

AMY-70-S

~18° spot beam

SPECIFICATION:

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

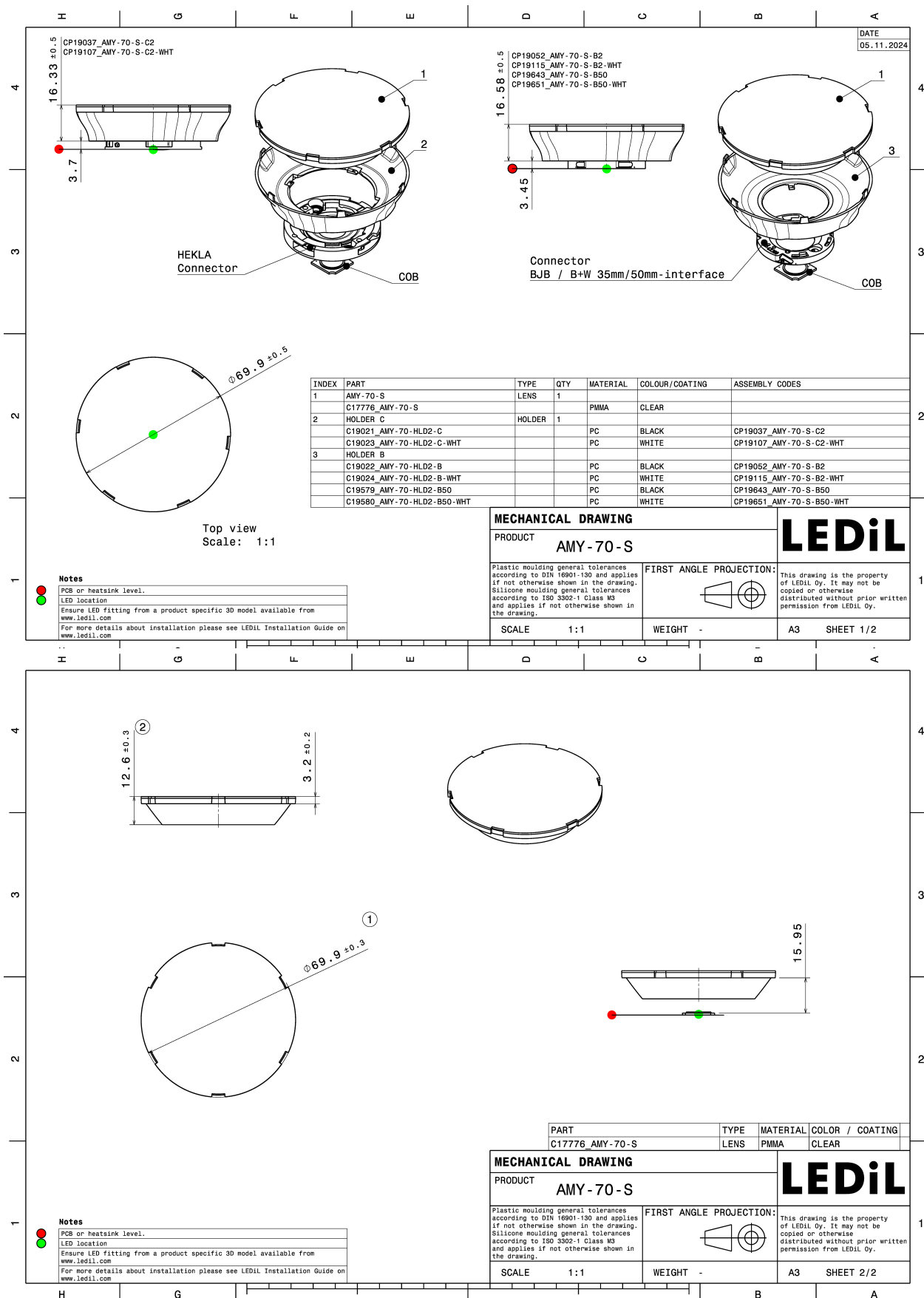
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
AMY-70-S	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		
AMY-70-HLD2-B50	Holder B	PC	black		
AMY-70-HLD2-B50-WHT	Holder B	PC	white		



