

AMY-50-S

~18° spot beam

SPECIFICATION:

Dimensions	Ø 49.9 mm
Height	10.8 mm
Fastening	socket
ROHS compliant	yes ⓘ

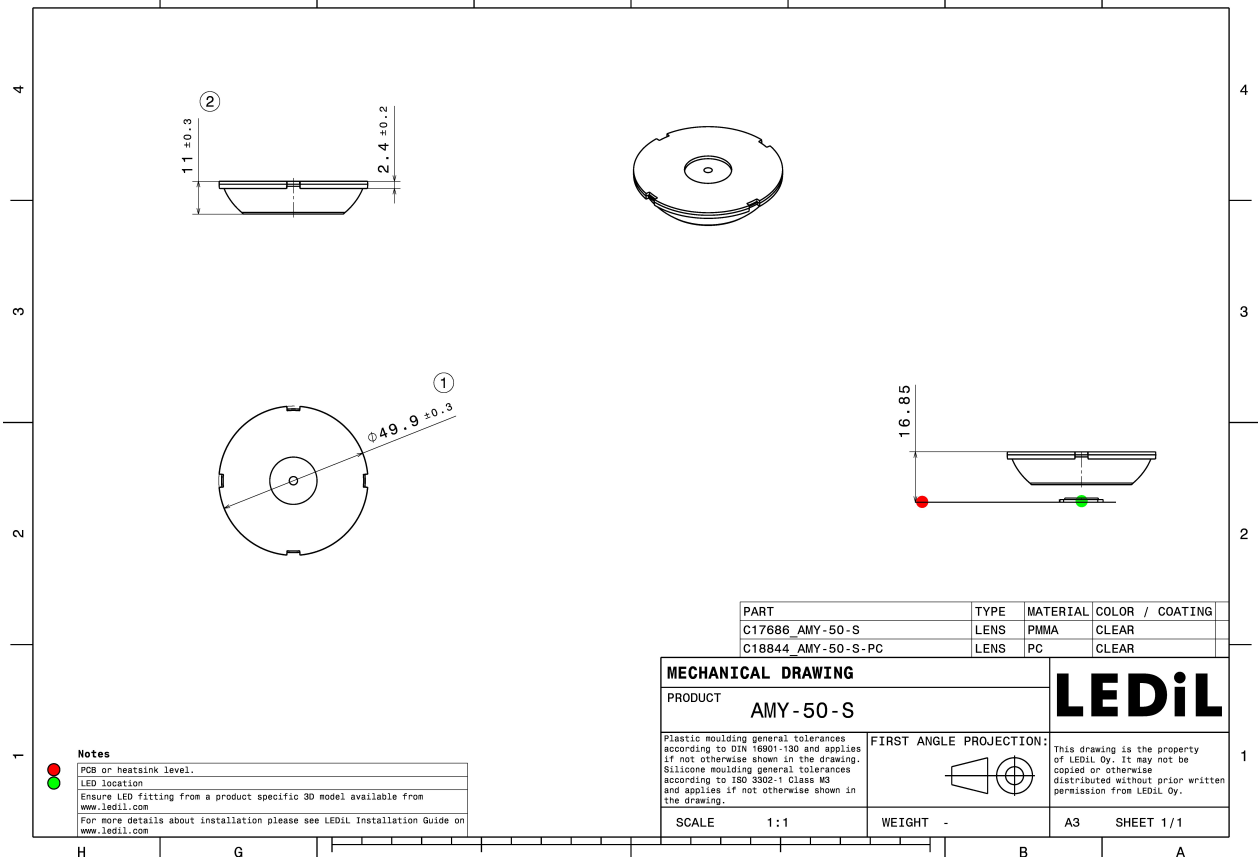
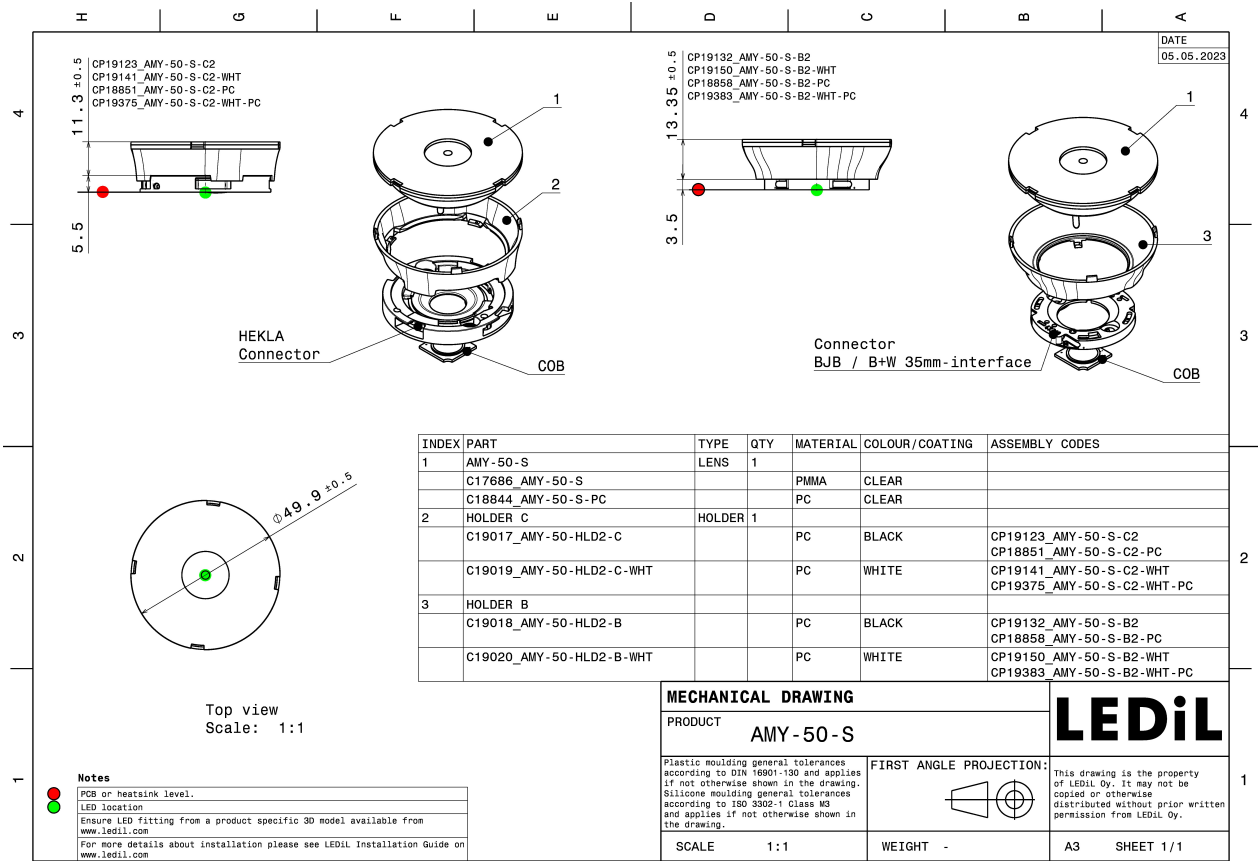
MATERIALS:

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



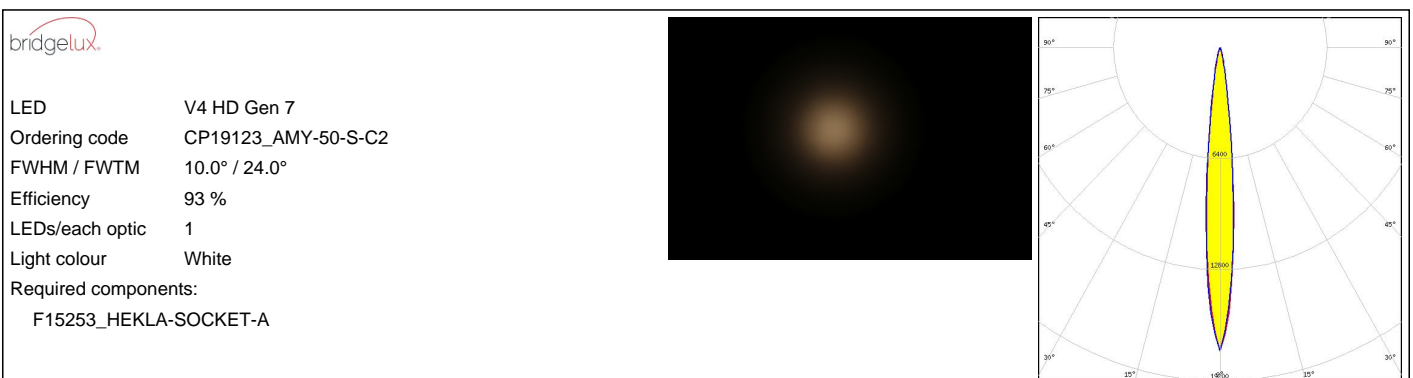
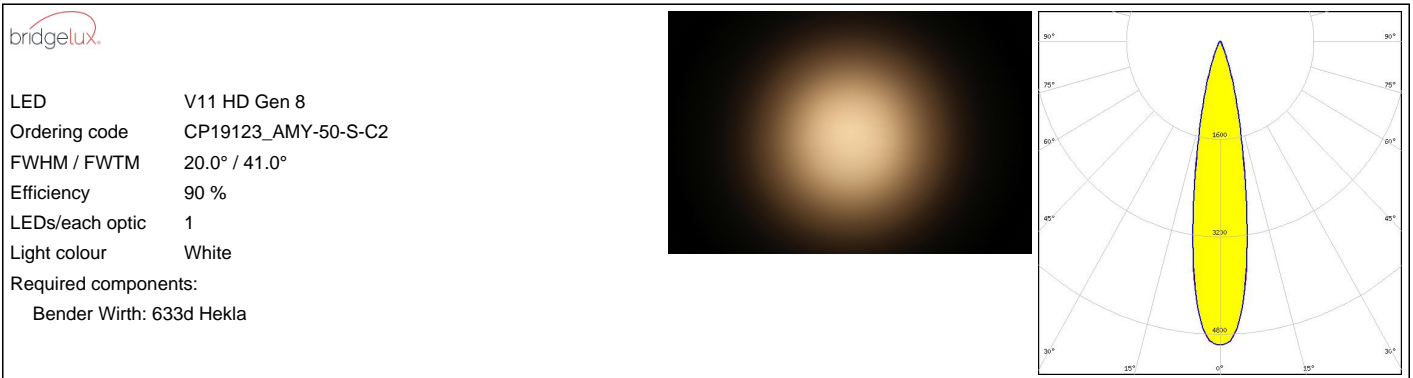
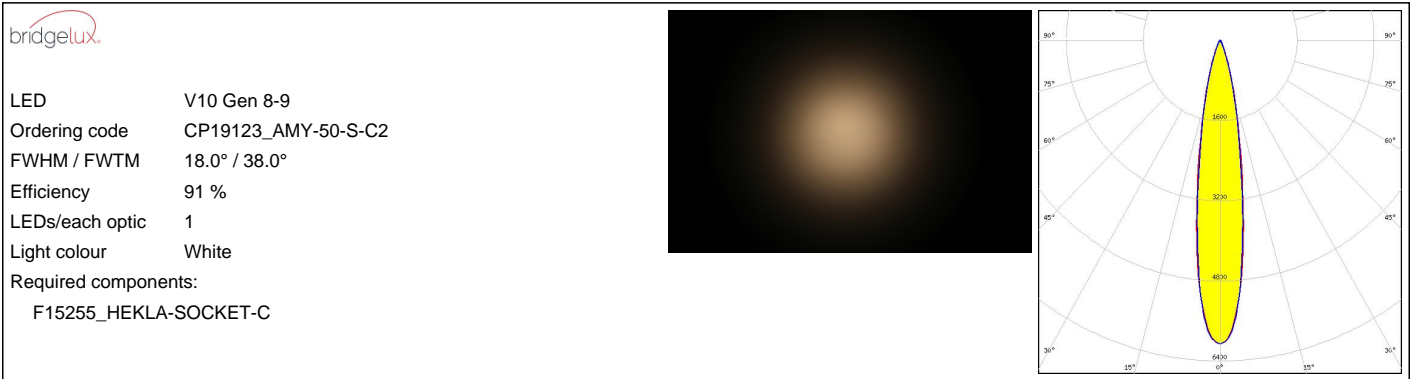
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17686_AMY-50-S	690	120	30	9.5
Assembly				
CP19150_AMY-50-S-B2-WHT	510	120	30	8.8
CP19141_AMY-50-S-C2-WHT	510	120	30	8.4
CP19132_AMY-50-S-B2	510	120	30	8.8
CP19123_AMY-50-S-C2	510	120	30	8.3

