SOCKET-A




### OPTICAL RESULTS (MEASURED):

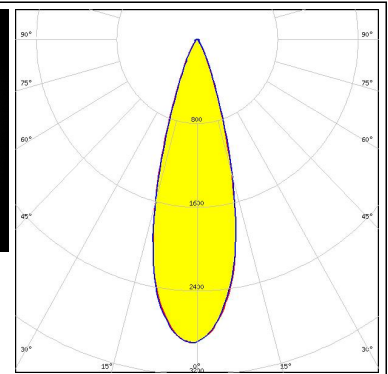
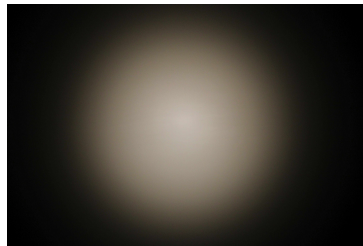
#### CITIZEN

LED CLL02x/CLU02x (LES10)  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 35.0° / 59.0°  
 Efficiency 88 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



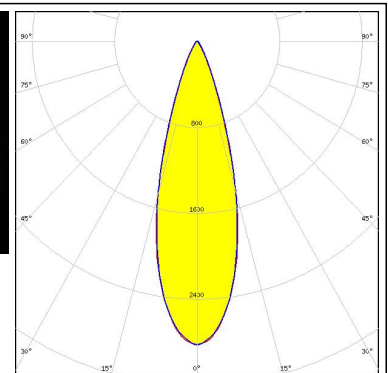
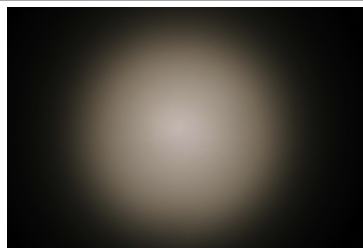
#### CITIZEN

LED CLU700/701/702/703  
 Ordering code CP19092\_AMY-70-W-B2  
 FWHM / FWTM 30.0° / 51.0°  
 Efficiency 91 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1020



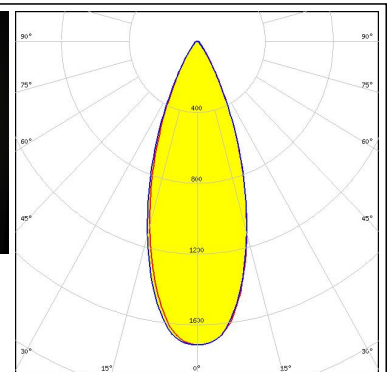
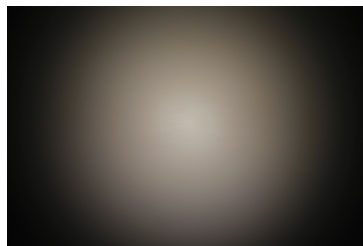
#### CITIZEN

LED CLU7S3  
 Ordering code CP19092\_AMY-70-W-B2  
 FWHM / FWTM 31.0° / 53.0°  
 Efficiency 92 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 667a Bayonet35



#### CREE<sup>®</sup> LEDs

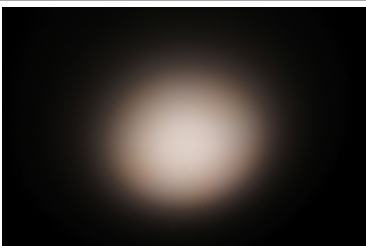
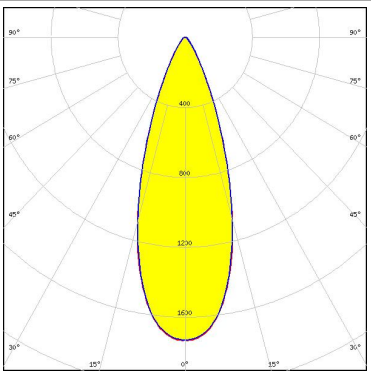
LED CMU15xx  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 38.0° / 66.0°  
 Efficiency 86 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



### OPTICAL RESULTS (MEASURED):

			
LED	LUXEON Fusion 12-up (20x24)		
Ordering code	CP19039_AMY-70-W-C2		
FWHM / FWTM	33.0° / 58.0°		
Efficiency	82 %		
LEDs/each optic	1		
Light colour	White		
Required components:			
	C16142_HEKLA-SOCKET-K		
	F18158_HEKLA-RZ-LENS		
	Bender Wirth: 442 Typ L8		

			
LED	LUXEON Fusion 21-up (20x24)		
Ordering code	CP19039_AMY-70-W-C2		
FWHM / FWTM	33.0° / 59.0°		
Efficiency	81 %		
LEDs/each optic	1		
Light colour	White		
Required components:			
	C16142_HEKLA-SOCKET-K		
	F18158_HEKLA-RZ-LENS		
	Bender Wirth: 442 Typ L8		

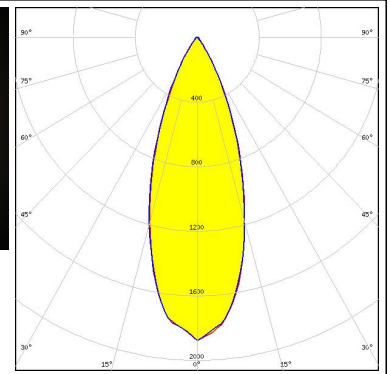
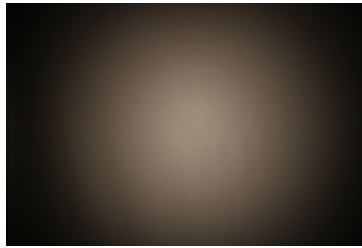
			
LED	LUXEON Fusion 27-up (20x24)		
Ordering code	CP19039_AMY-70-W-C2		
FWHM / FWTM	36.0° / 63.0°		
Efficiency	81 %		
LEDs/each optic	1		
Light colour	White		
Required components:			
	C16142_HEKLA-SOCKET-K		
	F18158_HEKLA-RZ-LENS		
	Bender Wirth: 442 Typ L8		

			
LED	CTM-14 (Tunable White) Gen2		
Ordering code	CP19039_AMY-70-W-C2		
FWHM / FWTM	38.0° / 64.0°		
Efficiency	87 %		
LEDs/each optic	1		
Light colour	White		
Required components:			
	C16142_HEKLA-SOCKET-K		
	Bender Wirth: 442 Typ L8		

### OPTICAL RESULTS (MEASURED):

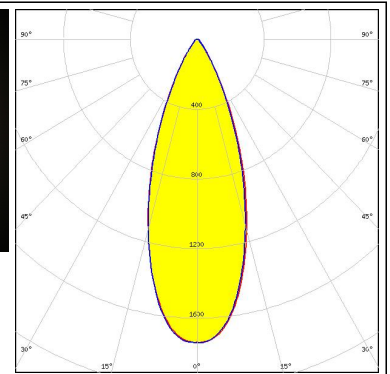
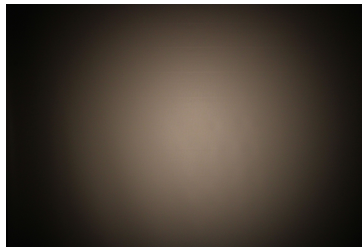
#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
Ordering code CP19039\_AMY-70-W-C2  
FWHM / FWTM 38.0° / 66.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour White  
Required components:  
F15859\_HEKLA-SOCKET-I