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17776_AMY-70-S	285	285	15	9.2
Assembly				
CP19651_AMY-70-S-B50-WHT	210	210	15	8.6
CP19643_AMY-70-S-B50	210	210	15	8.4
CP19115_AMY-70-S-B2-WHT	210	210	15	8.7
CP19107_AMY-70-S-C2-WHT	210	210	15	8.4
CP19052_AMY-70-S-B2	210	210	15	8.7
CP19037_AMY-70-S-C2	210	210	15	8.4

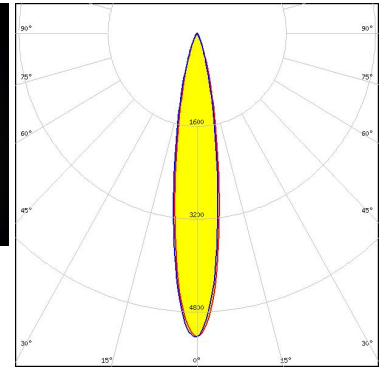
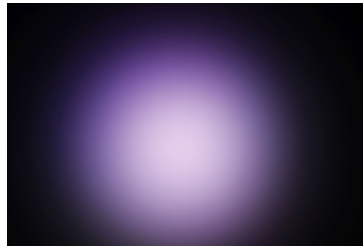


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



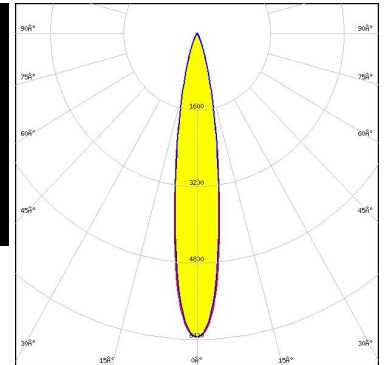
LED BXRV-D10-RGBW2000-A3
Ordering code CP19037_AMY-70-S-C2
FWHM / FWTM 17.0° / 37.0°
Efficiency 79 %
Peak intensity 5.2 cd/lm
LEDs/each optic 28
Light colour/type RGBW
Required components:
 C19950_HEKLA-SOCKET-RZ



Light distribution files



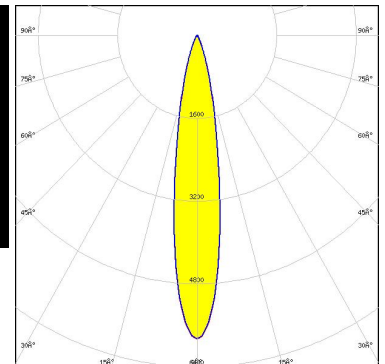
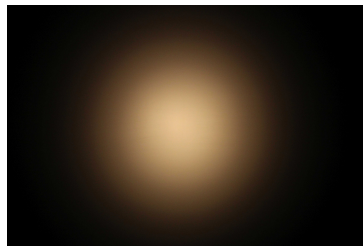
LED V10 Gen 8-9
Ordering code CP19037_AMY-70-S-C2
FWHM / FWTM 17.0° / 37.0°
Efficiency 92 %
LEDs/each optic 1
Light colour/type White
Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



LED V11 HD Gen 8
Ordering code CP19037_AMY-70-S-C2
FWHM / FWTM 18.0° / 38.0°
Efficiency 91 %
LEDs/each optic 1
Light colour/type White
Required components:
 Bender Wirth: 633d Hekla

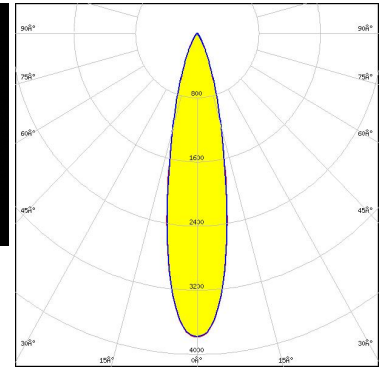
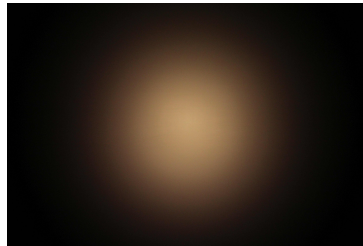


Light distribution files

OPTICAL RESULTS (MEASURED):