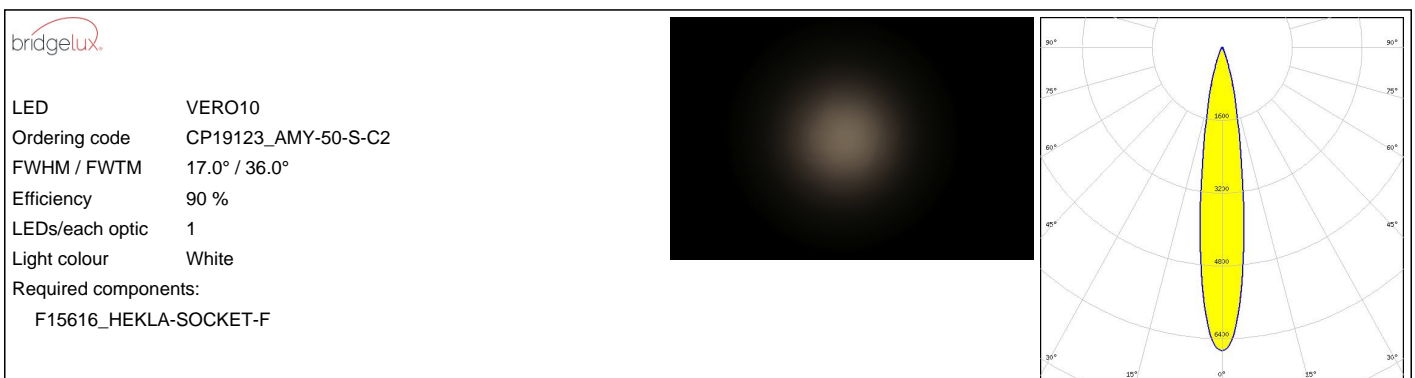
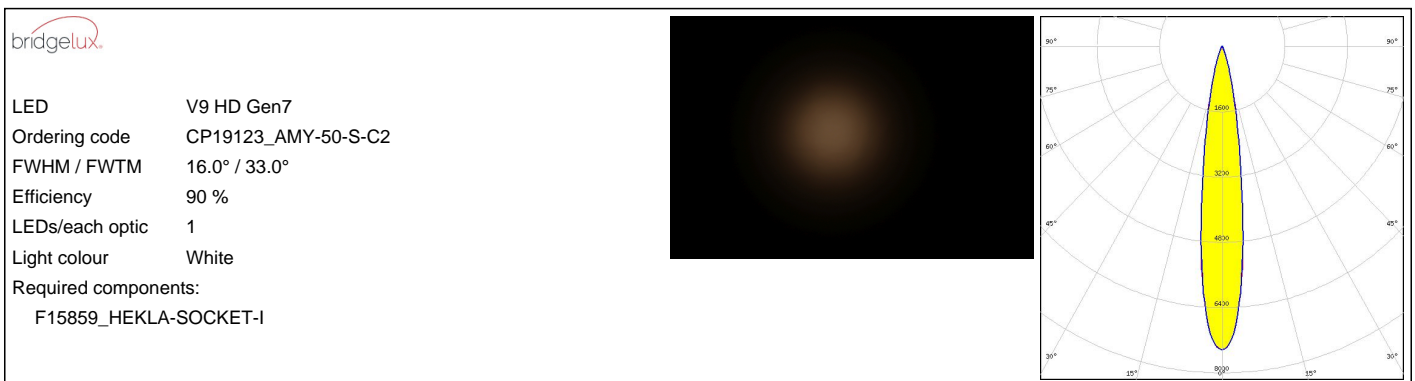
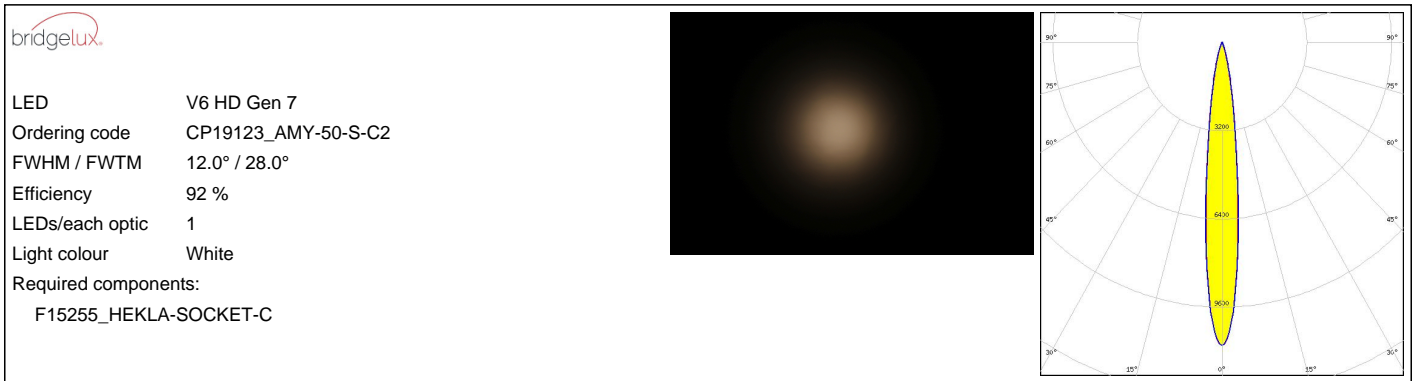


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (MEASURED):

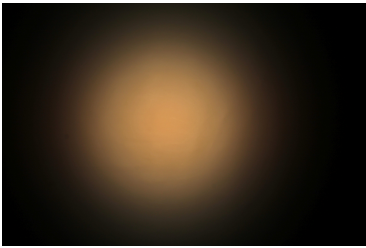
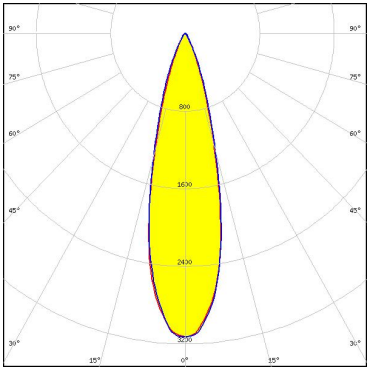


OPTICAL RESULTS (MEASURED):

bridgelux.

LED Vesta DTW 13mm (21W)
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 27.0° / 49.0°
 Efficiency 86 %
 LEDs/each optic 1
 Light colour White

Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 491 Typ L8

bridgelux.

LED Vesta DTW 15mm (33W)
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 24.0° / 49.0°
 Efficiency 86 %
 LEDs/each optic 1
 Light colour White

Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 491 Typ L8




bridgelux.

LED Vesta TW 13mm (18W) DP
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 25.0° / 49.0°
 Efficiency 86 %
 LEDs/each optic 1
 Light colour White

Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 492 Typ L8



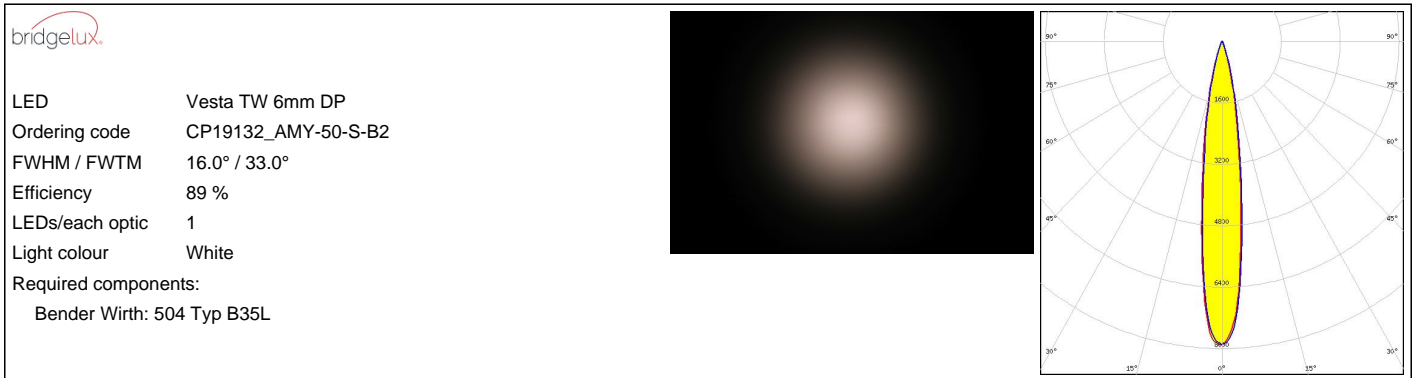
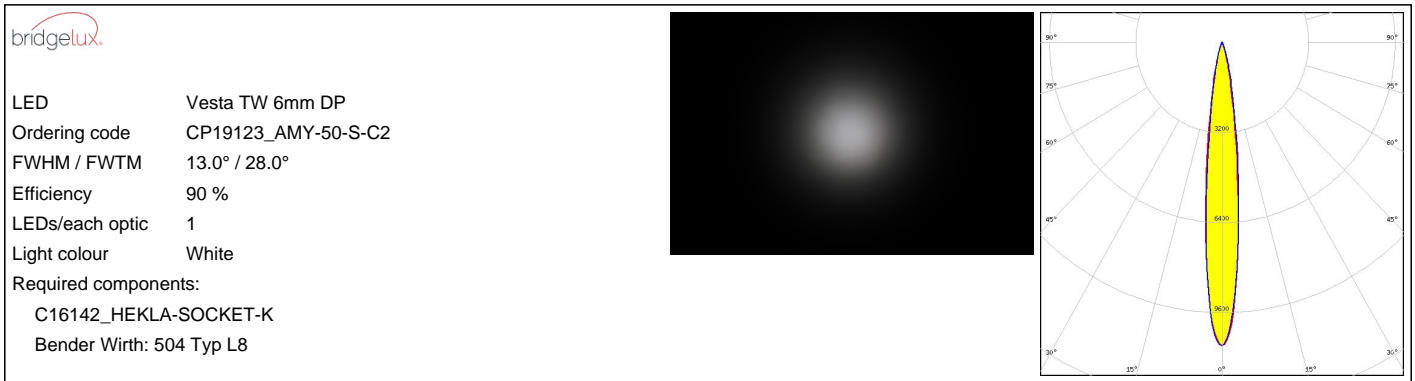

bridgelux.