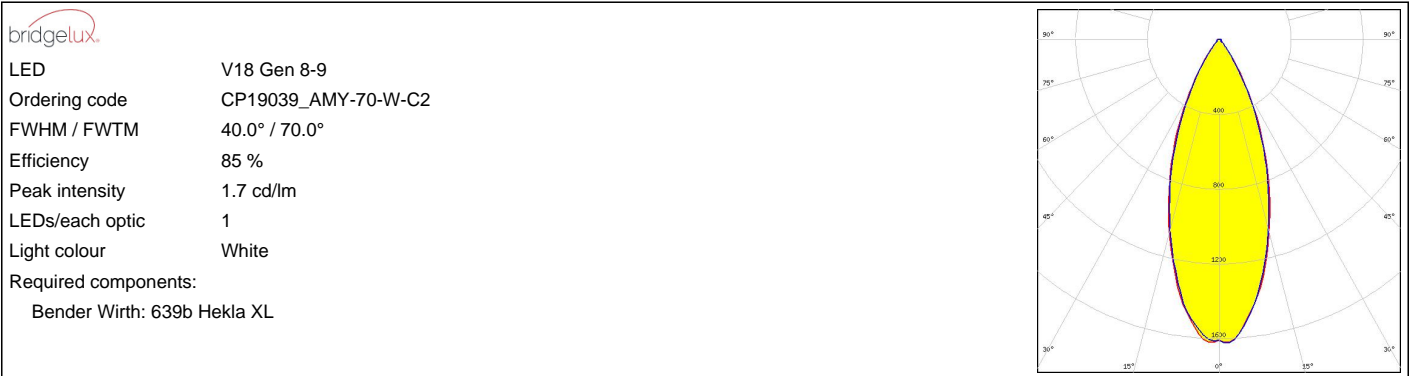


#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
Ordering code C17778\_AMY-70-W  
FWHM / FWTM 38.0° / 66.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour White  
Required components:



### OPTICAL RESULTS (SIMULATED):

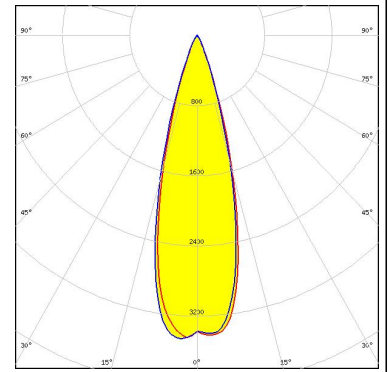




### OPTICAL RESULTS (SIMULATED):

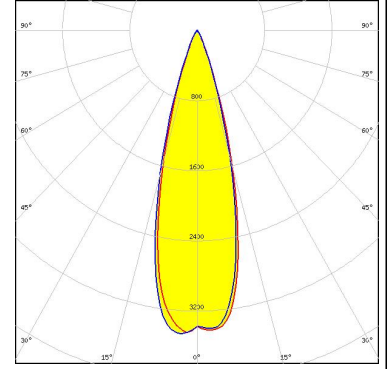
bridgelux

LED V6 Gen 8-9  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 29.0° / 46.0°  
 Efficiency 93 %  
 Peak intensity 3.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15253\_HEKLA-SOCKET-A



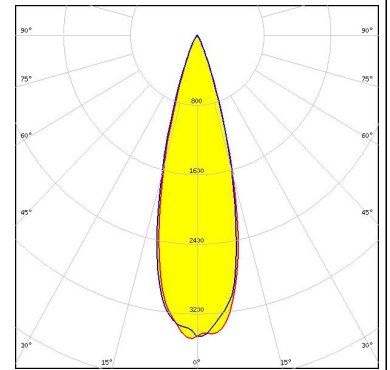
bridgelux

LED V6 Gen 8-9  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 29.0° / 46.0°  
 Efficiency 96 %  
 Peak intensity 3.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15253\_HEKLA-SOCKET-A



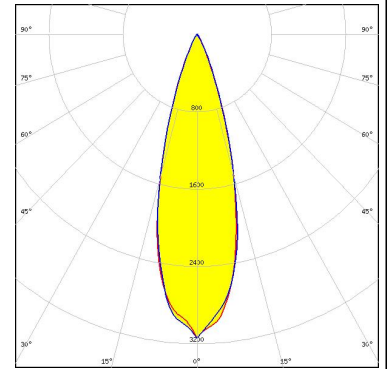
bridgelux

LED V6 HD Gen 8  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 29.0° / 46.0°  
 Efficiency 92 %  
 Peak intensity 3.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C

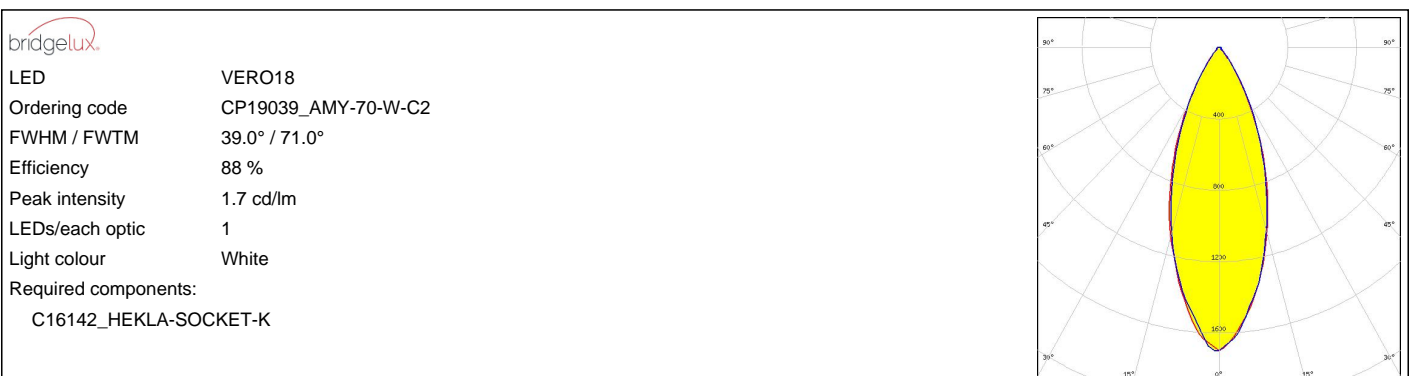
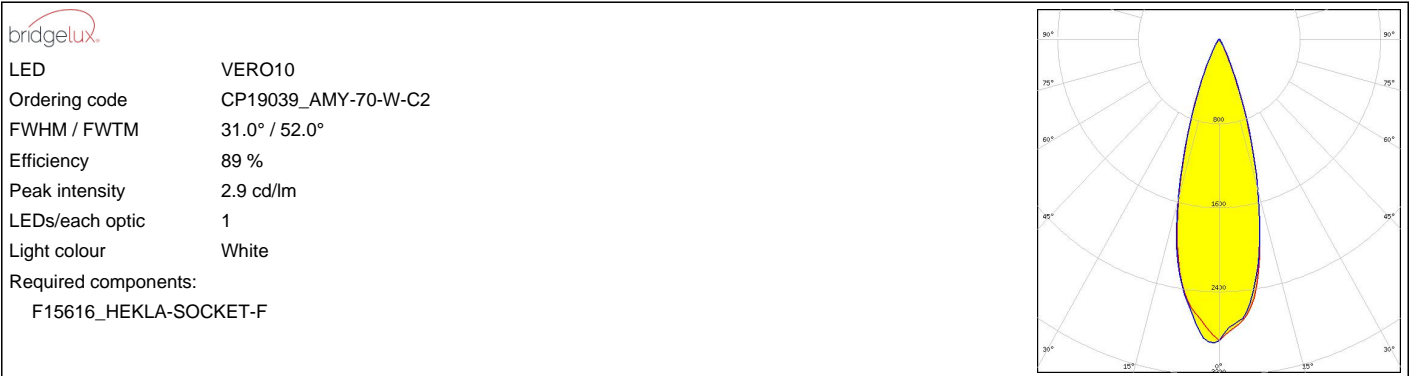


