

## AMY-70-RS

~13° spot beam with tight cutoff

## SPECIFICATION:

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

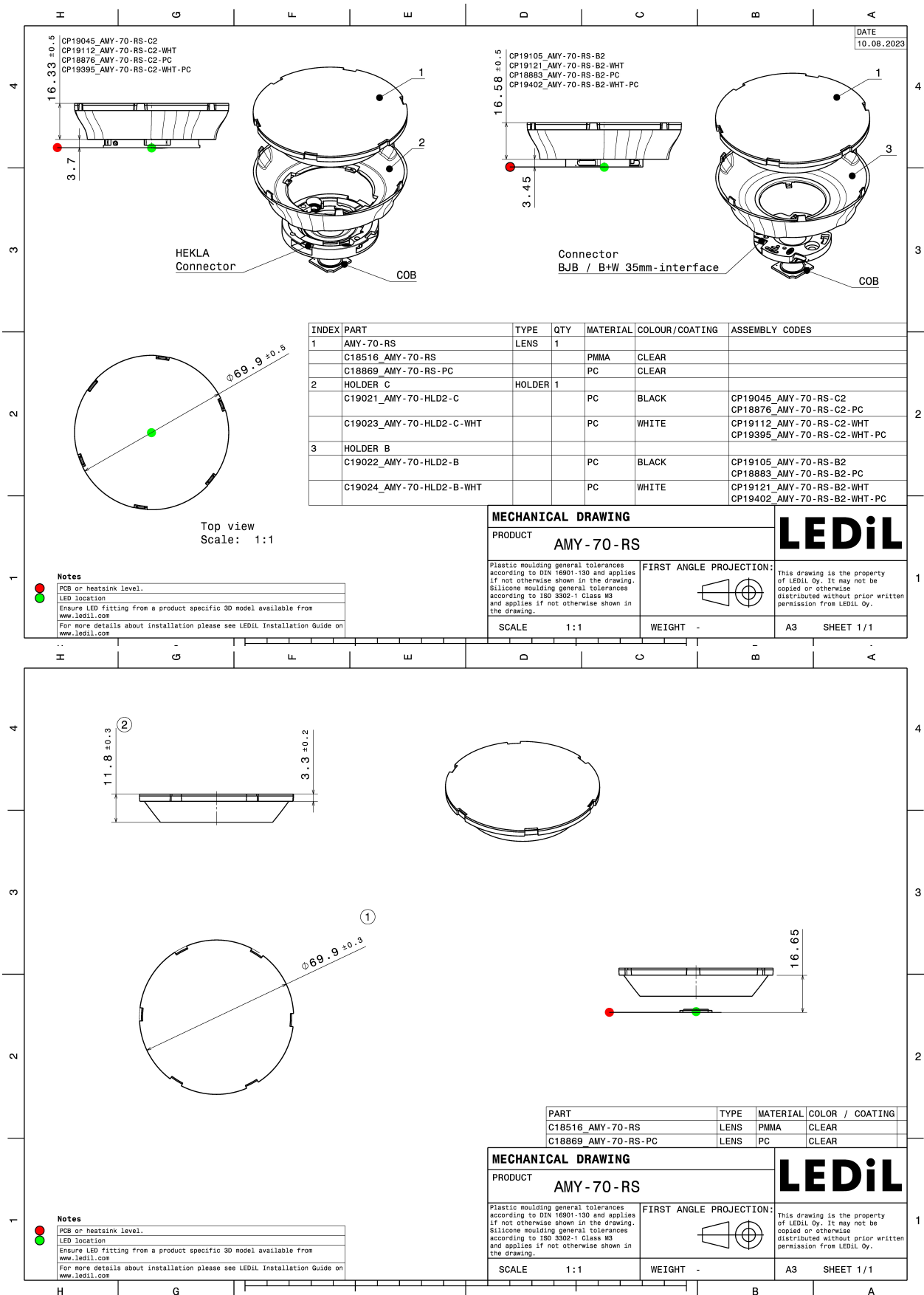
## MATERIALS:

Component	Type	Material	Colour	Finish
AMY-70-RS	Single lens	PMMA	clear	
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)
C18516_AMY-70-RS	285	285	15	9.7
<b>Assembly</b>				
CP19121_AMY-70-RS-B2-WHT	210	210	15	9.0
CP19112_AMY-70-RS-C2-WHT	210	210	15	8.8
CP19105_AMY-70-RS-B2	210	210	15	9.0
CP19045_AMY-70-RS-C2	210	210	15	8.8

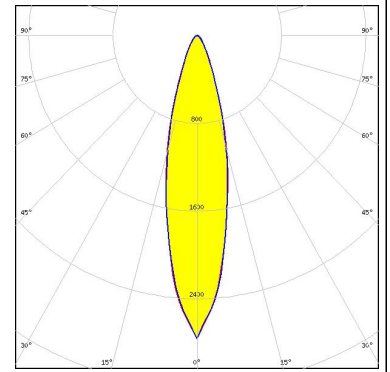


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

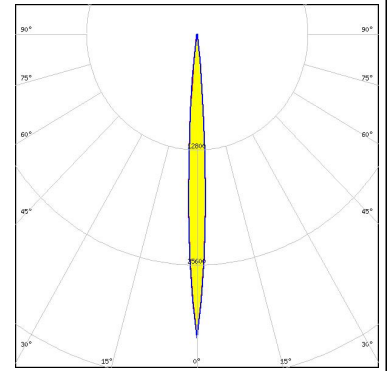
### OPTICAL RESULTS (SIMULATED):



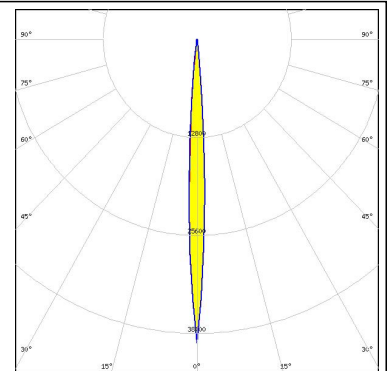
LED V18 Gen 8-9  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 24.0° / 52.0°  
 Efficiency 82 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 639b Hekla XL