LED Vesta TW 15mm DP
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 30.0° / 55.0°
 Efficiency 85 %
 LEDs/each optic 1
 Light colour White

Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 482 Typ L8



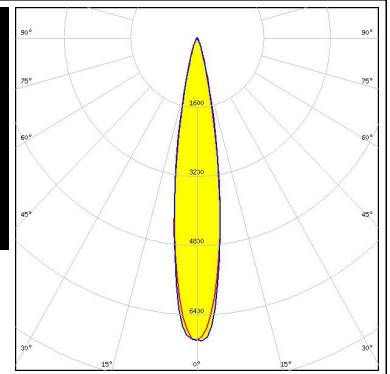

OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (MEASURED):

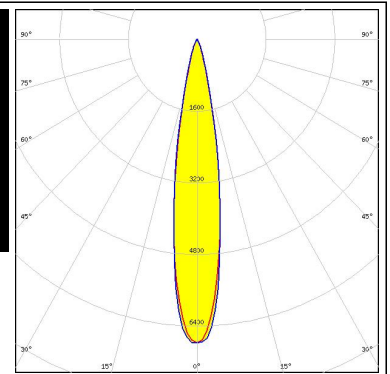
CITIZEN

LED CLL02x/CLU02x (LES10)
 Ordering code CP19132_AMY-50-S-B2
 FWHM / FWTM 17.0° / 38.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour White
 Required components:
 Green Gems: GH27d



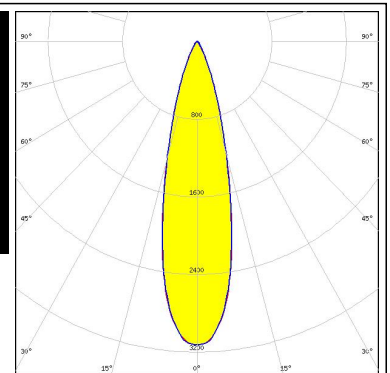
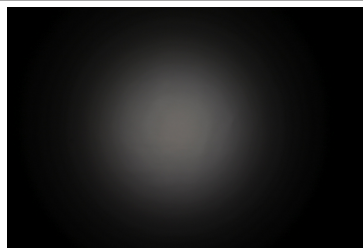
CITIZEN

LED CLL02x/CLU02x (LES10)
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 18.0° / 36.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



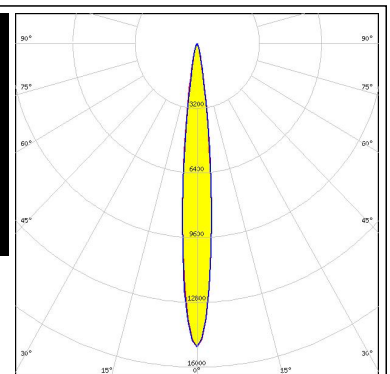
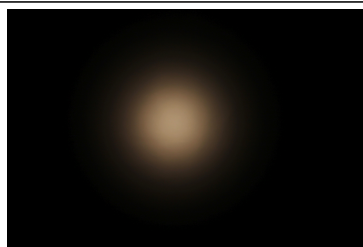
CITIZEN

LED CLL03x/CLU03x
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 26.0° / 50.0°
 Efficiency 86 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



CITIZEN

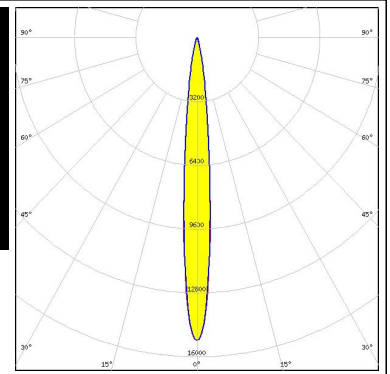
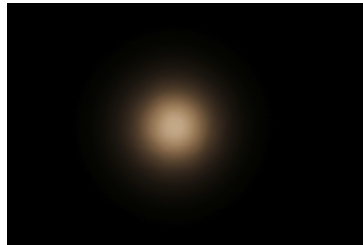
LED CLU700/701/702/703
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 13.0° / 28.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



OPTICAL RESULTS (MEASURED):

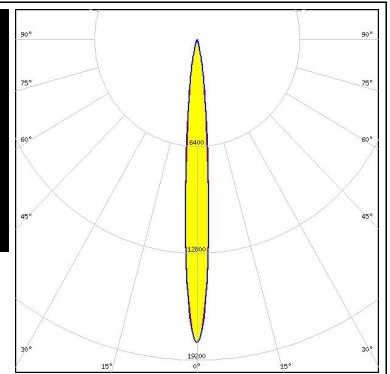
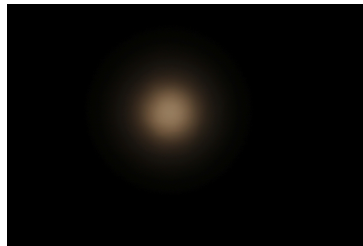
CITIZEN

LED CLU7A2/7A3
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 10.0° / 23.0°
 Efficiency 91 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



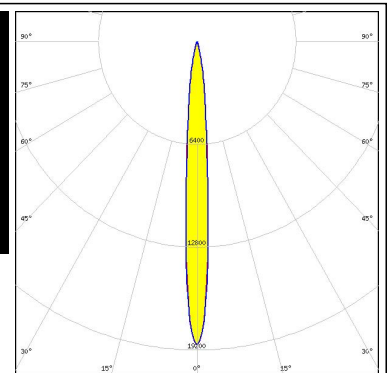
CITIZEN

LED CLU7B2
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 9.0° / 22.0°
 Efficiency 91 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



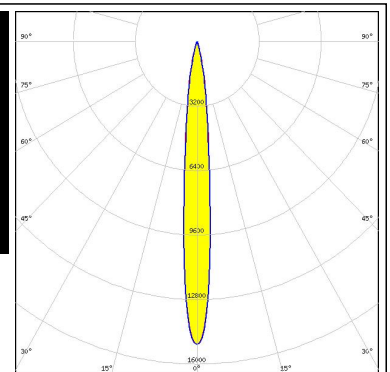
CITIZEN

LED CLU7L3
 Ordering code CP19132_AMY-50-S-B2
 FWHM / FWTM 9.0° / 23.0°
 Efficiency 93 %
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 667a Bayonet35



CITIZEN

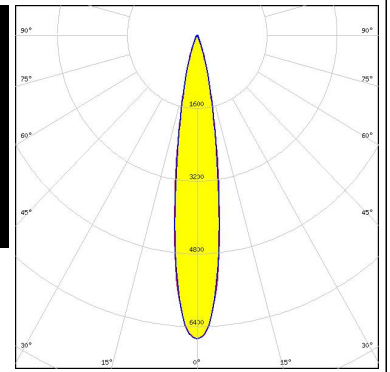
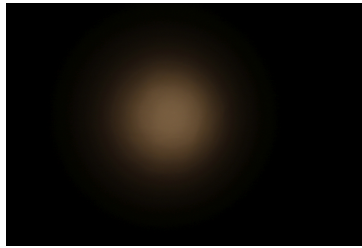
LED CLU7S3
 Ordering code CP19132_AMY-50-S-B2
 FWHM / FWTM 10.0° / 25.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 667a Bayonet35



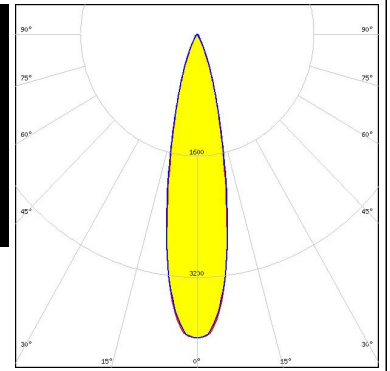
OPTICAL RESULTS (MEASURED):



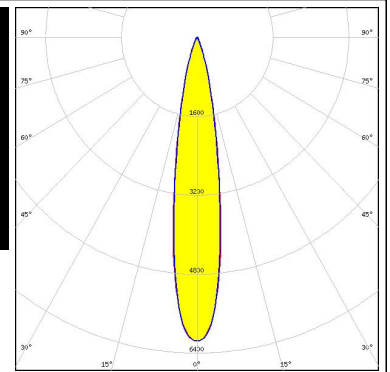
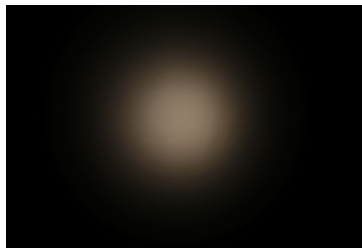
LED CMA1516
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 17.0° / 35.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



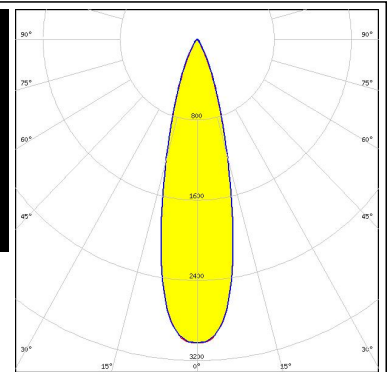
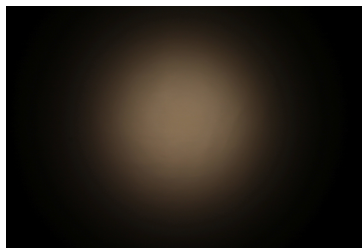
LED CMA1825
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 23.0° / 45.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F15254_HEKLA-SOCKET-B



LED CMT14xx
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 18.0° / 37.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



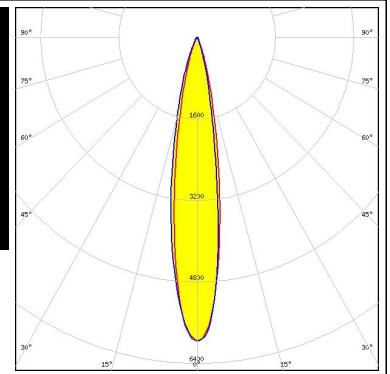
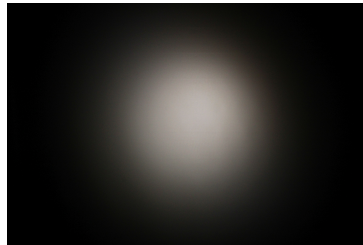
LED CMT19xx
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 26.0° / 51.0°
 Efficiency 87 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



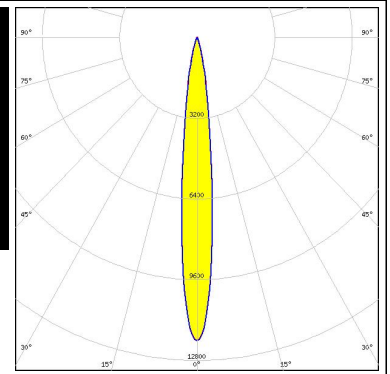
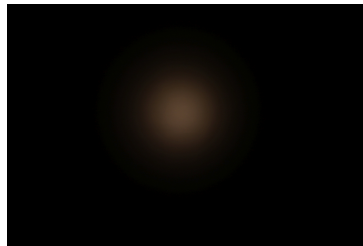
OPTICAL RESULTS (MEASURED):



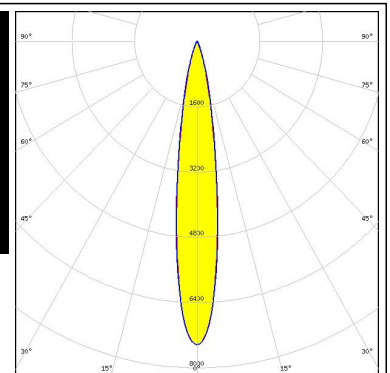
LED CMU10xx
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 18.0° / 37.0°
Efficiency 89 %
LEDs/each optic 1
Light colour White
Required components:
 F17435_HEKLA-G2-C



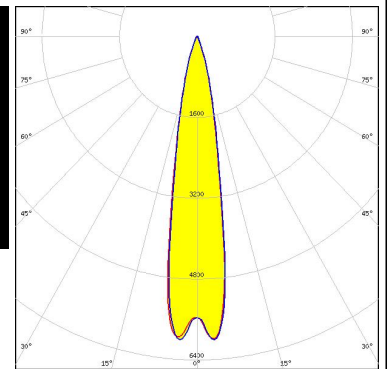
LED CXA/B 13xx
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 12.0° / 27.0°
Efficiency 92 %
LEDs/each optic 1
Light colour White
Required components:
 F17439_HEKLA-G2-J



LED CXA/B 15xx
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 15.0° / 34.0°
Efficiency 90 %
LEDs/each optic 1
Light colour White
Required components:
 F17436_HEKLA-G2-D



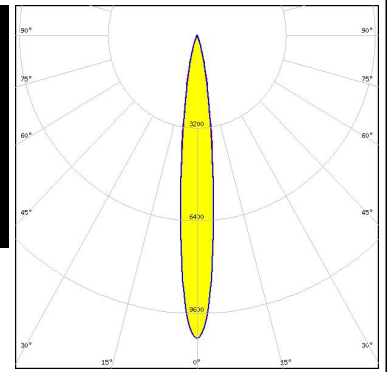
LED LEDiM/C6
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 19.0° / 37.0°
Efficiency 90 %
LEDs/each optic 1
Light colour White
Required components:
 F17438_HEKLA-G2-I