bridgelux

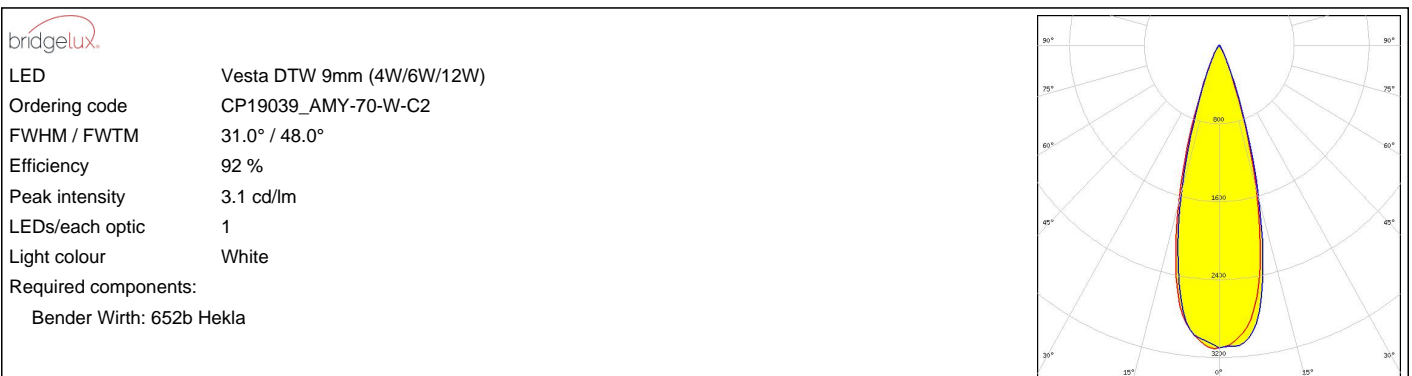
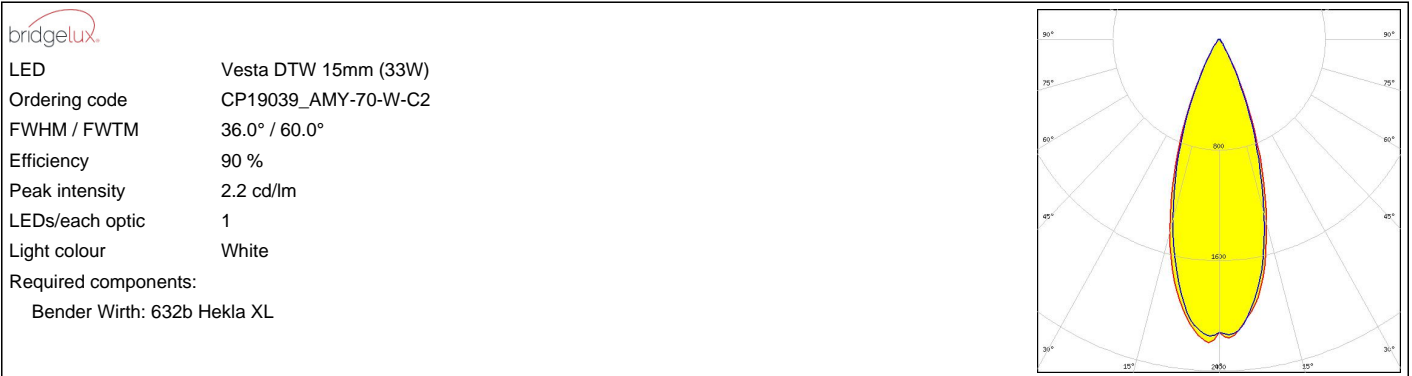
LED V8 Gen7  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 30.0° / 50.0°  
 Efficiency 90 %  
 Peak intensity 3.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15253\_HEKLA-SOCKET-A



### OPTICAL RESULTS (SIMULATED):



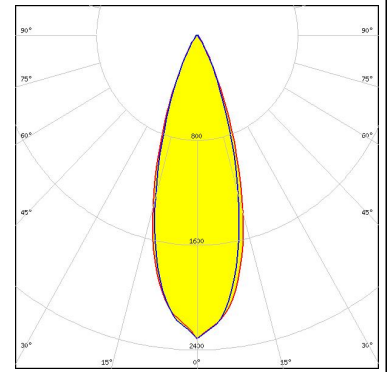
### OPTICAL RESULTS (SIMULATED):



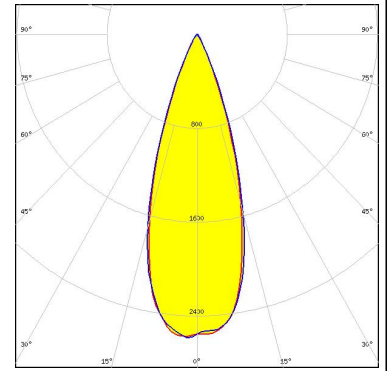
### OPTICAL RESULTS (SIMULATED):



**LED** Vesta SE 13mm TW  
**Ordering code** CP19039\_AMY-70-W-C2  
**FWHM / FWTM** 33.0° / 57.0°  
**Efficiency** 86 %  
**Peak intensity** 2.3 cd/lm  
**LEDs/each optic** 1  
**Light colour** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K