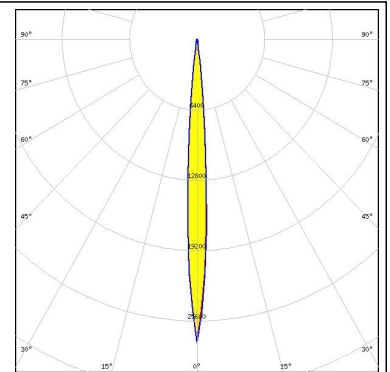
LED V3 HD Gen 8  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 6.0° / 14.0°  
 Efficiency 93 %  
 Peak intensity 33.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15253\_HEKLA-SOCKET-A



LED V3 HD Gen 8 FC  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 6.0° / 12.0°  
 Efficiency 92 %  
 Peak intensity 39.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



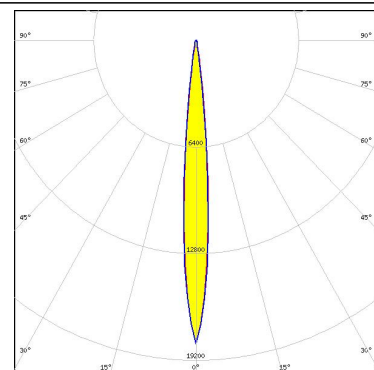
LED V4 HD Gen 8  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 8.0° / 14.0°  
 Efficiency 93 %  
 Peak intensity 27.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15253\_HEKLA-SOCKET-A



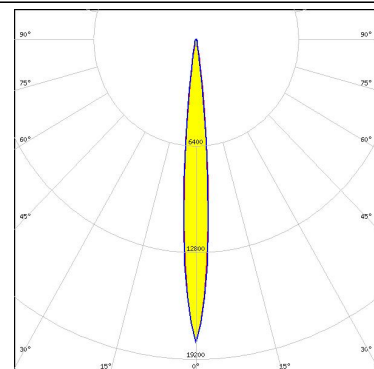
### OPTICAL RESULTS (SIMULATED):



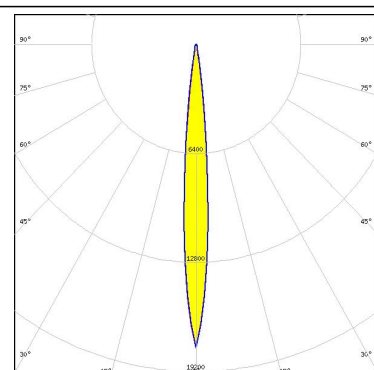
LED V6 Gen 8-9  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 10.0° / 18.0°  
 Efficiency 92 %  
 Peak intensity 18.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15253\_HEKLA-SOCKET-A



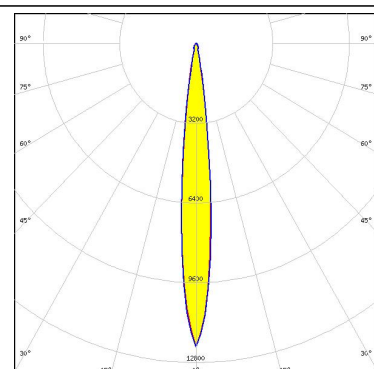
LED V6 Gen 8-9  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 10.0° / 18.0°  
 Efficiency 95 %  
 Peak intensity 18.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15253\_HEKLA-SOCKET-A



LED V6 HD Gen 8  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 10.0° / 18.0°  
 Efficiency 91 %  
 Peak intensity 17.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



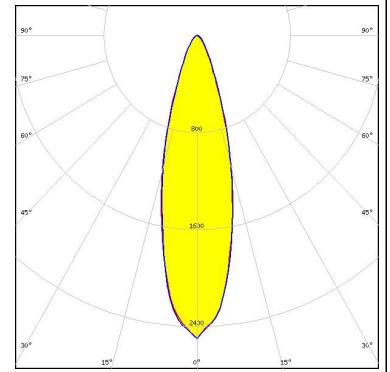
LED V9 HD Gen 8  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 12.0° / 22.0°  
 Efficiency 90 %  
 Peak intensity 12.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



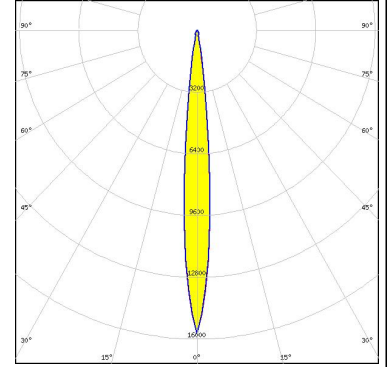
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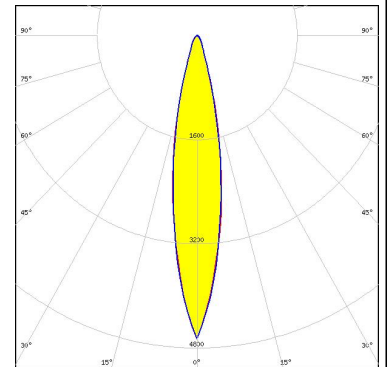
LED VERO18  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 28.0° / 56.0°  
 Efficiency 86 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



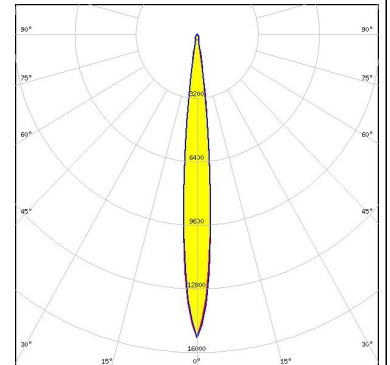
LED Vesta DTW 13mm (21W)  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 91 %  
 Peak intensity 15.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 632b Hekla XL



LED Vesta DTW 15mm (33W)  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 20.0° / 40.0°  
 Efficiency 87 %  
 Peak intensity 4.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 632b Hekla XL