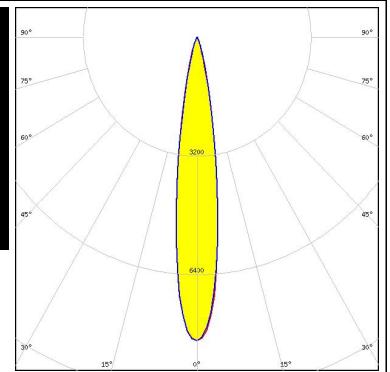
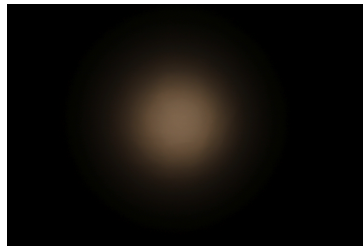
OPTICAL RESULTS (MEASURED):



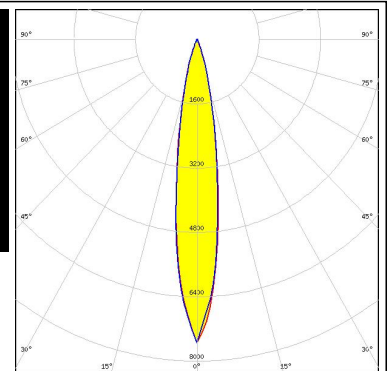
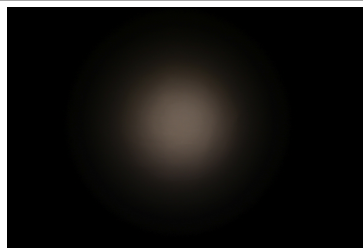
LED LUXEON 7070
 Ordering code CP19132_AMY-50-S-B2
 FWHM / FWTM 13.0° / 29.0°
 Efficiency 93 %
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 634a Bayonet35L



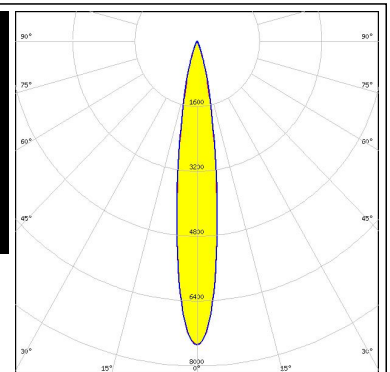
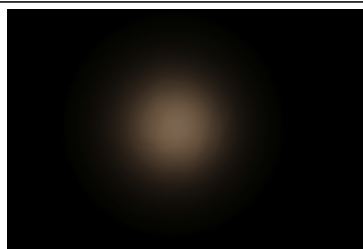
LED LUXEON CoB 1202/1203
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 17.0° / 35.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H





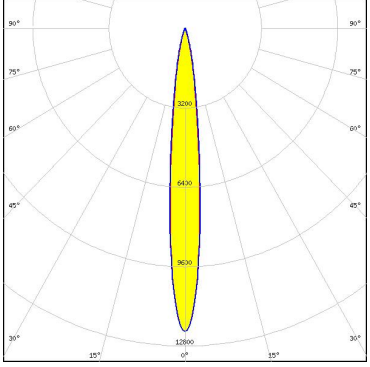
LED LUXEON CoB 1204HD
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 17.0° / 35.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H

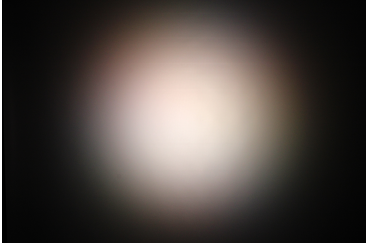


LED LUXEON CoB M02/M03
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D


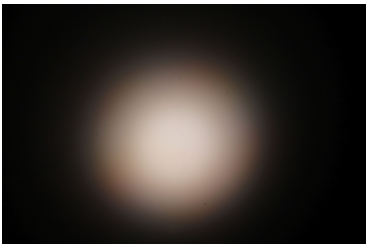


OPTICAL RESULTS (MEASURED):

			
LED	LUXEON CoB S01		
Ordering code	CP19123_AMY-50-S-C2		
FWHM / FWTM	12.0° / 27.0°		
Efficiency	91 %		
LEDs/each optic	1		
Light colour	White		
Required components:			
F17439_HEKLA-G2-J			

			
LED	LUXEON Fusion 12-up (20x24)		
Ordering code	CP19123_AMY-50-S-C2		
FWHM / FWTM	19.0° / 38.0°		
Efficiency	83 %		
LEDs/each optic	1		
Light colour	White		
Required components:			
C16142_HEKLA-SOCKET-K			
F18158_HEKLA-RZ-LENS			
Bender Wirth: 442 Typ L8			

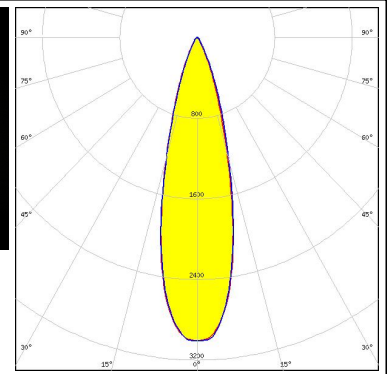
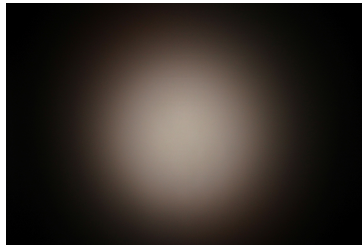
			
LED	LUXEON Fusion 21-up (20x24)		
Ordering code	CP19123_AMY-50-S-C2		
FWHM / FWTM	19.0° / 38.0°		
Efficiency	81 %		
LEDs/each optic	1		
Light colour	White		
Required components:			
C16142_HEKLA-SOCKET-K			
F18158_HEKLA-RZ-LENS			
Bender Wirth: 442 Typ L8			

			
LED	LUXEON Fusion 27-up (20x24)		
Ordering code	CP19123_AMY-50-S-C2		
FWHM / FWTM	26.0° / 48.0°		
Efficiency	80 %		
LEDs/each optic	1		
Light colour	White		
Required components:			
C16142_HEKLA-SOCKET-K			
F18158_HEKLA-RZ-LENS			
Bender Wirth: 442 Typ L8			

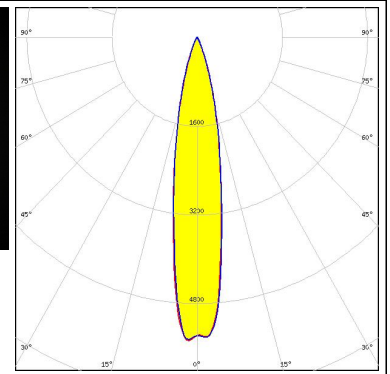
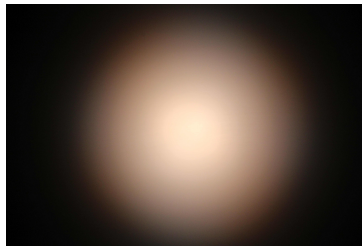
OPTICAL RESULTS (MEASURED):



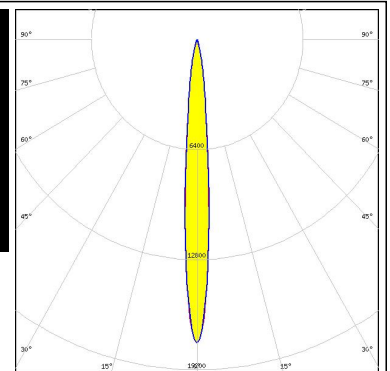
LED CTM-14 (Tunable White) Gen2
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 27.0° / 50.0°
Efficiency 86 %
LEDs/each optic 1
Light colour White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 442 Typ L8



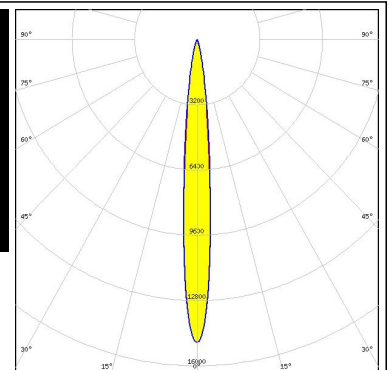
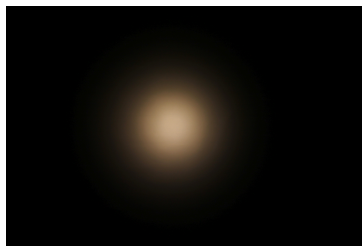
LED CTM-9 (Tunable White)
Ordering code CP19132_AMY-50-S-B2
FWHM / FWTM 19.0° / 41.0°
Efficiency 89 %
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 495 Typ B35L



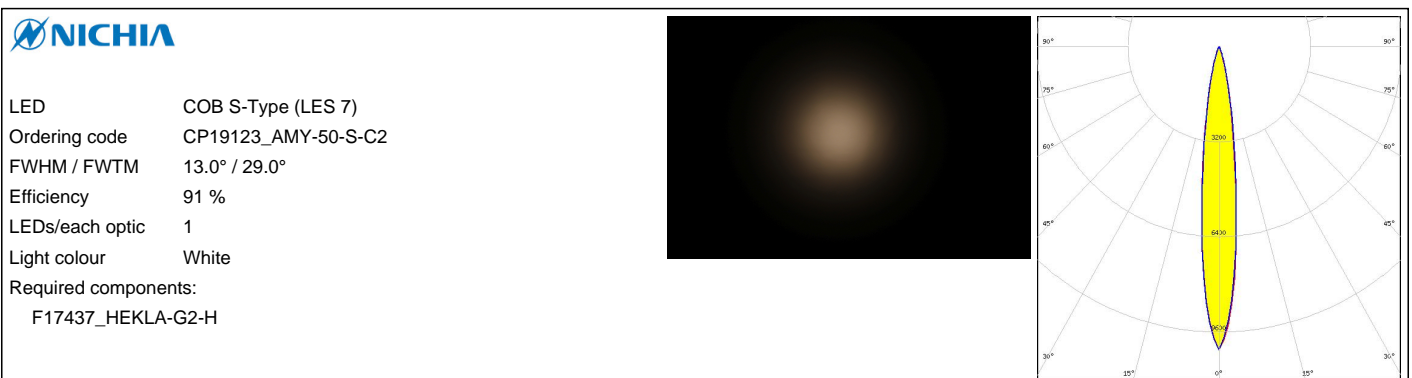
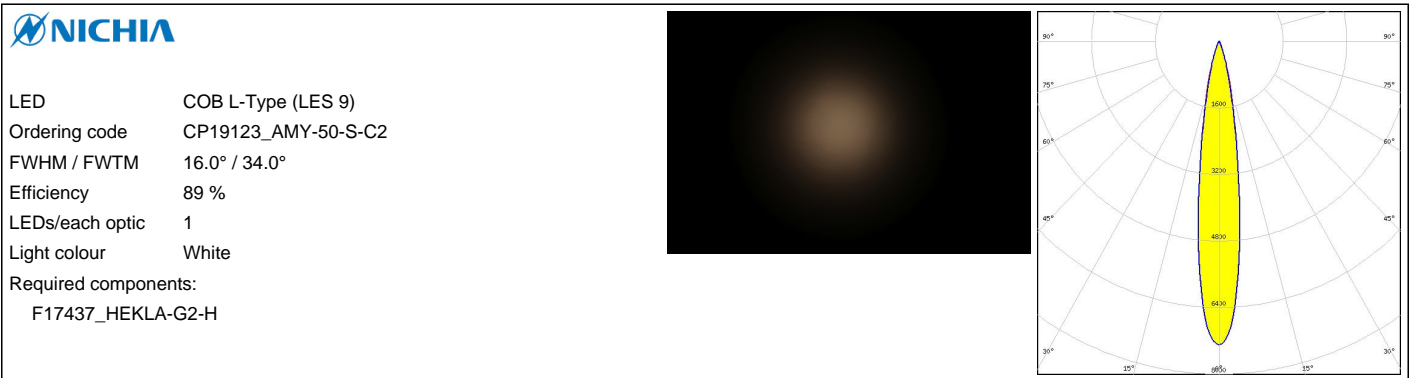
LED CXM-3
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 10.0° / 22.0°
Efficiency 91 %
LEDs/each optic 1
Light colour White
Required components:
 F17435_HEKLA-G2-C