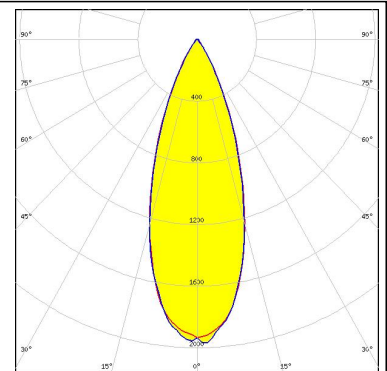


**LED** Vesta TW 9mm (9W) DP  
**Ordering code** CP19039\_AMY-70-W-C2  
**FWHM / FWTM** 35.0° / 54.0°  
**Efficiency** 92 %  
**Peak intensity** 2.7 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 489 Typ L8



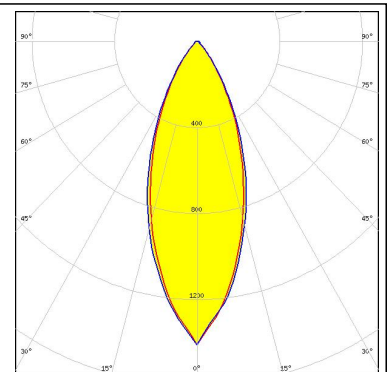
### CITIZEN

**LED** CLL03x/CLU03x  
**Ordering code** CP19039\_AMY-70-W-C2  
**FWHM / FWTM** 36.0° / 64.0°  
**Efficiency** 87 %  
**Peak intensity** 2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F15859\_HEKLA-SOCKET-I



### CITIZEN

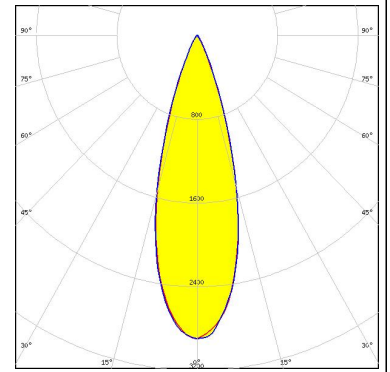
**LED** CLL04x/CLU04x  
**Ordering code** CP19039\_AMY-70-W-C2  
**FWHM / FWTM** 39.0° / 75.0°  
**Efficiency** 79 %  
**Peak intensity** 1.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 631a Hekla XL



### OPTICAL RESULTS (SIMULATED):

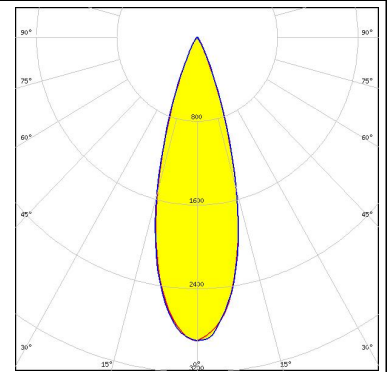
#### CITIZEN

LED CLU700/701/702/703  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 31.0° / 50.0°  
 Efficiency 91 %  
 Peak intensity 3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



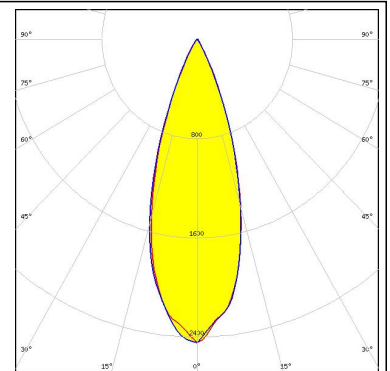
#### CITIZEN

LED CLU700/701/702/703  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 31.0° / 52.0°  
 Efficiency 90 %  
 Peak intensity 2.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



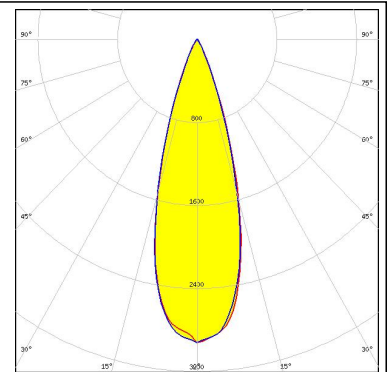
#### CREE LEDs

LED CMA1825  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 35.0° / 56.0°  
 Efficiency 89 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15254\_HEKLA-SOCKET-B



#### CREE LEDs

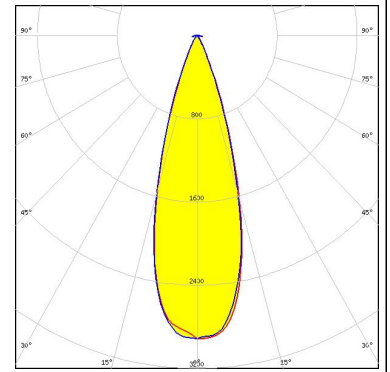
LED CMT14xx  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 31.0° / 50.0°  
 Efficiency 89 %  
 Peak intensity 2.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



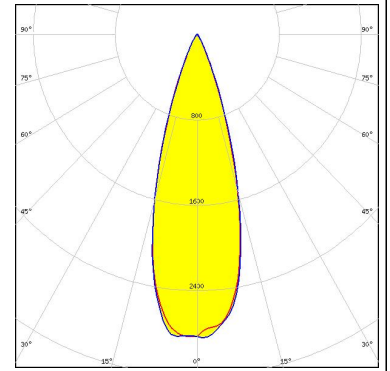
### OPTICAL RESULTS (SIMULATED):



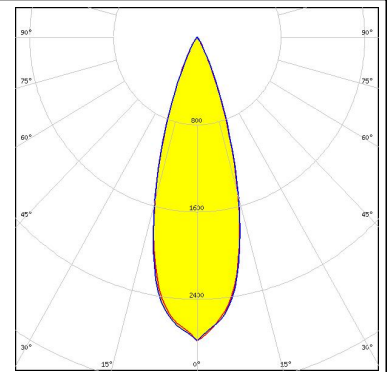
LED CMT14xx  
 Ordering code C17778\_AMY-70-W  
 FWHM / FWTM 32.0° / 50.0°  
 Efficiency 95 %  
 Peak intensity 2.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



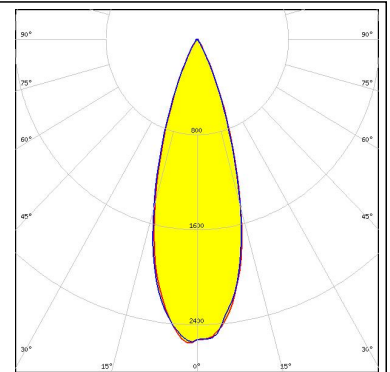
LED CMU10xx  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 32.0° / 50.0°  
 Efficiency 90 %  
 Peak intensity 2.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



LED CMU10xx  
 Ordering code CP19092\_AMY-70-W-B2  
 FWHM / FWTM 32.0° / 54.0°  
 Efficiency 91 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1020



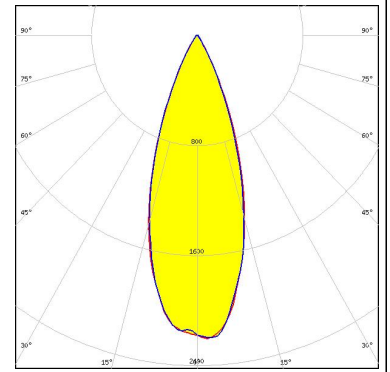
LED CXA/B 15xx  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 33.0° / 55.0°  
 Efficiency 88 %  
 Peak intensity 2.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