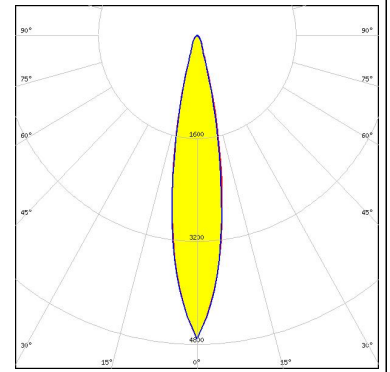
LED Vesta DTW 6mm  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 91 %  
 Peak intensity 15.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 652b Hekla



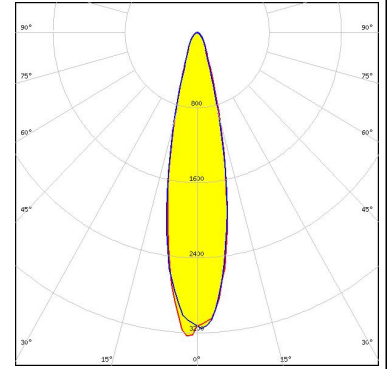
### OPTICAL RESULTS (SIMULATED):



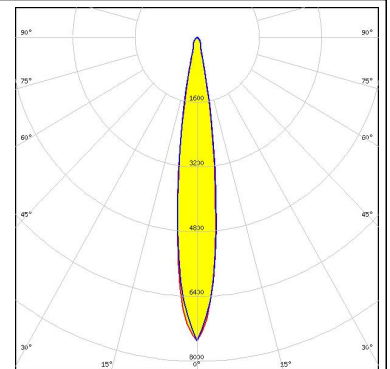
LED Vesta SE 13mm TW  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 20.0° / 37.0°  
 Efficiency 82 %  
 Peak intensity 4.7 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



LED Vesta TW 13mm (18W) DP  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 23.0° / 46.0°  
 Efficiency 85 %  
 Peak intensity 3.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 F18158\_HEKLA-RZ-LENS  
 Bender Wirth: 492 Typ L8

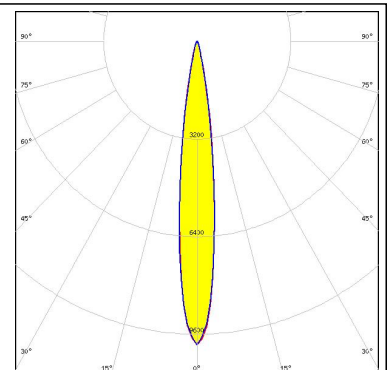


LED Vesta TW 9mm (9W) DP  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 15.0° / 29.0°  
 Efficiency 92 %  
 Peak intensity 7.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 489 Typ L8



### CITIZEN

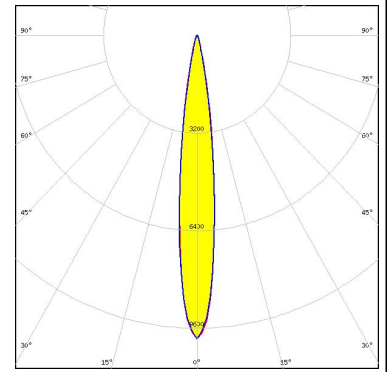
LED CLL02x/CLU02x (LES10)  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 14.0° / 26.0°  
 Efficiency 86 %  
 Peak intensity 9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (SIMULATED):

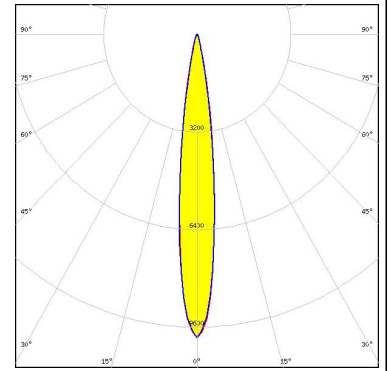
#### CITIZEN

LED CLL02x/CLU02x (LES10)  
 Ordering code CP19105\_AMY-70-RS-B2  
 FWHM / FWTM 14.0° / 26.0°  
 Efficiency 86 %  
 Peak intensity 9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



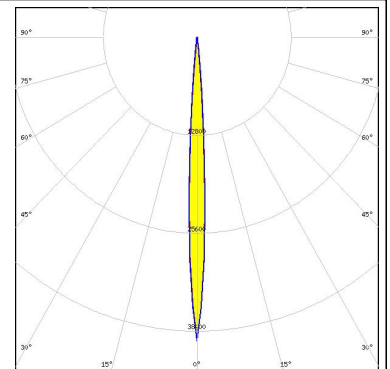
#### CITIZEN

LED CLL02x/CLU02x (LES10)  
 Ordering code C18516\_AMY-70-RS  
 FWHM / FWTM 14.0° / 26.0°  
 Efficiency 86 %  
 Peak intensity 9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



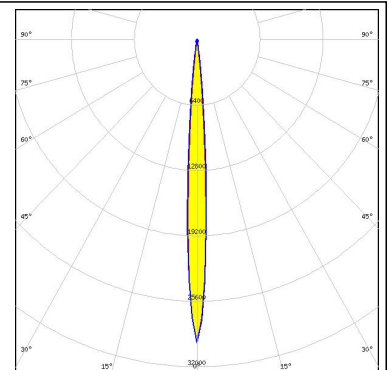
#### CREE<sup>®</sup> LEDs

LED CHA0304  
 Ordering code CP19112\_AMY-70-RS-C2-WHT  
 FWHM / FWTM 6.0° / 12.0°  
 Efficiency 94 %  
 Peak intensity 39.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



#### CREE<sup>®</sup> LEDs

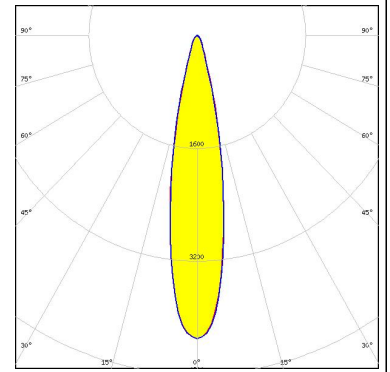
LED CHA0410  
 Ordering code CP19112\_AMY-70-RS-C2-WHT  
 FWHM / FWTM 8.0° / 14.0°  
 Efficiency 94 %  
 Peak intensity 29.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