LED CXM-4
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 10.0° / 24.0°
Efficiency 91 %
LEDs/each optic 1
Light colour White
Required components:
 F17435_HEKLA-G2-C



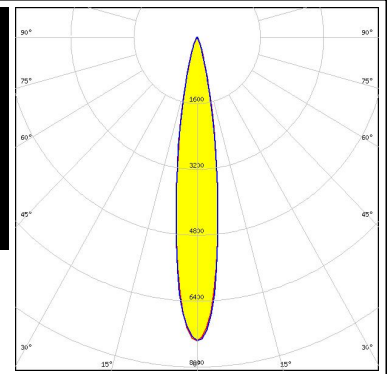
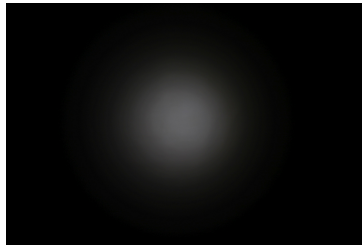
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (MEASURED):

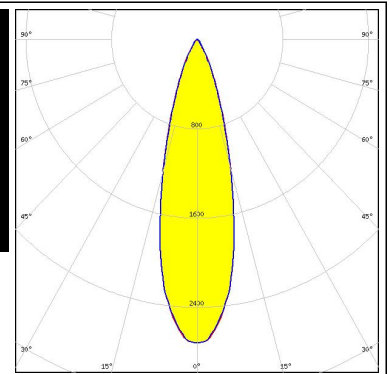
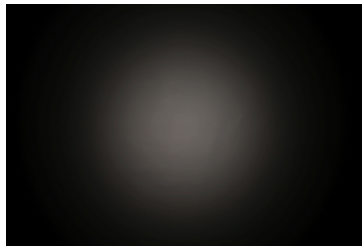
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 17.0° / 36.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



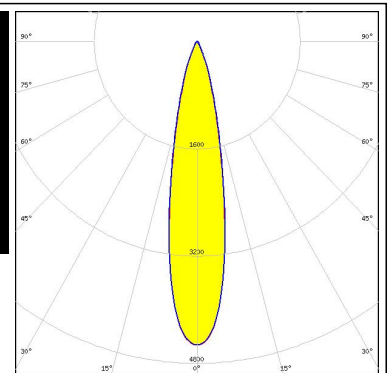
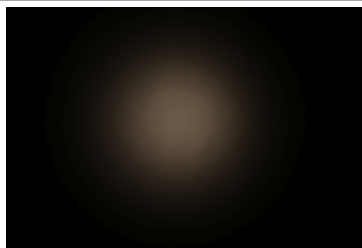
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 28.0° / 55.0°
 Efficiency 86 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I

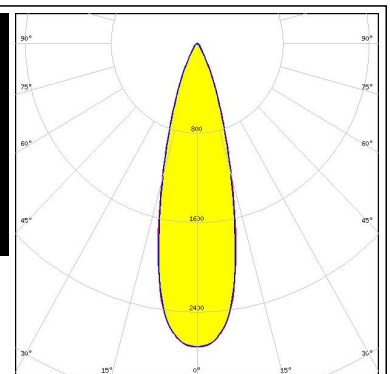
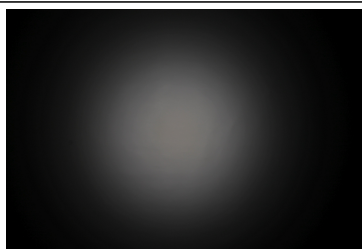


SAMSUNG

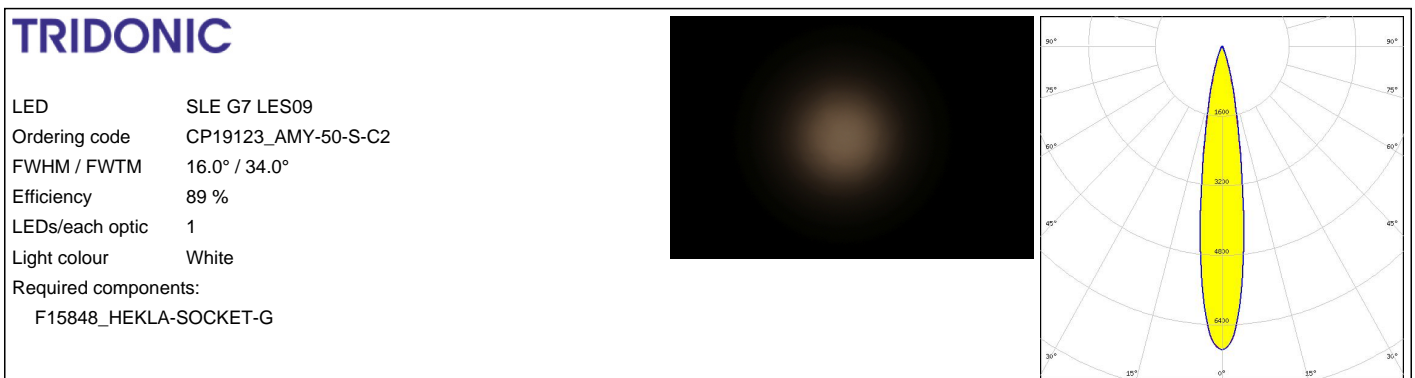
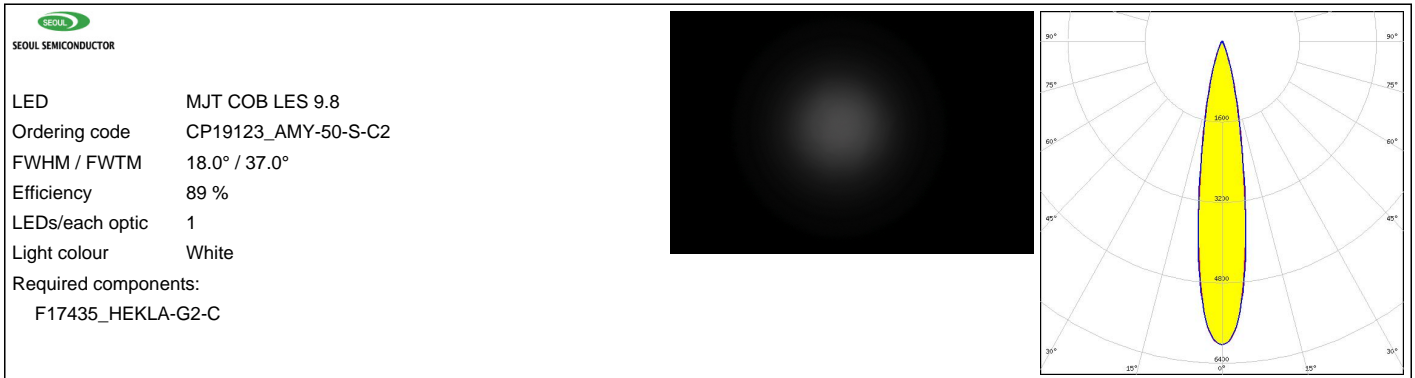
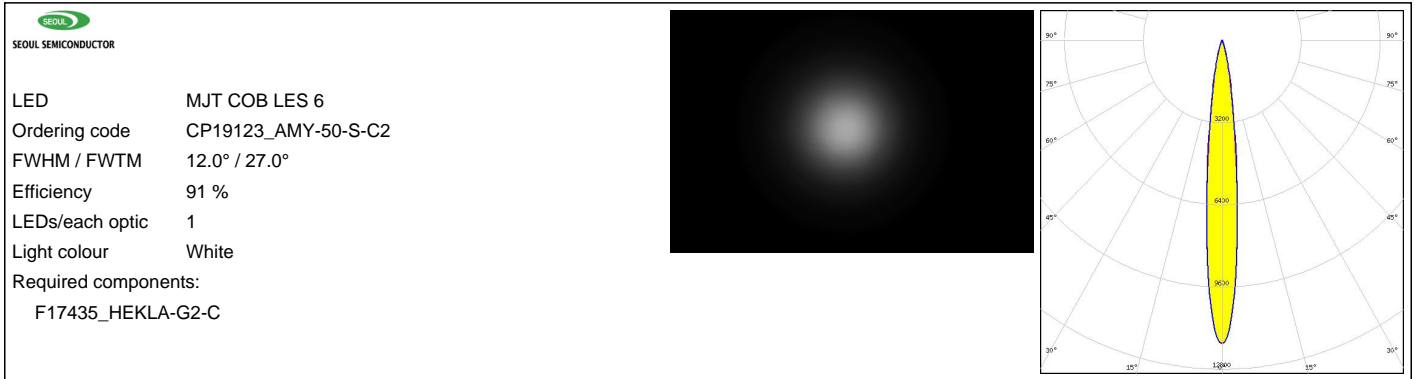
LED LC030C/040C G2
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 21.0° / 42.0°
 Efficiency 88 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



LED MJT COB LES 14.5
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 28.0° / 53.0°
 Efficiency 86 %
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



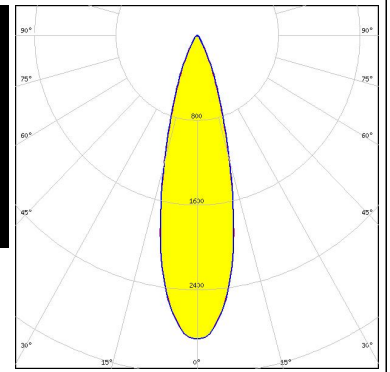
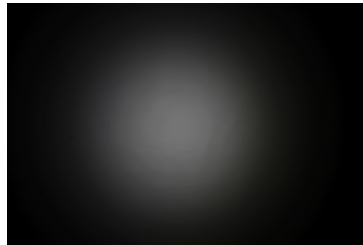
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (MEASURED):

TRIDONIC

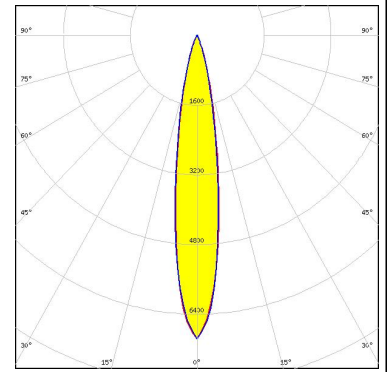
LED SLE G7 LES15
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 27.0° / 53.0°
Efficiency 86 %
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



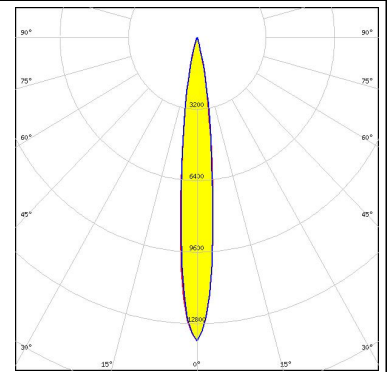
OPTICAL RESULTS (SIMULATED):



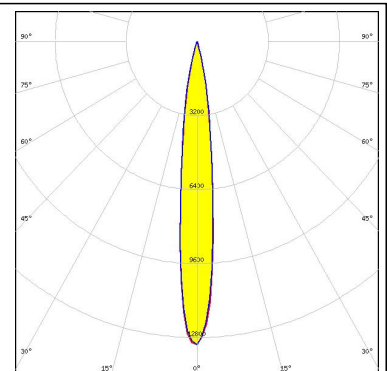
LED V10 Gen 8-9
Ordering code CP19132_AMY-50-S-B2
FWHM / FWTM 17.0° / 36.0°
Efficiency 89 %
Peak intensity 7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 BJB: 47.360.1020



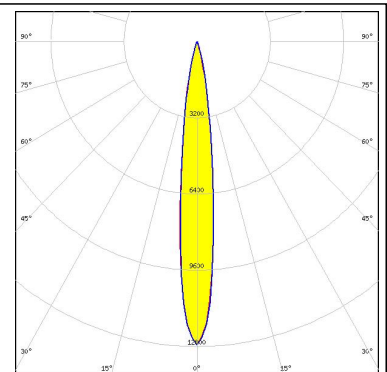
LED V3 HD Gen 8
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 12.0° / 26.0°
Efficiency 94 %
Peak intensity 13.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F15253_HEKLA-SOCKET-A