### OPTICAL RESULTS (SIMULATED):

#### LUMILEDS

LED LUXEON CX Plus CoB L08 (Gen2)  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 36.0° / 60.0°  
 Efficiency 92 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 637a Hekla

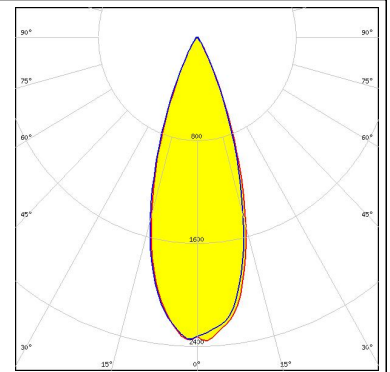


#### LUMILEDS

LED LUXEON CoB 1202/1203  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 32.0° / 50.0°  
 Efficiency 91 %  
 Peak intensity 3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15858\_HEKLA-SOCKET-H

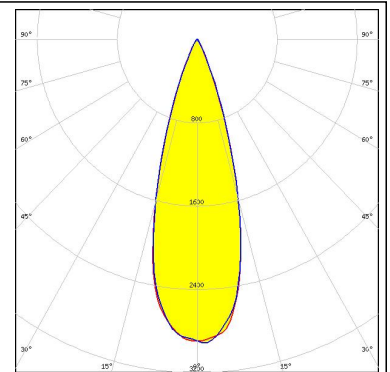
#### LUMILEDS

LED LUXEON CoB 1204/1205  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 35.0° / 57.0°  
 Efficiency 91 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 632a Hekla XL



#### LUMILEDS

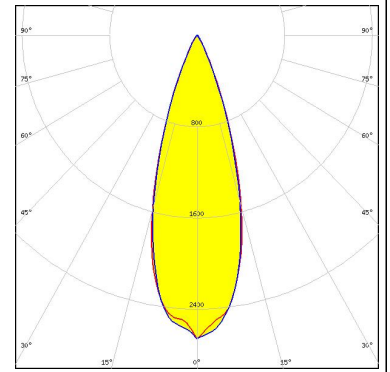
LED LUXEON CoB 1204HD  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 32.0° / 50.0°  
 Efficiency 91 %  
 Peak intensity 3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15858\_HEKLA-SOCKET-H



### OPTICAL RESULTS (SIMULATED):

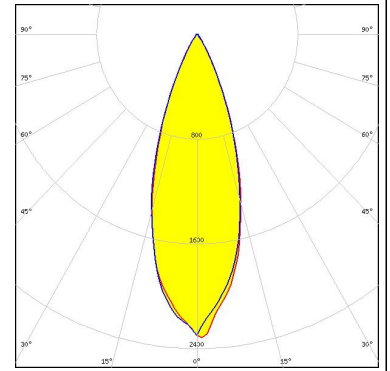
#### LUMILEDS

LED LUXEON CoB 1205HD  
Ordering code CP19039\_AMY-70-W-C2  
FWHM / FWTM 33.0° / 54.0°  
Efficiency 91 %  
Peak intensity 2.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15858\_HEKLA-SOCKET-H



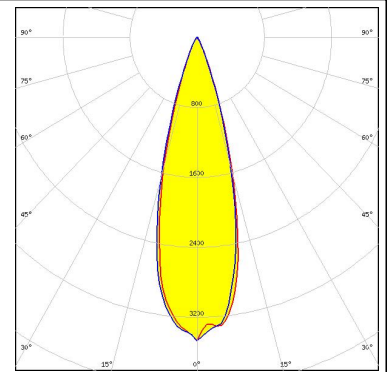
#### LUMILEDS

LED LUXEON CoB 1208  
Ordering code CP19039\_AMY-70-W-C2  
FWHM / FWTM 35.0° / 59.0°  
Efficiency 90 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 632a Hekla XL



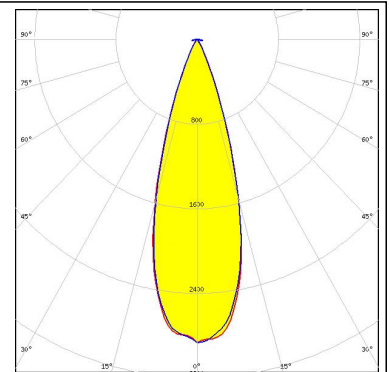
#### LUMILEDS

LED LUXEON CX Plus CoB - HD S02H6  
Ordering code CP19092\_AMY-70-W-B2  
FWHM / FWTM 29.0° / 47.0°  
Efficiency 93 %  
Peak intensity 3.5 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 C17778\_AMY-70-W  
FWHM / FWTM 32.0° / 50.0°  
Efficiency 95 %  
Peak intensity 2.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

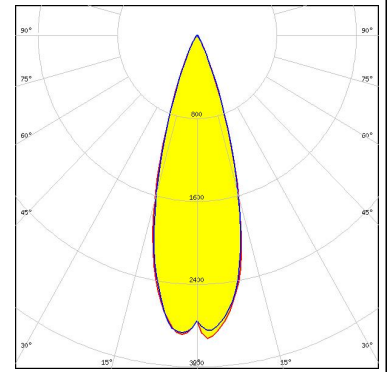




### OPTICAL RESULTS (SIMULATED):

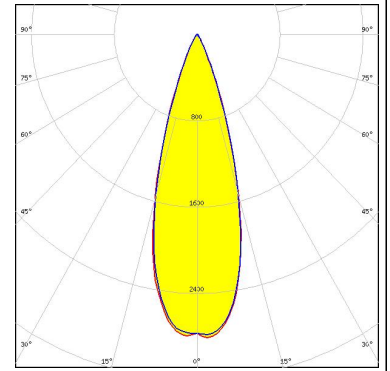
#### LUMILEDS

LED LUXEON CX Plus CoB - HD S04H9  
 Ordering code CP19092\_AMY-70-W-B2  
 FWHM / FWTM 32.0° / 50.0°  
 Efficiency 92 %  
 Peak intensity 3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 634a Bayonet35L



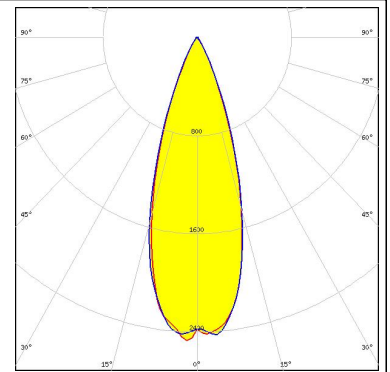
#### LUMILEDS

LED LUXEON CX Plus CoB - HD S04H9  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 32.0° / 51.0°  
 Efficiency 89 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