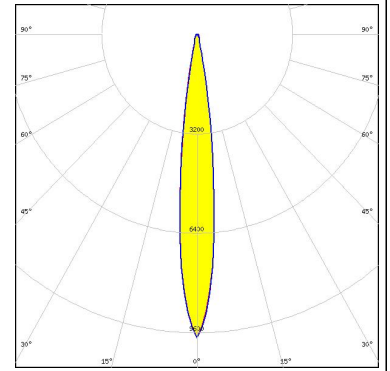
### OPTICAL RESULTS (SIMULATED):



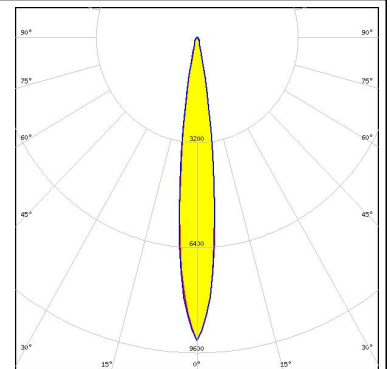
LED CMA1840  
Ordering code CP19045\_AMY-70-RS-C2  
FWHM / FWTM 20.0° / 39.0°  
Efficiency 85 %  
Peak intensity 4.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 637a Hekla



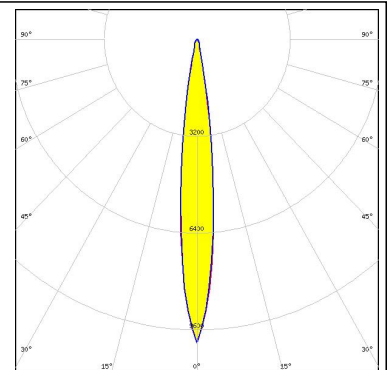
LED CMT14xx  
Ordering code C18516\_AMY-70-RS  
FWHM / FWTM 14.0° / 25.0°  
Efficiency 93 %  
Peak intensity 9.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED CMT14xx  
Ordering code CP19045\_AMY-70-RS-C2  
FWHM / FWTM 14.0° / 26.0°  
Efficiency 87 %  
Peak intensity 9.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17435\_HEKLA-G2-C



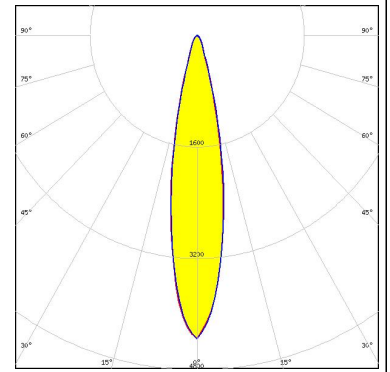
LED CMU10xx  
Ordering code CP19105\_AMY-70-RS-B2  
FWHM / FWTM 12.0° / 25.0°  
Efficiency 89 %  
Peak intensity 10 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.360.1020



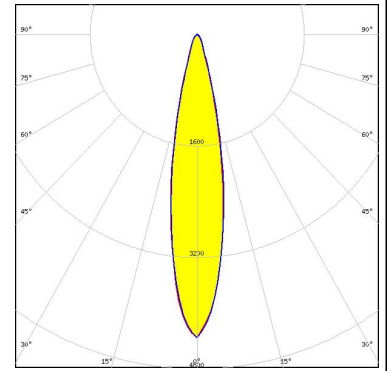
### OPTICAL RESULTS (SIMULATED):



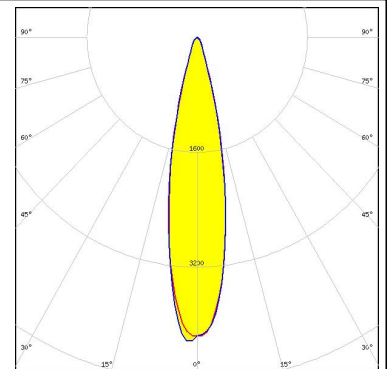
LED CMU15xx  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 20.0° / 40.0°  
 Efficiency 85 %  
 Peak intensity 4.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 633a Hekla



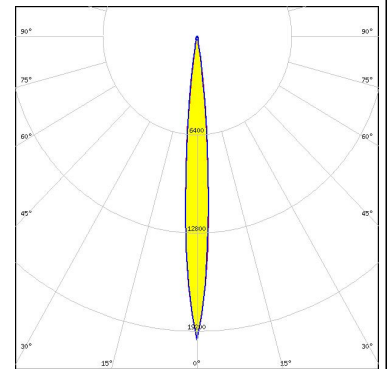
LED CMU15xx  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 20.0° / 38.0°  
 Efficiency 85 %  
 Peak intensity 4.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



LED LUXEON CX Plus CoB L08 (Gen2)  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 22.0° / 40.0°  
 Efficiency 89 %  
 Peak intensity 4.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 637a Hekla



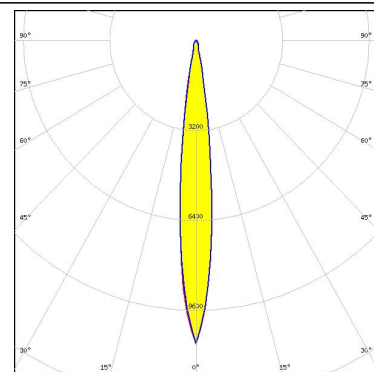
LED LUXEON 7070  
 FWHM / FWTM 9.0° / 18.0°  
 Efficiency 94 %  
 Peak intensity 19.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



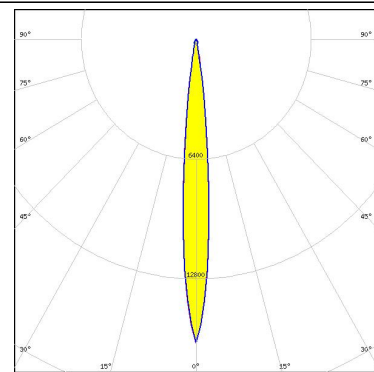
### OPTICAL RESULTS (SIMULATED):