LED V3 HD Gen 8 FC
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 12.0° / 27.0°
Efficiency 94 %
Peak intensity 13.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F15255_HEKLA-SOCKET-C



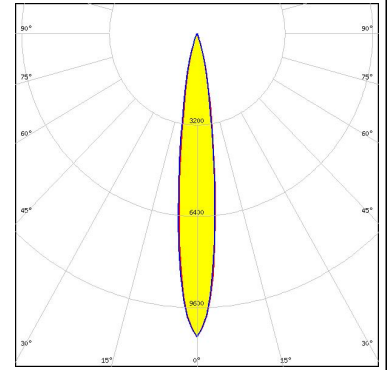
LED V4 HD Gen 8
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 13.0° / 28.0°
Efficiency 94 %
Peak intensity 12.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F15253_HEKLA-SOCKET-A



OPTICAL RESULTS (SIMULATED):

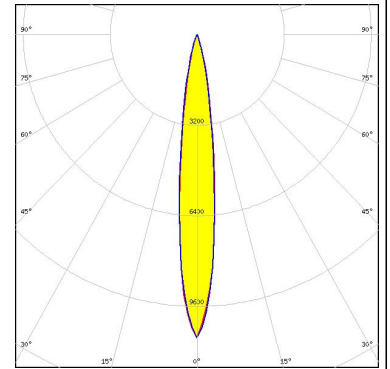
bridgelux

LED V6 Gen 8-9
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 14.0° / 30.0°
 Efficiency 93 %
 Peak intensity 10.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15253_HEKLA-SOCKET-A



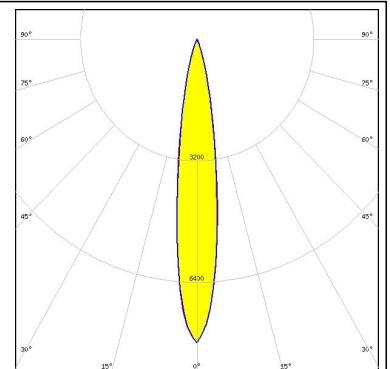
bridgelux

LED V6 HD Gen 8
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 14.0° / 30.0°
 Efficiency 93 %
 Peak intensity 10.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



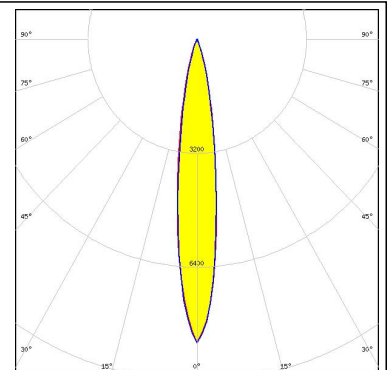
bridgelux

LED V8 Gen7
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 89 %
 Peak intensity 8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15253_HEKLA-SOCKET-A



bridgelux

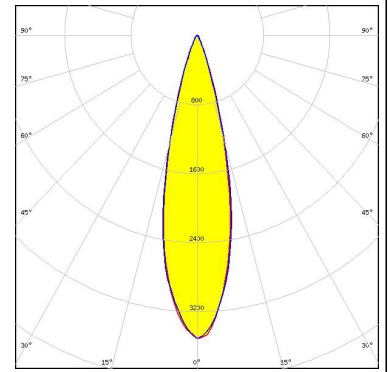
LED V9 HD Gen 8
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 92 %
 Peak intensity 8.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



OPTICAL RESULTS (SIMULATED):

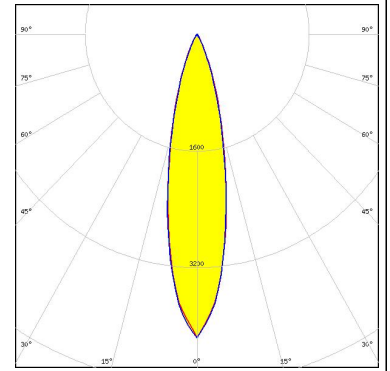
bridgelux

LED Vero SE 13
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 26.0° / 44.0°
 Efficiency 81 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K



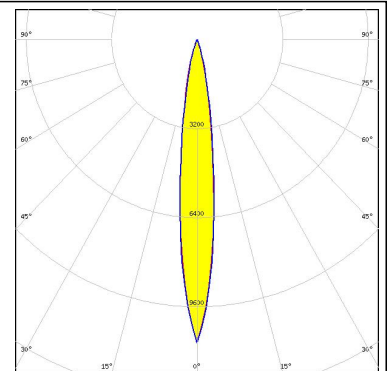
bridgelux

LED VERO13
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 23.0° / 47.0°
 Efficiency 91 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K



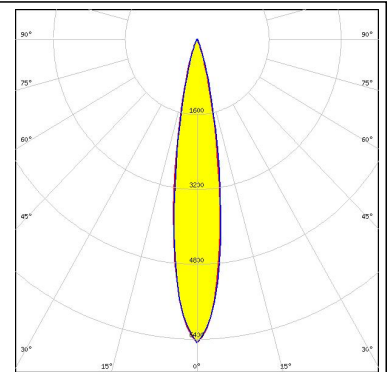
bridgelux

LED Vesta DTW 6mm
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 14.0° / 30.0°
 Efficiency 93 %
 Peak intensity 10.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 652b Hekla



bridgelux

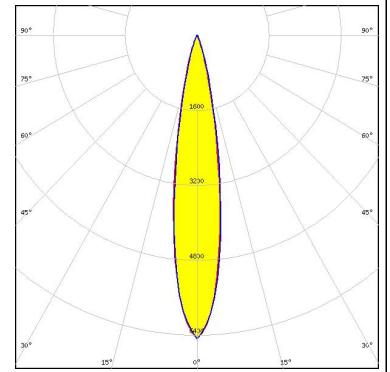
LED Vesta DTW 9mm (4W/6W/12W)
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 18.0° / 35.0°
 Efficiency 85 %
 Peak intensity 6.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F18158_HEKLA-RZ-LENS
 Bender Wirth: 652b Hekla



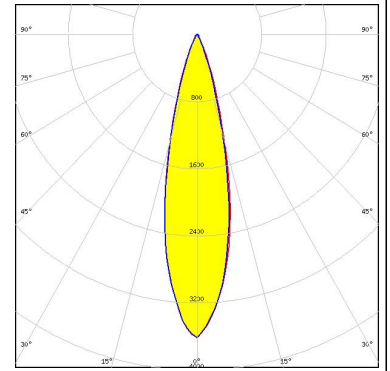
OPTICAL RESULTS (SIMULATED):



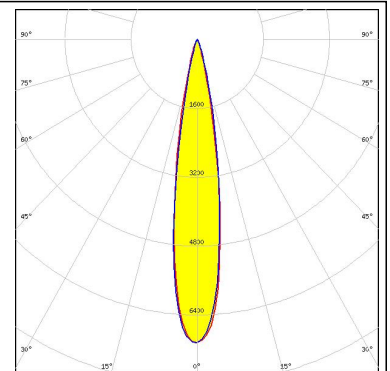
LED Vesta DTW 9mm (4W/6W/12W)
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 16.0° / 31.0°
Efficiency 90 %
Peak intensity 8.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 652b Hekla



LED Vesta SE 13mm TW
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 25.0° / 45.0°
Efficiency 82 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 C16142_HEKLA-SOCKET-K

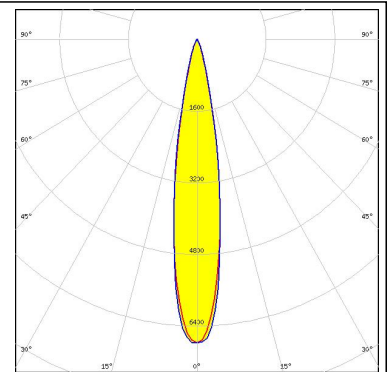


LED Vesta TW 9mm (12W) CSP
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 18.0° / 32.0°
Efficiency 81 %
Peak intensity 7.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C16142_HEKLA-SOCKET-K



CITIZEN

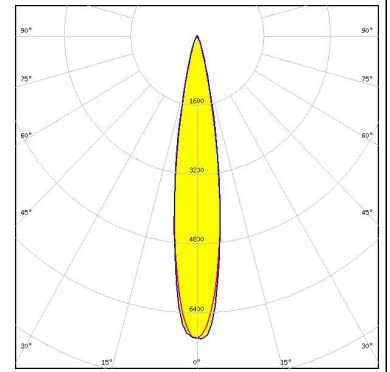
LED CLL02x/CLU02x (LES10)
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 18.0° / 34.0°
Efficiency 87 %
Peak intensity 6.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F15255_HEKLA-SOCKET-C



OPTICAL RESULTS (SIMULATED):

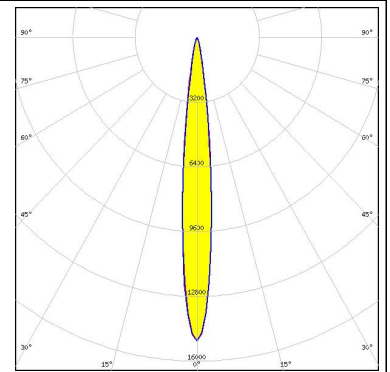
CITIZEN

LED CLL02x/CLU02x (LES10)
 Ordering code CP19132_AMY-50-S-B2
 FWHM / FWTM 18.0° / 33.0°
 Efficiency 90 %
 Peak intensity 7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



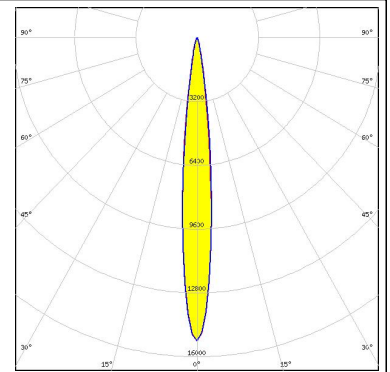
CITIZEN

LED CLU700/701/702/703
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 11.0° / 22.0°
 Efficiency 91 %
 Peak intensity 15 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



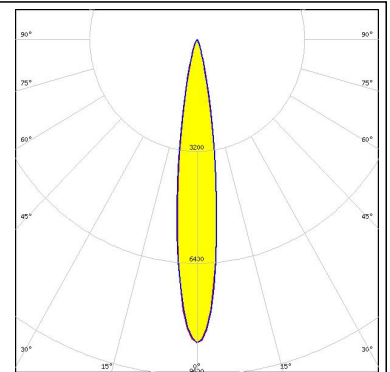
CITIZEN

LED CLU700/701/702/703
 Ordering code CP19132_AMY-50-S-B2
 FWHM / FWTM 12.1° / 22.1°
 Efficiency 92 %
 Peak intensity 15.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



CITIZEN

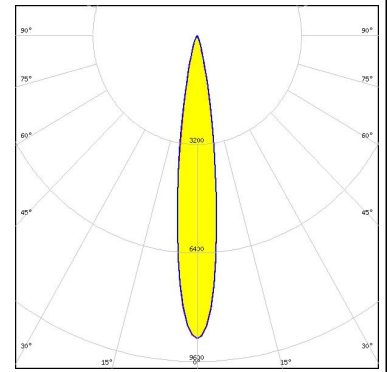
LED CLU710/711
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 16.0° / 30.0°
 Efficiency 89 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



OPTICAL RESULTS (SIMULATED):

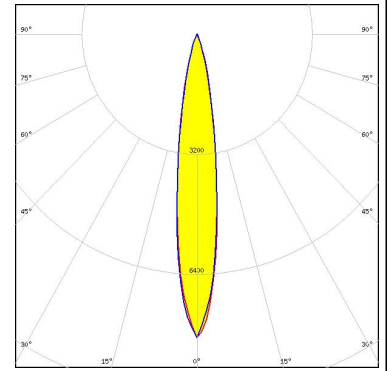
CITIZEN

LED CLU710/711
Ordering code CP19132_AMY-50-S-B2
FWHM / FWTM 15.1° / 30.2°
Efficiency 91 %
Peak intensity 8.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1010