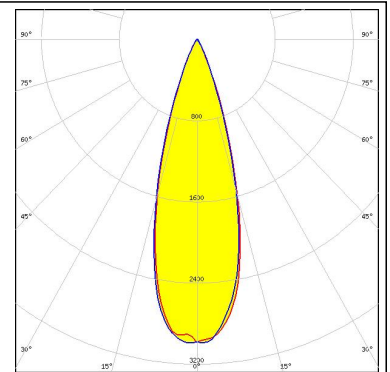
#### LUMILEDS

LED LUXEON CX Plus CoB L04 / L05 (Gen2)  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 35.0° / 56.0°  
 Efficiency 92 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15254\_HEKLA-SOCKET-B



#### LUMILEDS

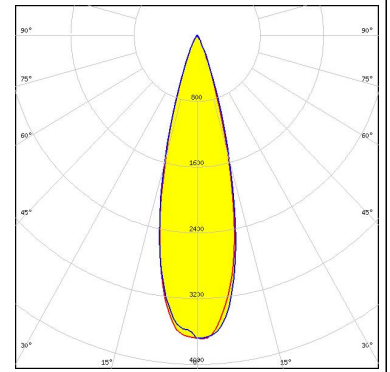
LED LUXEON CX Plus CoB M02 / M03 (Gen2)  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 31.0° / 50.0°  
 Efficiency 92 %  
 Peak intensity 3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



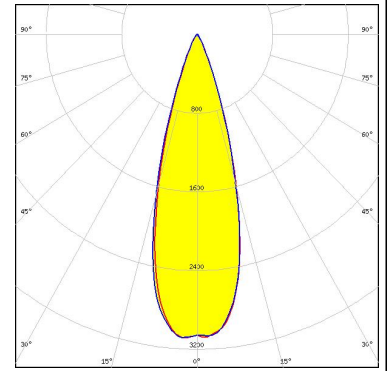
### OPTICAL RESULTS (SIMULATED):



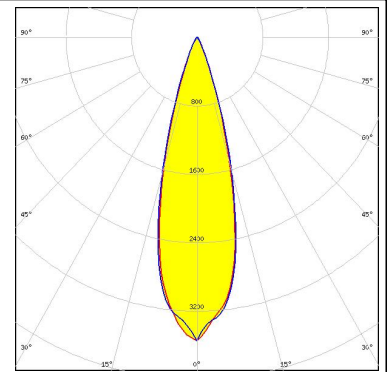
**LED** LUXEON CX Plus CoB S01 (Gen2)  
**Ordering code** CP19039\_AMY-70-W-C2  
**FWHM / FWTM** 28.0° / 46.0°  
**Efficiency** 93 %  
**Peak intensity** 3.7 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F15956\_HEKLA-SOCKET-J



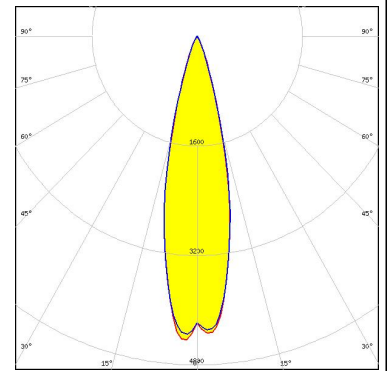
**LED** CHM-9 XH (19x19)  
**Ordering code** CP19039\_AMY-70-W-C2  
**FWHM / FWTM** 31.0° / 50.0°  
**Efficiency** 93 %  
**Peak intensity** 3.2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F15859\_HEKLA-SOCKET-I



**LED** CTM-6 (Tunable White) Gen2  
**Ordering code** CP19039\_AMY-70-W-C2  
**FWHM / FWTM** 28.0° / 46.0°  
**Efficiency** 93 %  
**Peak intensity** 3.5 cd/lm  
**LEDs/each optic** 1  
**Light colour** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 495 Typ L8



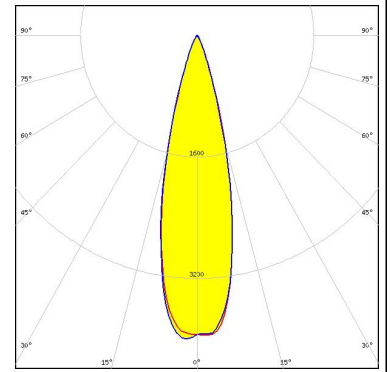
**LED** CXM-3  
**Ordering code** CP19092\_AMY-70-W-B2  
**FWHM / FWTM** 25.0° / 42.0°  
**Efficiency** 93 %  
**Peak intensity** 4.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 634a Bayonet35L



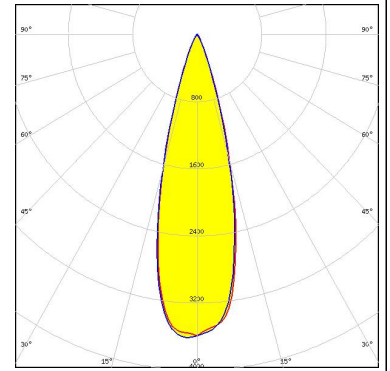
### OPTICAL RESULTS (SIMULATED):



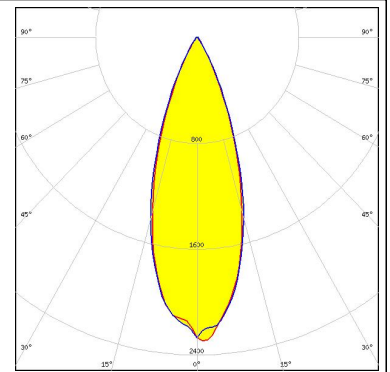
**LED** CXM-4  
**Ordering code** CP19092\_AMY-70-W-B2  
**FWHM / FWTM** 26.0° / 44.0°  
**Efficiency** 93 %  
**Peak intensity** 4.1 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 634a Bayonet35L



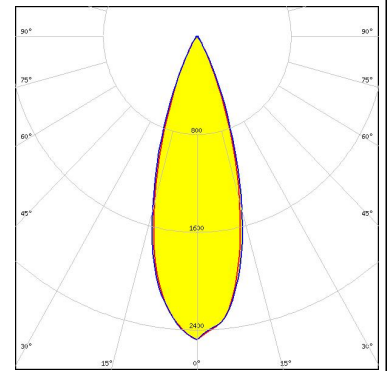
**LED** CxM-6 (13.5x13.5)  
**Ordering code** CP19092\_AMY-70-W-B2  
**FWHM / FWTM** 28.0° / 46.0°  
**Efficiency** 93 %  
**Peak intensity** 3.7 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 BJB: 47.360.1020



**LED** COB J-Type  
**Ordering code** CP19039\_AMY-70-W-C2  
**FWHM / FWTM** 35.0° / 59.0°  
**Efficiency** 92 %  
**Peak intensity** 2.3 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 663a Hekla XL