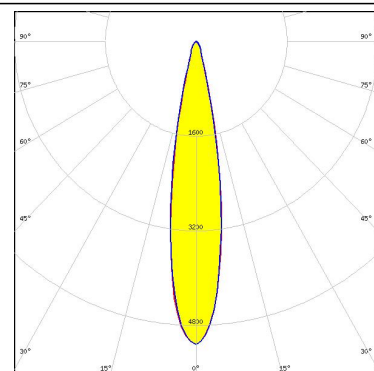
LED LUXEON CoB 1202/1203  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 12.0° / 24.0°  
 Efficiency 90 %  
 Peak intensity 10.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15858\_HEKLA-SOCKET-H



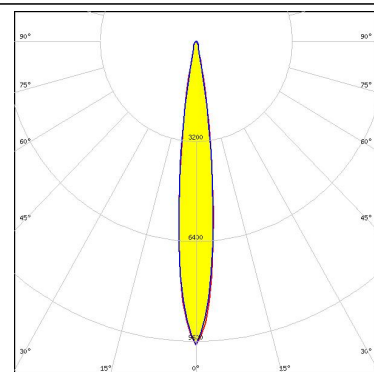
LED LUXEON CoB 1202HD  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 92 %  
 Peak intensity 16.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15848\_HEKLA-SOCKET-G



LED LUXEON CoB 1204/1205  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 20.0° / 36.0°  
 Efficiency 88 %  
 Peak intensity 5.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 632a Hekla XL



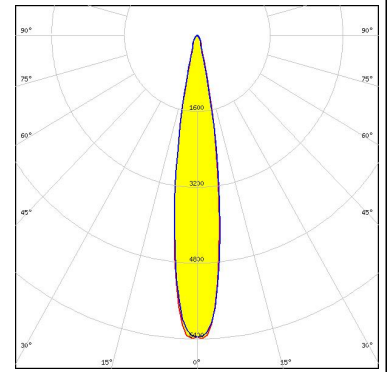
LED LUXEON CoB 1204HD  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 14.0° / 25.0°  
 Efficiency 90 %  
 Peak intensity 9.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15858\_HEKLA-SOCKET-H



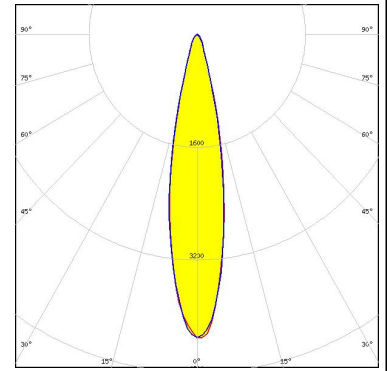
### OPTICAL RESULTS (SIMULATED):



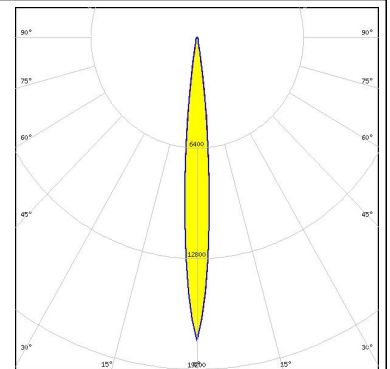
LED LUXEON CoB 1205HD  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 18.0° / 30.0°  
 Efficiency 89 %  
 Peak intensity 6.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15858\_HEKLA-SOCKET-H



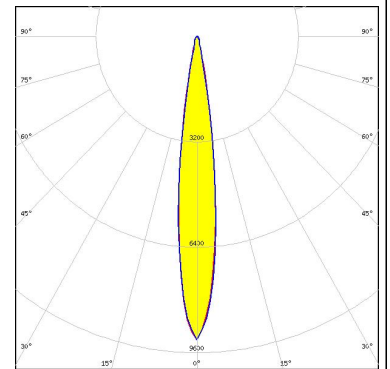
LED LUXEON CoB 1208  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 21.0° / 40.0°  
 Efficiency 88 %  
 Peak intensity 4.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 632a Hekla XL



LED LUXEON CX Plus CoB - HD S02H6  
 Ordering code CP19105\_AMY-70-RS-B2  
 FWHM / FWTM 10.0° / 19.0°  
 Efficiency 92 %  
 Peak intensity 17.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 634c Bayonet35L



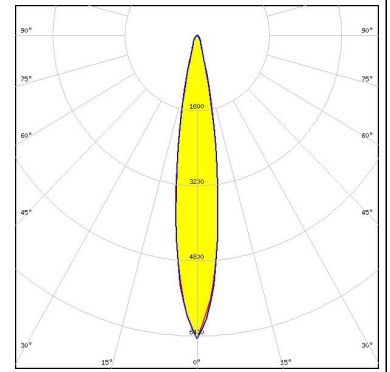
LED LUXEON CX Plus CoB - HD S04H9  
 Ordering code CP19105\_AMY-70-RS-B2  
 FWHM / FWTM 14.0° / 26.0°  
 Efficiency 91 %  
 Peak intensity 9.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 634a Bayonet35L



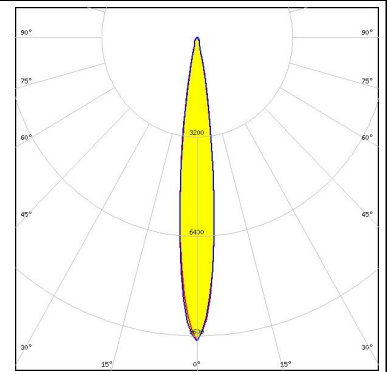
### OPTICAL RESULTS (SIMULATED):