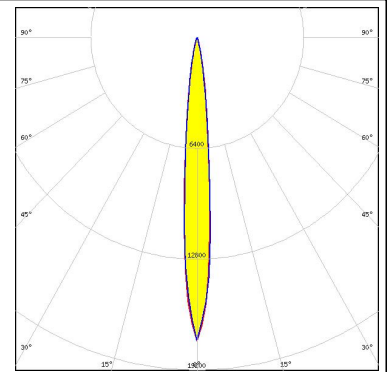
CITIZEN

LED CLU712/713
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 16.0° / 34.0°
Efficiency 90 %
Peak intensity 8.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



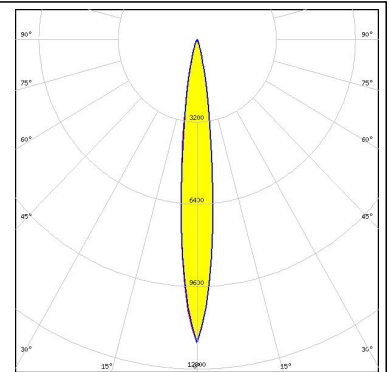
CREE LEDs

LED CHA0304
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 10.0° / 22.0°
Efficiency 91 %
Peak intensity 17.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



CREE LEDs

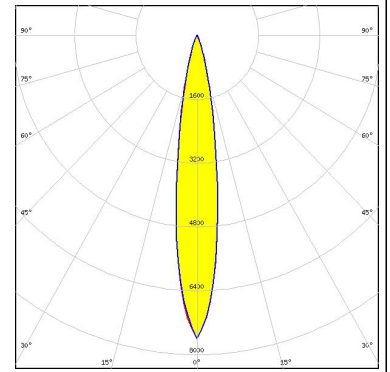
LED CHA0612
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 12.0° / 28.0°
Efficiency 91 %
Peak intensity 11.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



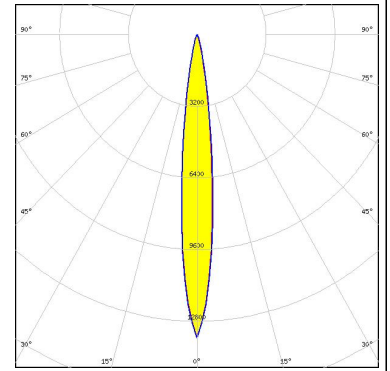
OPTICAL RESULTS (SIMULATED):



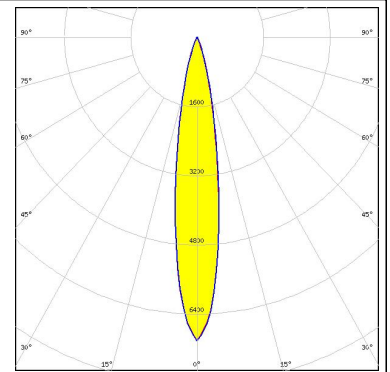
LED CHA0825
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 16.0° / 34.0°
Efficiency 90 %
Peak intensity 7.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17438_HEKLA-G2-I



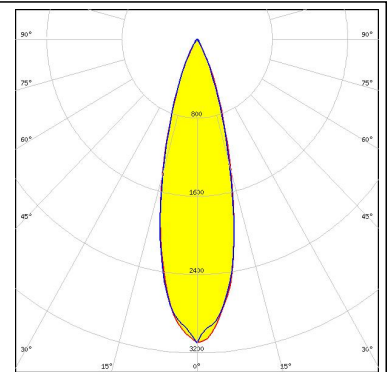
LED CMA1306
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 12.0° / 26.0°
Efficiency 94 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15956_HEKLA-SOCKET-J



LED CMU10xx
Ordering code CP19132_AMY-50-S-B2
FWHM / FWTM 16.0° / 36.0°
Efficiency 89 %
Peak intensity 7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1020



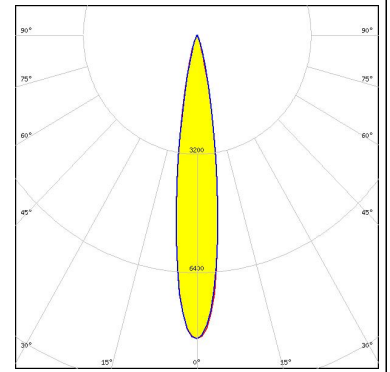
LED LUXEON CX Plus CoB L08 (Gen2)
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 28.0° / 52.0°
Efficiency 89 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 637a Hekla



OPTICAL RESULTS (SIMULATED):

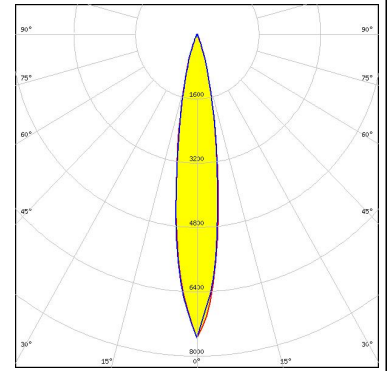
LUMILEDS

LED LUXEON CoB 1202/1203
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 16.0° / 30.0°
 Efficiency 88 %
 Peak intensity 8.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15858_HEKLA-SOCKET-H



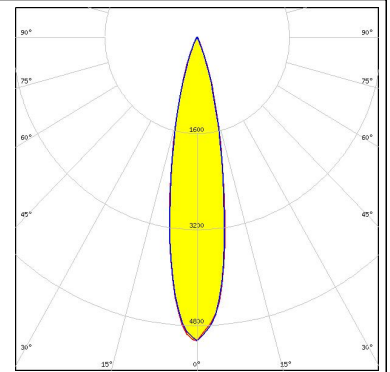
LUMILEDS

LED LUXEON CoB 1204HD
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 16.0° / 36.0°
 Efficiency 92 %
 Peak intensity 7.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15858_HEKLA-SOCKET-H



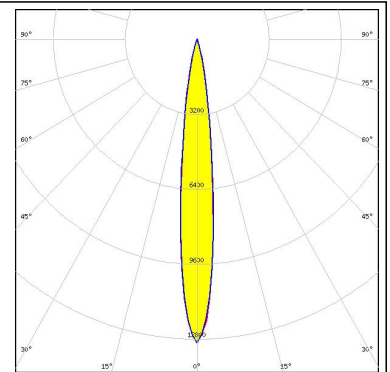
LUMILEDS

LED LUXEON CoB 1205HD
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 22.0° / 42.0°
 Efficiency 91 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15858_HEKLA-SOCKET-H



LUMILEDS

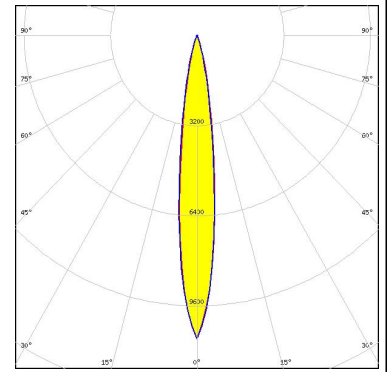
LED LUXEON CX Plus CoB - HD S01H4
 Ordering code CP19132_AMY-50-S-B2
 FWHM / FWTM 12.0° / 27.0°
 Efficiency 93 %
 Peak intensity 13 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 634c Bayonet35L



OPTICAL RESULTS (SIMULATED):

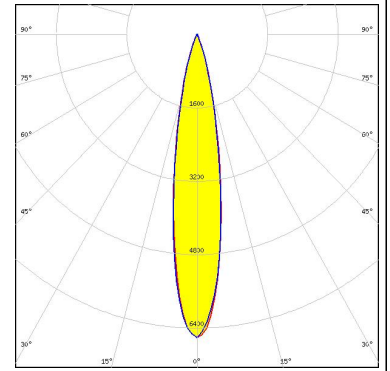
LUMILEDS

LED LUXEON CX Plus CoB - HD S02H6
 Ordering code CP19132_AMY-50-S-B2
 FWHM / FWTM 14.0° / 30.0°
 Efficiency 93 %
 Peak intensity 10.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 634c Bayonet35L



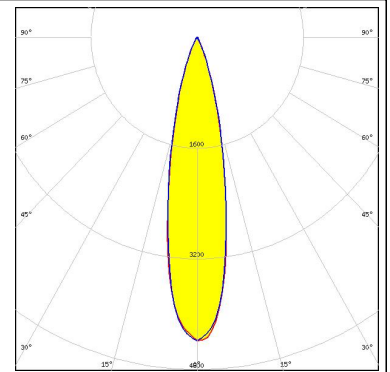
LUMILEDS

LED LUXEON CX Plus CoB - HD S04H9
 Ordering code CP19132_AMY-50-S-B2
 FWHM / FWTM 18.0° / 37.0°
 Efficiency 92 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 634a Bayonet35L



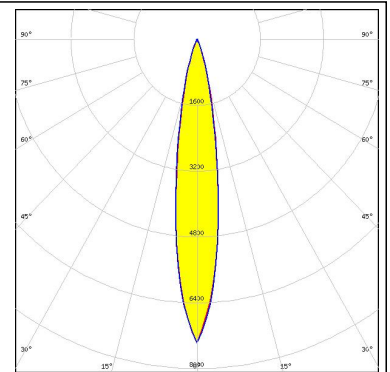
LUMILEDS

LED LUXEON CX Plus CoB L04 / L05 (Gen2)
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 22.0° / 44.0°
 Efficiency 89 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15254_HEKLA-SOCKET-B



LUMILEDS

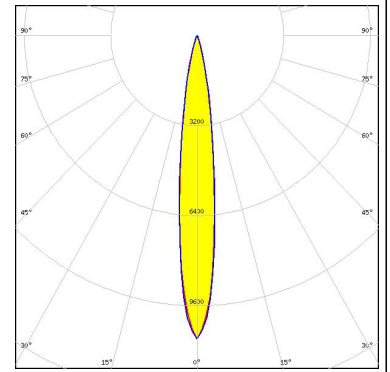
LED LUXEON CX Plus CoB M02 / M03 (Gen2)
 Ordering code CP19123_AMY-50-S-C2
 FWHM / FWTM 16.0° / 36.0°
 Efficiency 91 %
 Peak intensity 7.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15256_HEKLA-SOCKET-D



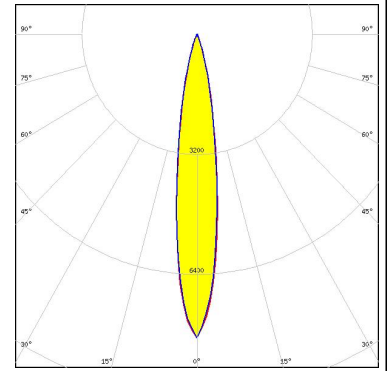
OPTICAL RESULTS (SIMULATED):



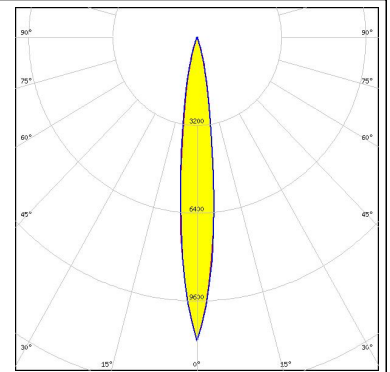
LED LUXEON CX Plus CoB S01 (Gen2)
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 14.0° / 30.0°
Efficiency 92 %
Peak intensity 10.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F15956_HEKLA-SOCKET-J



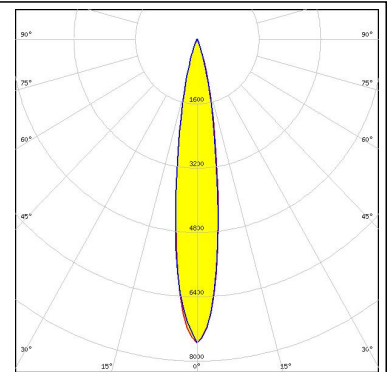
LED CHM-9 XH (19x19)
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 16.0° / 34.0°
Efficiency 91 %
Peak intensity 8.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F15859_HEKLA-SOCKET-I



LED CTM-6 (Tunable White) Gen2
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 14.0° / 30.0°
Efficiency 92 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 495 Typ L8