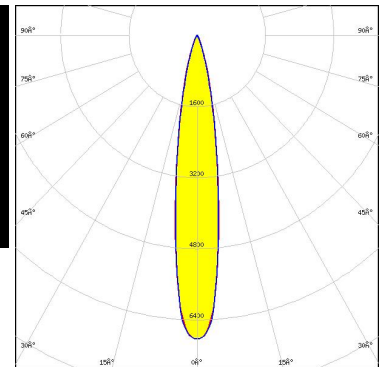
LED V13 Gen 8-9
Ordering code CP19037_AMY-70-S-C2
FWHM / FWTM 23.0° / 48.0°
Efficiency 90 %
LEDs/each optic 1
Light colour/type White
Required components:
F15859_HEKLA-SOCKET-I



Light distribution files



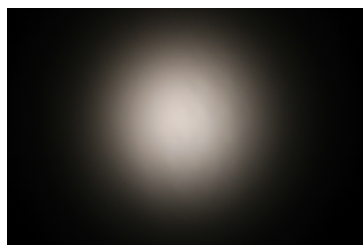
LED V8 Gen 8-9
Ordering code CP19037_AMY-70-S-C2
FWHM / FWTM 17.0° / 36.0°
Efficiency 93 %
LEDs/each optic 1
Light colour/type White
Required components:
F15253_HEKLA-SOCKET-A



Light distribution files

CITIZEN

LED CLU02x (LES10)
Ordering code CP19037_AMY-70-S-C2
FWHM / FWTM 17.0° / 36.0°
Efficiency 90 %
LEDs/each optic 1
Light colour/type White
Required components:
F17435_HEKLA-G2-C

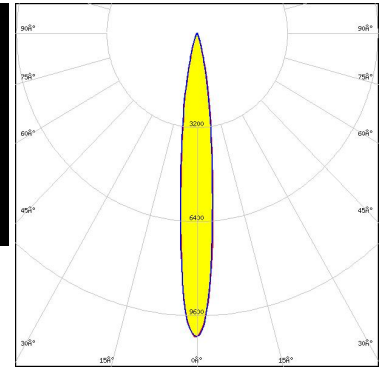


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

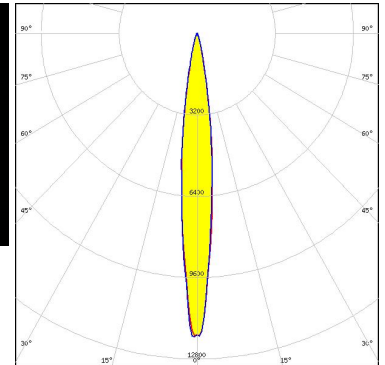
LED CLU700/701/702/703
 Ordering code CP19052_AMY-70-S-B2
 FWHM / FWTM 13.0° / 29.0°
 Efficiency 93 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 BJB: 47.360.1020



Light distribution files

CITIZEN

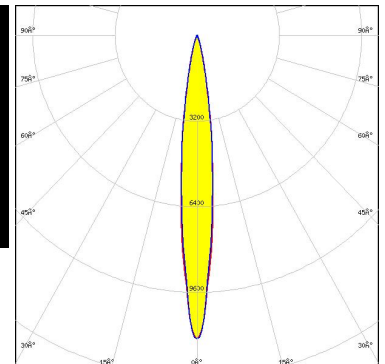
LED CLU7L3
 Ordering code CP19052_AMY-70-S-B2
 FWHM / FWTM 12.0° / 27.0°
 Efficiency 93 %
 Peak intensity 12.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19425_SOCKET-B-35-N



Light distribution files

CITIZEN

LED CLU7S3
 Ordering code CP19052_AMY-70-S-B2
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 93 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 667a Bayonet35

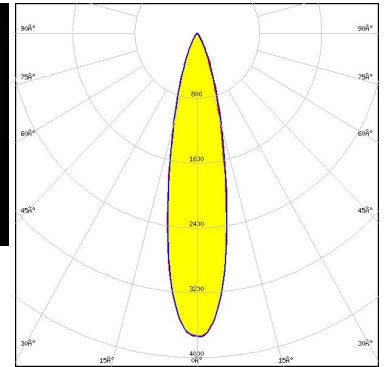
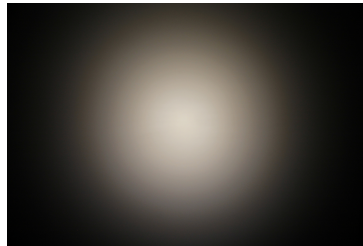


Light distribution files

OPTICAL RESULTS (MEASURED):