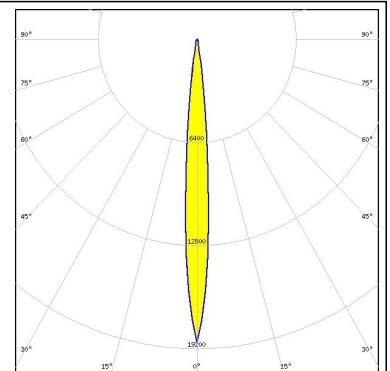
LED LUXEON CX Plus CoB L04 / L05 (Gen2)  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 16.0° / 32.0°  
 Efficiency 89 %  
 Peak intensity 6.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15254\_HEKLA-SOCKET-B



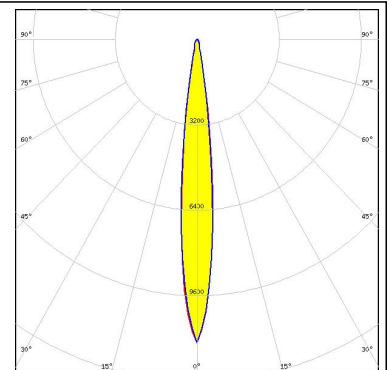
LED LUXEON CX Plus CoB M02 / M03 (Gen2)  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 14.0° / 26.0°  
 Efficiency 91 %  
 Peak intensity 9.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



LED LUXEON CX Plus CoB S01 (Gen2)  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 10.0° / 18.0°  
 Efficiency 92 %  
 Peak intensity 18.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15956\_HEKLA-SOCKET-J



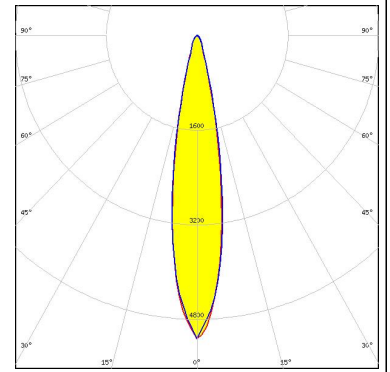
LED CHM-9 XH (19x19)  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 12.0° / 24.0°  
 Efficiency 91 %  
 Peak intensity 11.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



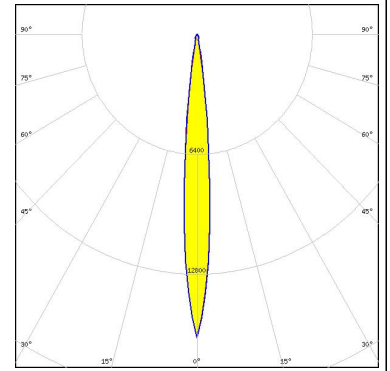
### OPTICAL RESULTS (SIMULATED):



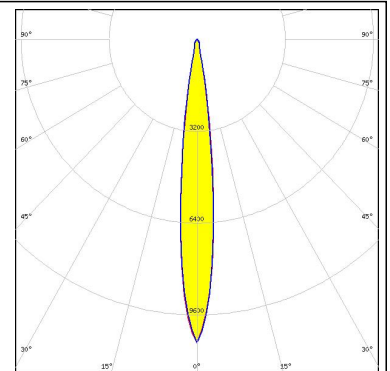
LED CTM-14 (Tunable White) Gen2  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 20.0° / 36.0°  
 Efficiency 89 %  
 Peak intensity 5.1 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 442 Typ L8



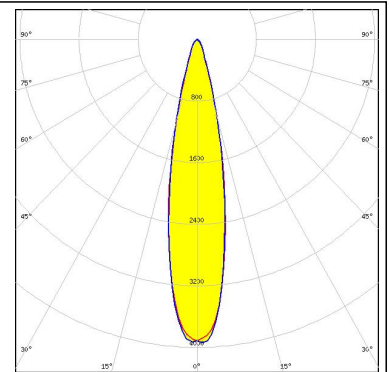
LED CTM-6 (Tunable White) Gen2  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 92 %  
 Peak intensity 16.2 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 495 Typ L8



LED CTM-9 (Tunable White) Gen2  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 12.0° / 24.0°  
 Efficiency 90 %  
 Peak intensity 10.6 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 495 Typ L8



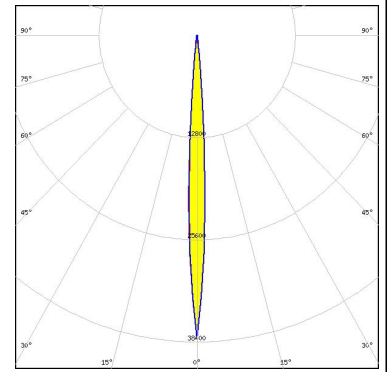
LED CxM-14 (18.5x18.5)  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 22.0° / 41.0°  
 Efficiency 86 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



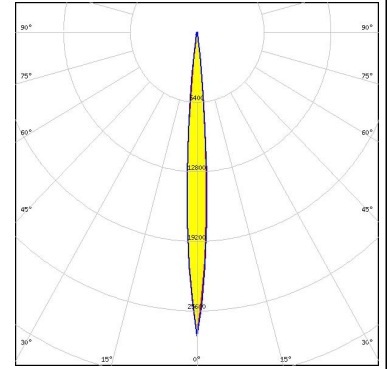
### OPTICAL RESULTS (SIMULATED):



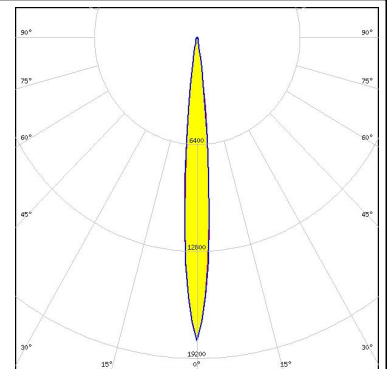
LED CXM-3  
 Ordering code CP19105\_AMY-70-RS-B2  
 FWHM / FWTM 6.0° / 12.0°  
 Efficiency 93 %  
 Peak intensity 38 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 634a Bayonet35L