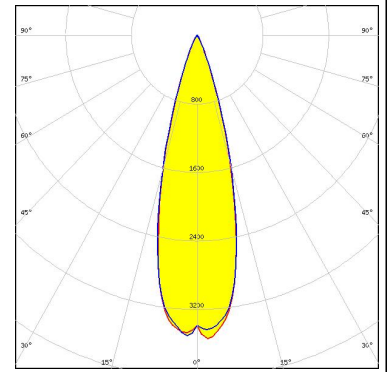
**LED** COB L-Type (LES 11)  
**Ordering code** CP19039\_AMY-70-W-C2  
**FWHM / FWTM** 33.0° / 56.0°  
**Efficiency** 89 %  
**Peak intensity** 2.5 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F17437\_HEKLA-G2-H



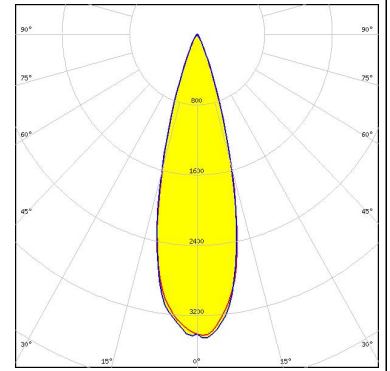
### OPTICAL RESULTS (SIMULATED):



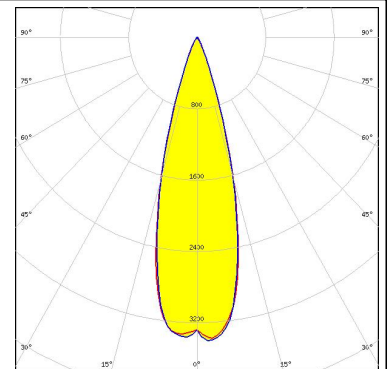
LED COB S-Type (LES 6)  
Ordering code CP19092\_ AMY-70-W-B2  
FWHM / FWTM 28.0° / 46.0°  
Efficiency 93 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 652a Bayonet35L



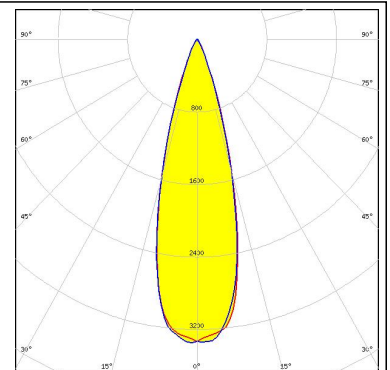
LED COB S-Type (LES 7)  
Ordering code CP19092\_ AMY-70-W-B2  
FWHM / FWTM 29.0° / 47.0°  
Efficiency 92 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 652a Bayonet35L



LED COB T-Type  
Ordering code CP19092\_ AMY-70-W-B2  
FWHM / FWTM 30.0° / 46.0°  
Efficiency 92 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 652a Bayonet35L



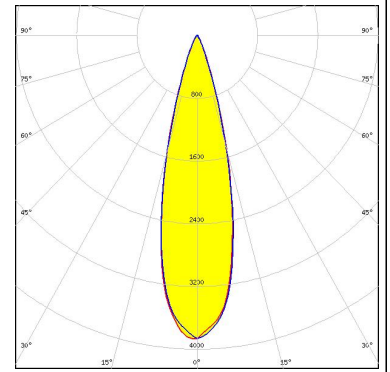
LED NJCWL024Z-V1MT: COB L-Type Tunable White  
Ordering code CP19039\_ AMY-70-W-C2  
FWHM / FWTM 29.0° / 48.0°  
Efficiency 93 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 497 Typ L8 HV



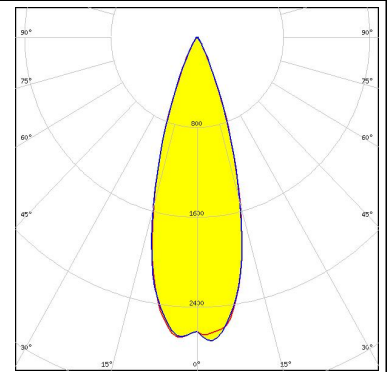
### OPTICAL RESULTS (SIMULATED):



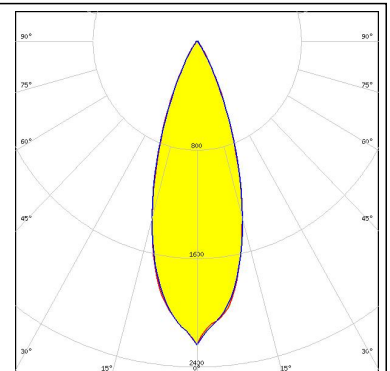
**LED** NJNWS012Z-V1MT: COB S-Type Tunable White  
**Ordering code** CP19039\_AMY-70-W-C2  
**FWHM / FWTM** 26.0° / 44.0°  
**Efficiency** 93 %  
**Peak intensity** 3.9 cd/lm  
**LEDs/each optic** 1  
**Light colour** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 495 Typ L8 HV



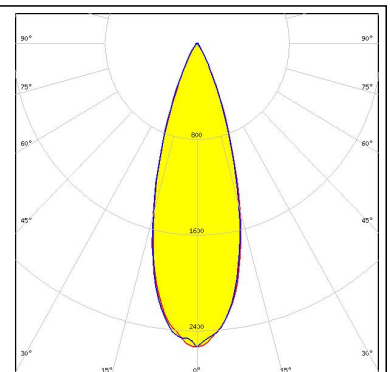
**LED** NVCWJ024Z-V1MT: COB J-Type Tunable White  
**Ordering code** CP19039\_AMY-70-W-C2  
**FWHM / FWTM** 32.0° / 54.0°  
**Efficiency** 92 %  
**Peak intensity** 2.8 cd/lm  
**LEDs/each optic** 1  
**Light colour** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 498 Typ L8 HV



**LED** Fortimo SLM L15 CoB  
**Ordering code** CP19039\_AMY-70-W-C2  
**FWHM / FWTM** 34.0° / 60.0°  
**Efficiency** 89 %  
**Peak intensity** 2.2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 632a Hekla XL



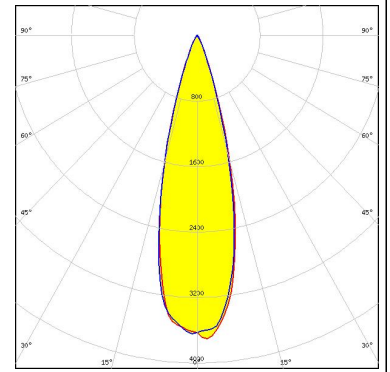
**LED** LC003D / LC006D / LC009D / LC013D  
**Ordering code** CP19039\_AMY-70-W-C2  
**FWHM / FWTM** 33.0° / 56.0°  
**Efficiency** 90 %  
**Peak intensity** 2.6 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F15255\_HEKLA-SOCKET-C