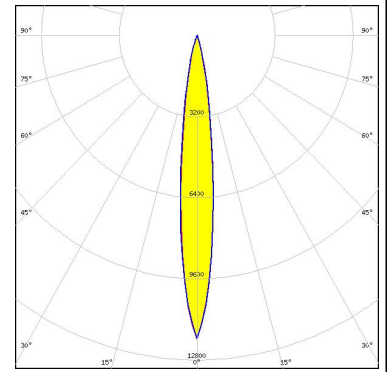
LED CTM-9 (Tunable White) Gen2
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 16.0° / 34.0°
Efficiency 90 %
Peak intensity 7.5 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 495 Typ L8



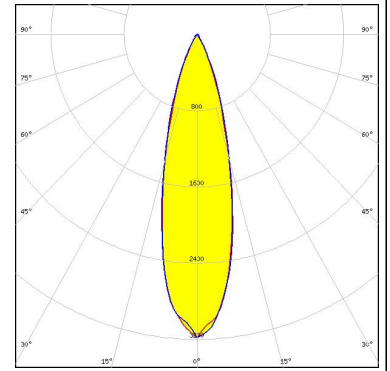
OPTICAL RESULTS (SIMULATED):



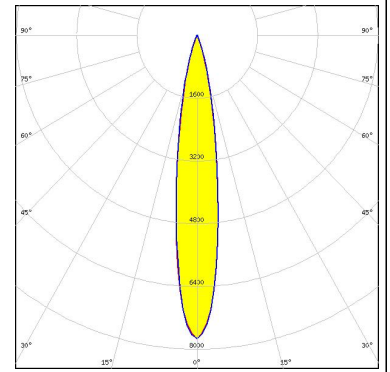
LED CxM-6 (13.5x13.5)
Ordering code CP19132_AMY-50-S-B2
FWHM / FWTM 13.0° / 28.0°
Efficiency 92 %
Peak intensity 12 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 BJB: 47.360.1020



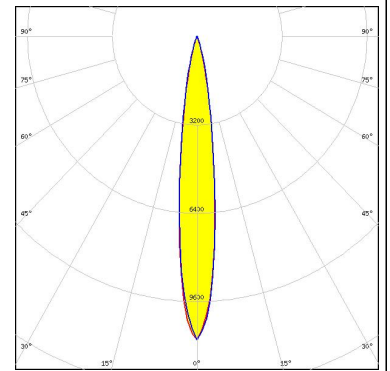
LED COB J-Type
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 27.0° / 52.0°
Efficiency 89 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 663a Hekla XL



LED COB L-Type (LES 9)
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 16.0° / 34.0°
Efficiency 92 %
Peak intensity 7.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F15858_HEKLA-SOCKET-H



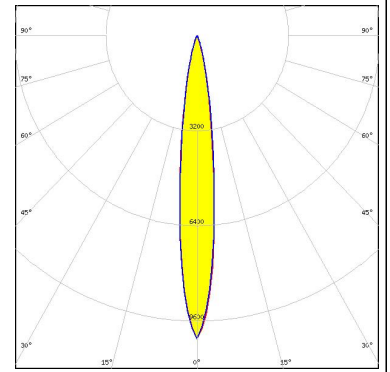
LED COB S-Type (LES 6)
Ordering code CP19132_AMY-50-S-B2
FWHM / FWTM 14.0° / 30.0°
Efficiency 93 %
Peak intensity 11 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 652a Bayonet35L



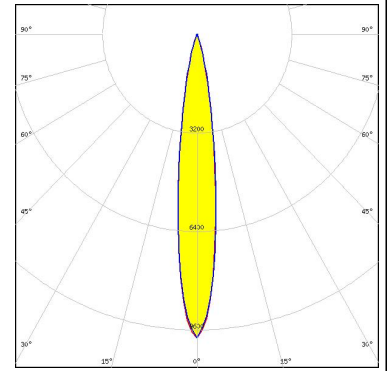
OPTICAL RESULTS (SIMULATED):



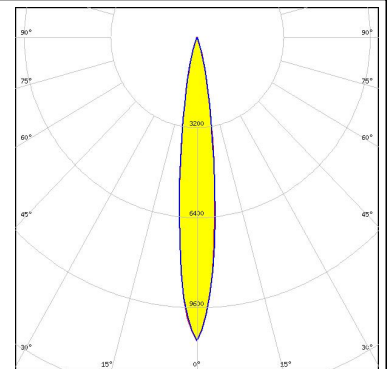
LED COB S-Type (LES 7)
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 14.0° / 30.0°
Efficiency 89 %
Peak intensity 10.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 652a Hekla



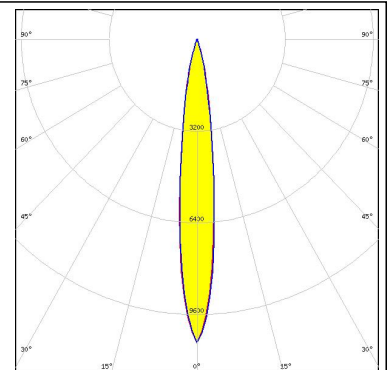
LED COB S-Type (LES 7)
Ordering code CP19132_AMY-50-S-B2
FWHM / FWTM 14.0° / 30.0°
Efficiency 93 %
Peak intensity 9.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 652a Bayonet35L



LED COB T-Type
Ordering code CP19132_AMY-50-S-B2
FWHM / FWTM 14.0° / 30.0°
Efficiency 93 %
Peak intensity 10.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 652a Bayonet35L



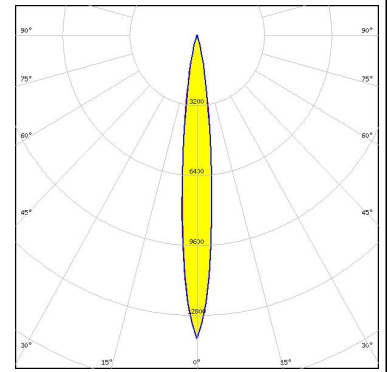
LED NJCWL024Z-V1MT: COB L-Type Tunable White
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 14.0° / 30.0°
Efficiency 91 %
Peak intensity 10.6 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 497 Typ L8 HV



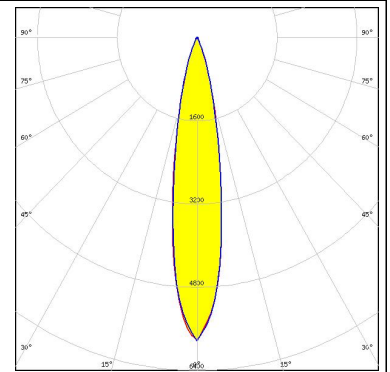
OPTICAL RESULTS (SIMULATED):



LED NJNWS012Z-V1MT: COB S-Type Tunable White
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 12.0° / 26.0°
Efficiency 92 %
Peak intensity 13.9 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 495 Typ L8 HV

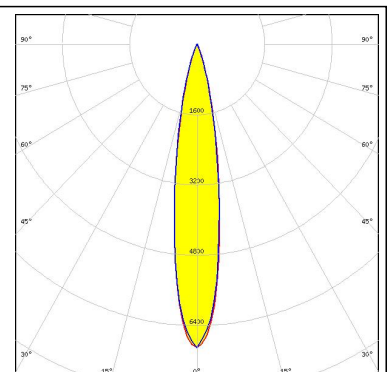


LED NVCWJ024Z-V1MT: COB J-Type Tunable White
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 18.0° / 38.0°
Efficiency 90 %
Peak intensity 5.8 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 498 Typ L8 HV



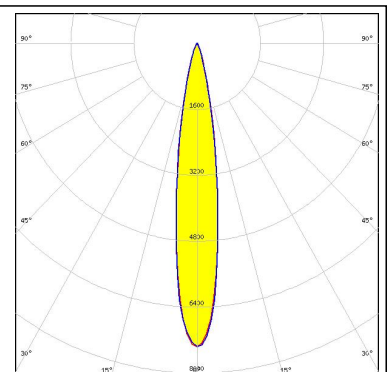
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
Ordering code CP19132_AMY-50-S-B2
FWHM / FWTM 18.0° / 36.0°
Efficiency 91 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 BJB: 47.360.1020



SAMSUNG

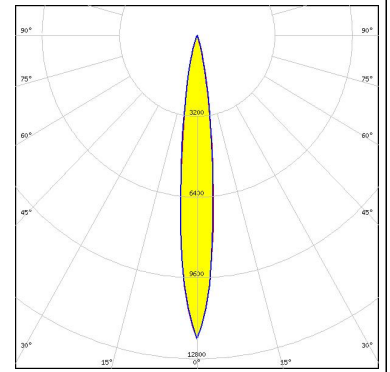
LED LC003D / LC006D / LC009D / LC013D
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 16.0° / 32.0°
Efficiency 87 %
Peak intensity 7.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 F15255_HEKLA-SOCKET-C



OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LC010C G2
Ordering code CP19132_AMY-50-S-B2
FWHM / FWTM 12.0° / 28.0°
Efficiency 92 %
Peak intensity 12 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1020

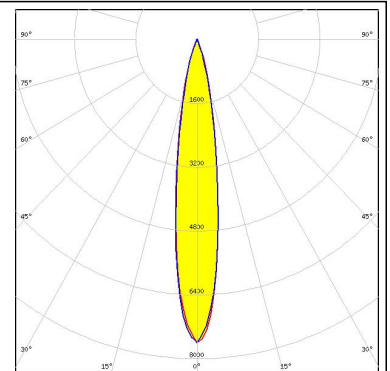


SAMSUNG

LED LC010T (Tunable White)
Ordering code CP19123_AMY-50-S-C2
FWHM / FWTM 15.0° / 32.0°
Efficiency 91 %
Peak intensity 8.9 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 501 Typ L8

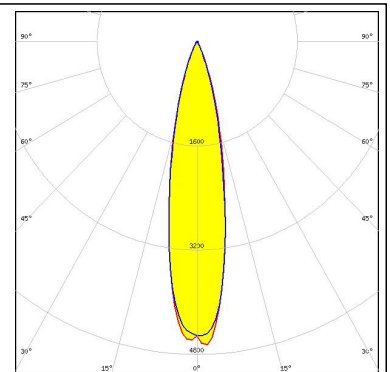
SAMSUNG

LED LC020C G2
Ordering code CP19132_AMY-50-S-B2
FWHM / FWTM 16.0° / 35.0°
Efficiency 90 %
Peak intensity 7.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1010

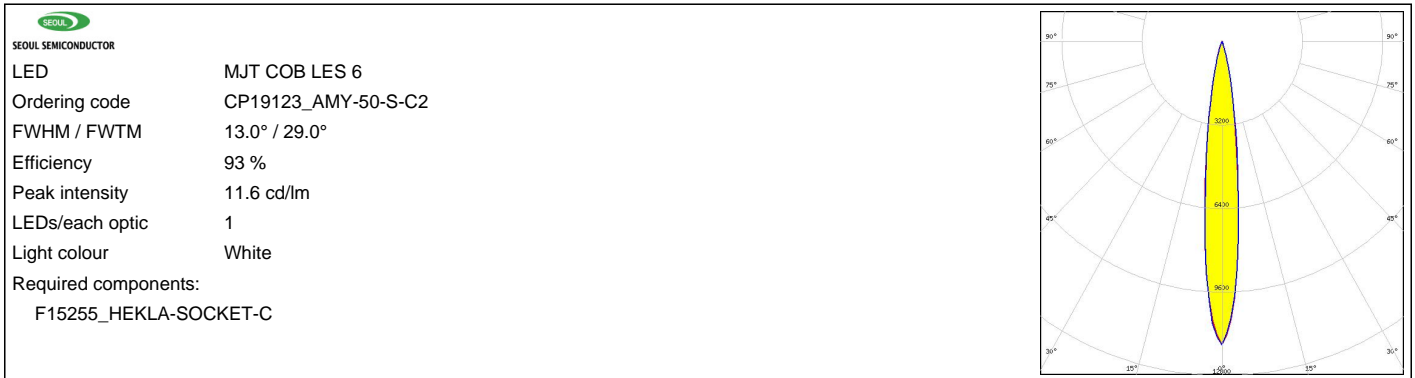


SAMSUNG

LED LC030C/040C G2
Ordering code CP19132_AMY-50-S-B2
FWHM / FWTM 22.0° / 44.0°
Efficiency 88 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1010



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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