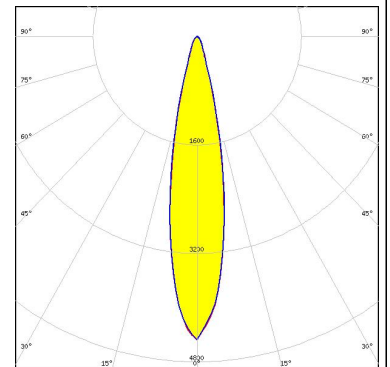
LED CXM-4  
 Ordering code CP19105\_AMY-70-RS-B2  
 FWHM / FWTM 8.0° / 15.0°  
 Efficiency 92 %  
 Peak intensity 27.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 634a Bayonet35L



LED CxM-6 (13.5x13.5)  
 Ordering code CP19105\_AMY-70-RS-B2  
 FWHM / FWTM 10.0° / 18.0°  
 Efficiency 92 %  
 Peak intensity 18.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1020



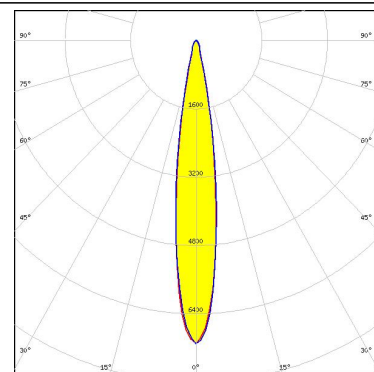
LED COB J-Type  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 21.0° / 40.0°  
 Efficiency 89 %  
 Peak intensity 4.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 663a Hekla XL



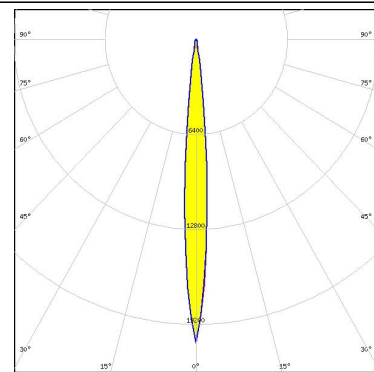
### OPTICAL RESULTS (SIMULATED):



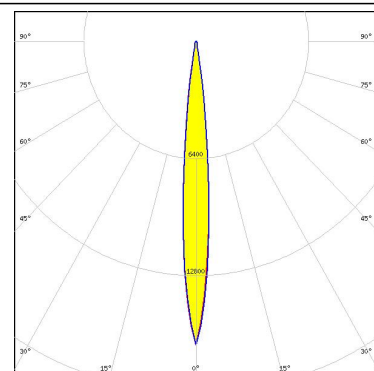
LED COB L-Type (LES 11)  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 16.0° / 30.0°  
 Efficiency 90 %  
 Peak intensity 7.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15858\_HEKLA-SOCKET-H



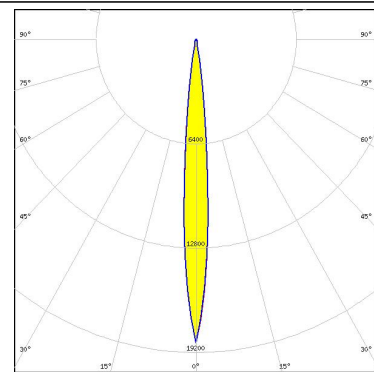
LED COB S-Type (LES 6)  
 Ordering code CP19105\_AMY-70-RS-B2  
 FWHM / FWTM 8.0° / 18.0°  
 Efficiency 92 %  
 Peak intensity 20.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 652a Bayonet35L



LED COB S-Type (LES 7)  
 Ordering code CP19105\_AMY-70-RS-B2  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 92 %  
 Peak intensity 16.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 652a Bayonet35L



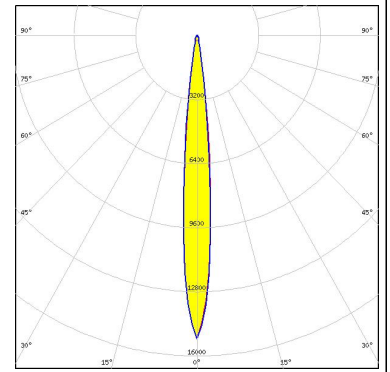
LED COB T-Type  
 Ordering code CP19105\_AMY-70-RS-B2  
 FWHM / FWTM 10.0° / 18.0°  
 Efficiency 92 %  
 Peak intensity 18.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 652a Bayonet35L



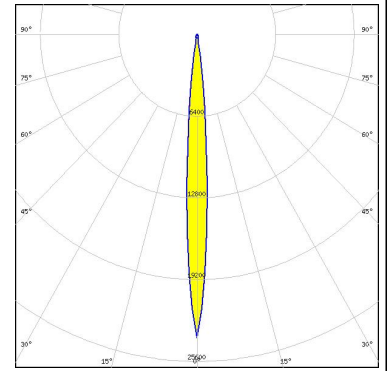
### OPTICAL RESULTS (SIMULATED):



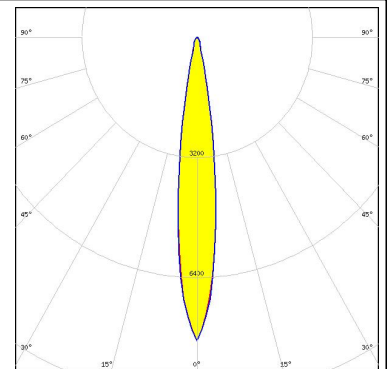
LED NJCWL024Z-V1MT: COB L-Type Tunable White  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 91 %  
 Peak intensity 15.1 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 497 Typ L8 HV



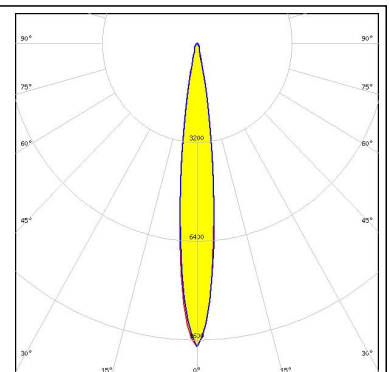
LED NJNWS012Z-V1MT: COB S-Type Tunable White  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 8.0° / 16.0°  
 Efficiency 92 %  
 Peak intensity 23.8 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 495 Typ L8 HV