### OPTICAL RESULTS (SIMULATED):

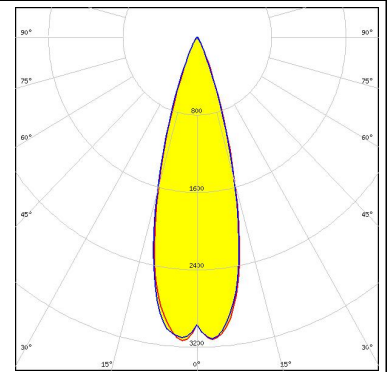
#### SAMSUNG

LED LC010C G2  
Ordering code CP19092\_AMY-70-W-B2  
FWHM / FWTM 28.0° / 46.0°  
Efficiency 93 %  
Peak intensity 3.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.360.1020



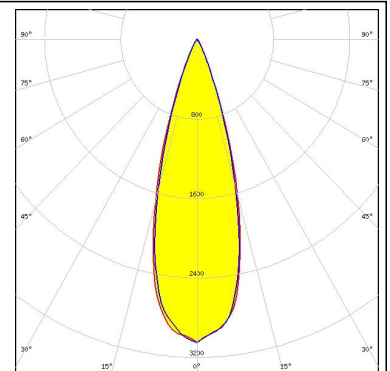
#### SAMSUNG

LED LC010T (Tunable White)  
Ordering code CP19039\_AMY-70-W-C2  
FWHM / FWTM 30.0° / 49.0°  
Efficiency 93 %  
Peak intensity 3.2 cd/lm  
LEDs/each optic 1  
Light colour Tunable White  
Required components:  
Bender Wirth: 501 Typ L8



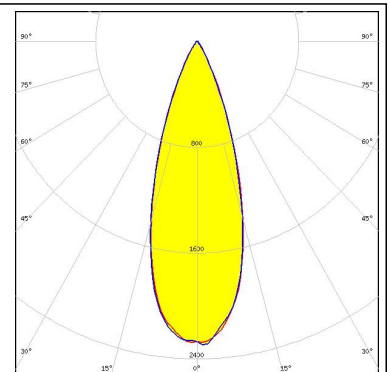
#### SAMSUNG

LED LC020C G2  
Ordering code CP19092\_AMY-70-W-B2  
FWHM / FWTM 31.0° / 50.0°  
Efficiency 92 %  
Peak intensity 3.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.360.1010



#### SAMSUNG

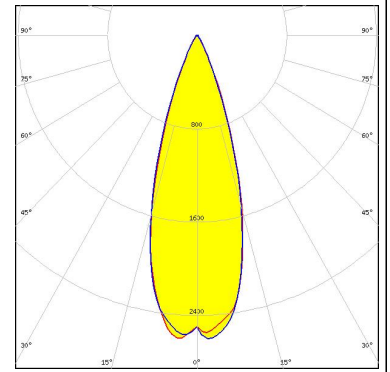
LED LC020T (Tunable white)  
Ordering code CP19039\_AMY-70-W-C2  
FWHM / FWTM 34.0° / 58.0°  
Efficiency 89 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15859\_HEKLA-SOCKET-I



### OPTICAL RESULTS (SIMULATED):

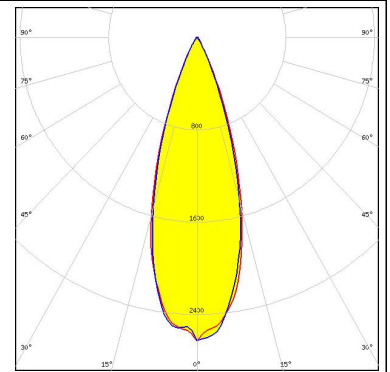
#### SAMSUNG

LED LC020T (Tunable white)  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 34.0° / 54.0°  
 Efficiency 92 %  
 Peak intensity 2.7 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 501 Typ L8



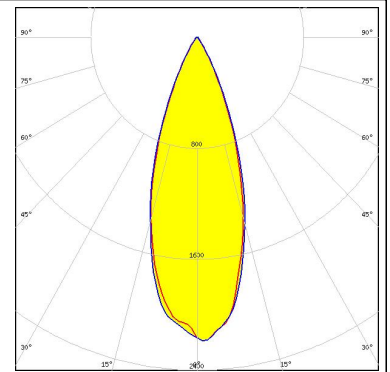
#### SAMSUNG

LED LC030C/040C G2  
 Ordering code CP19092\_AMY-70-W-B2  
 FWHM / FWTM 34.0° / 54.0°  
 Efficiency 91 %  
 Peak intensity 2.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1010



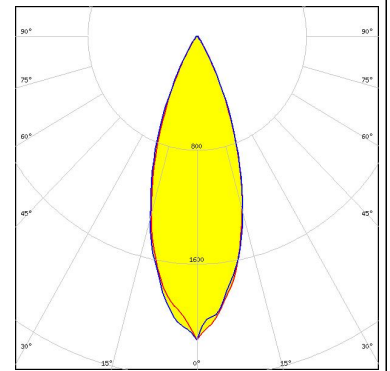
SEOUL SEMICONDUCTOR

LED MJT COB LES 14.5  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 36.0° / 60.0°  
 Efficiency 91 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I

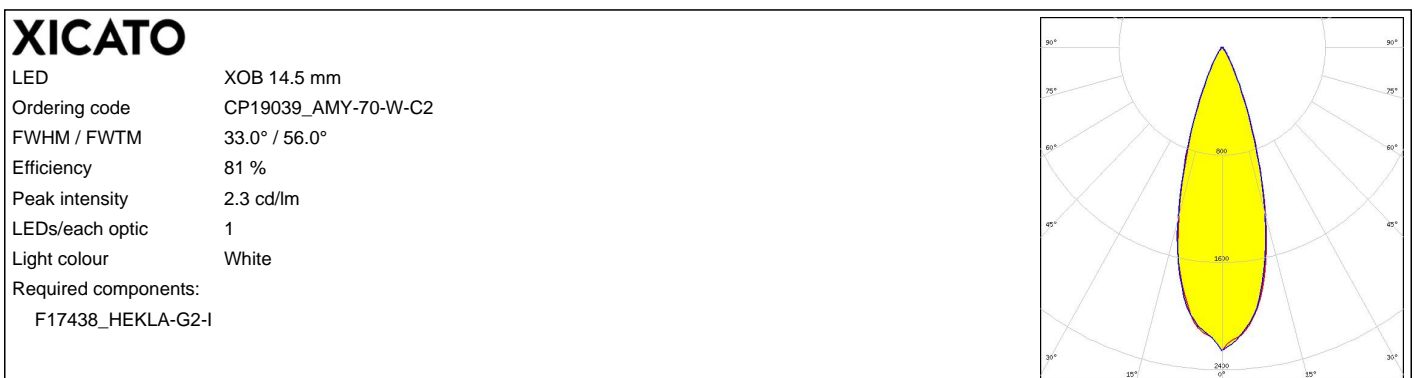


SEOUL SEMICONDUCTOR

LED MJT COB LES 14.5  
 Ordering code CP19039\_AMY-70-W-C2  
 FWHM / FWTM 36.0° / 61.0°  
 Efficiency 88 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-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:

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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