LED NVCWJ024Z-V1MT: COB J-Type Tunable White  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 14.0° / 28.0°  
 Efficiency 90 %  
 Peak intensity 8.1 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 498 Typ L8 HV



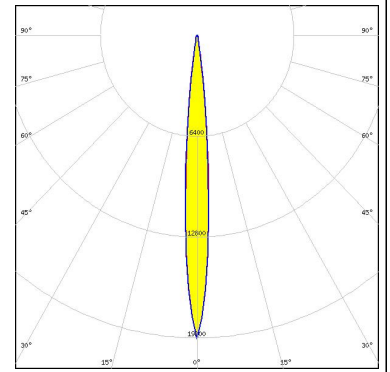
LED LC003D / LC006D / LC009D / LC013D  
 Ordering code CP19105\_AMY-70-RS-B2  
 FWHM / FWTM 14.0° / 26.0°  
 Efficiency 91 %  
 Peak intensity 9.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1020



### OPTICAL RESULTS (SIMULATED):

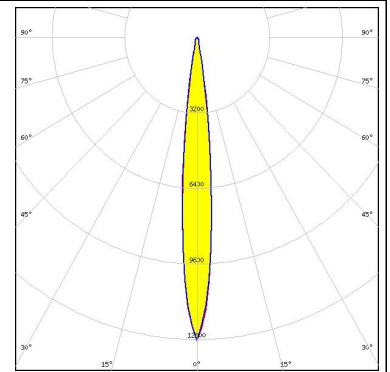
#### SAMSUNG

LED LC010C G2  
 Ordering code CP19105\_AMY-70-RS-B2  
 FWHM / FWTM 10.0° / 18.0°  
 Efficiency 92 %  
 Peak intensity 19.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1020



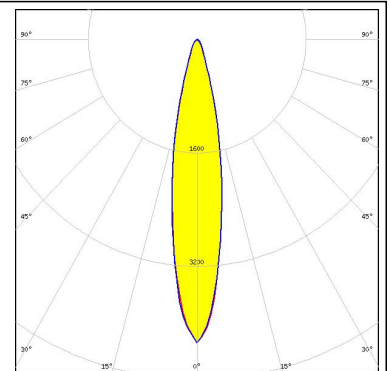
#### SAMSUNG

LED LC010T (Tunable White)  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 12.0° / 22.0°  
 Efficiency 91 %  
 Peak intensity 12.9 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 Bender Wirth: 501 Typ L8



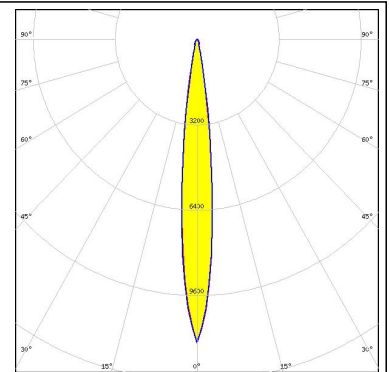
#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 20.0° / 40.0°  
 Efficiency 85 %  
 Peak intensity 4.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



#### SAMSUNG

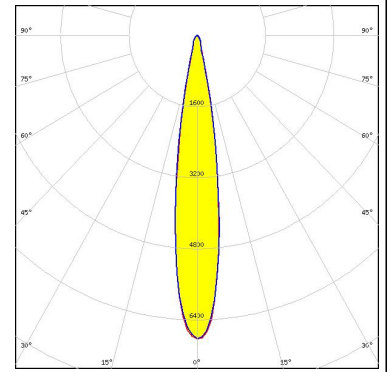
LED LC020C G2  
 Ordering code CP19105\_AMY-70-RS-B2  
 FWHM / FWTM 12.0° / 24.0°  
 Efficiency 90 %  
 Peak intensity 11.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1010



### OPTICAL RESULTS (SIMULATED):

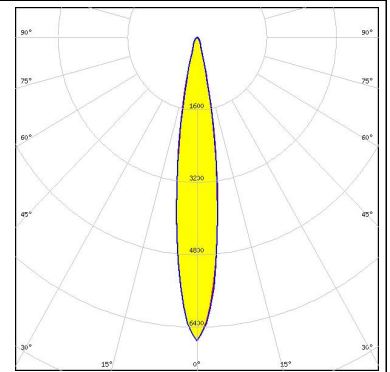
#### SAMSUNG

LED LC020T (Tunable white)  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 16.0° / 30.0°  
 Efficiency 90 %  
 Peak intensity 6.8 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 501 Typ L8

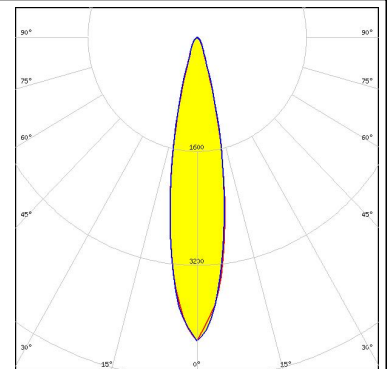


#### SAMSUNG

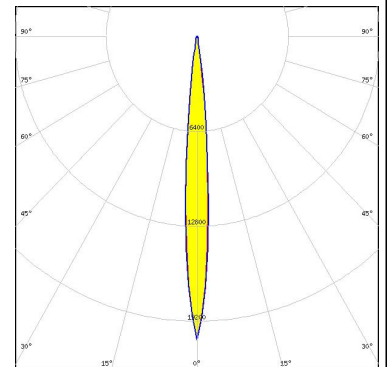
LED LC030C/040C G2  
 Ordering code CP19105\_AMY-70-RS-B2  
 FWHM / FWTM 16.0° / 32.0°  
 Efficiency 89 %  
 Peak intensity 6.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1010



LED MJT COB LES 14.5  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 22.0° / 40.0°  
 Efficiency 88 %  
 Peak intensity 4.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



LED MJT COB LES 6  
 Ordering code CP19045\_AMY-70-RS-C2  
 FWHM / FWTM 8.0° / 18.0°  
 Efficiency 93 %  
 Peak intensity 20.5 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:

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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