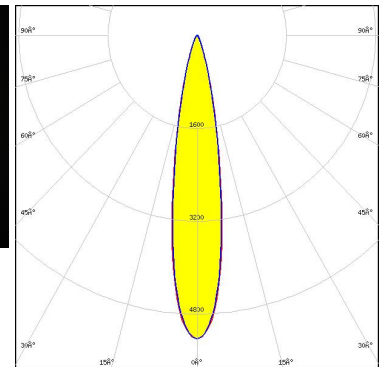
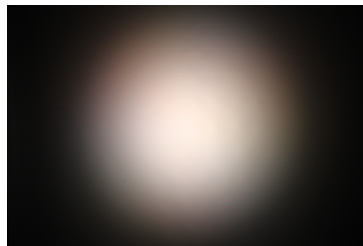
LED CMU15xx
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 23.0° / 48.0°
 Efficiency 88 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files



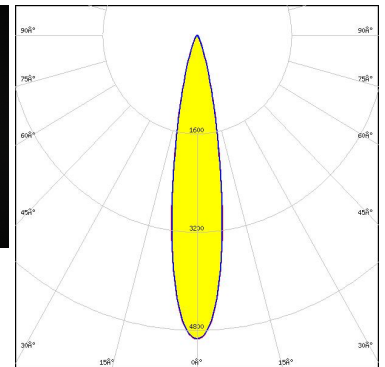
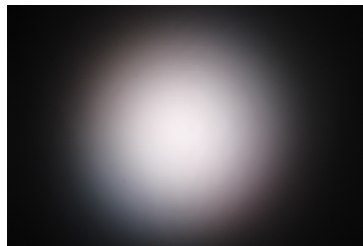
LED LUXEON Fusion 12-up (20x24)
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 19.0° / 38.0°
 Efficiency 84 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS
 Bender Wirth: 442 Typ L8



Light distribution files



LED LUXEON Fusion 21-up (20x24)
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 19.0° / 38.0°
 Efficiency 82 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS
 Bender Wirth: 442 Typ L8

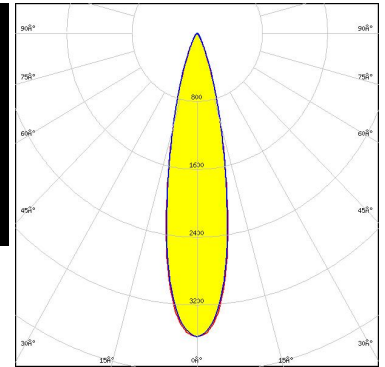


Light distribution files

OPTICAL RESULTS (MEASURED):



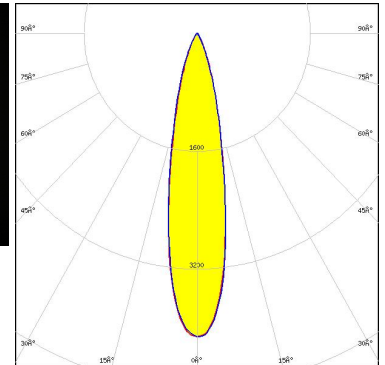
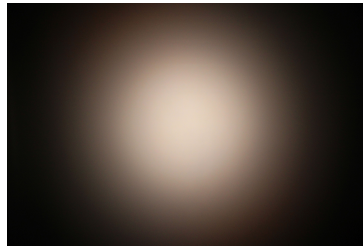
LED LUXEON Fusion 27-up (20x24)
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 23.0° / 45.0°
 Efficiency 82 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS
 Bender Wirth: 442 Typ L8



Light distribution files



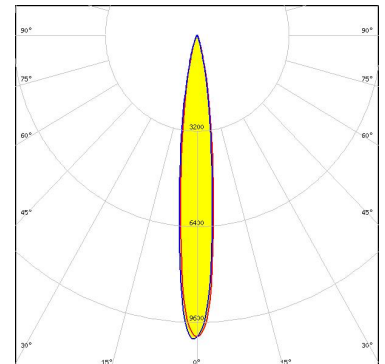
LED CTM-14 (Tunable White) Gen2
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 22.0° / 46.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 442 Typ L8



Light distribution files



LED Fortimo SLM C TW L06A 1313 G7N
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 13.0° / 29.0°
 Efficiency 92 %
 Peak intensity 10.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 508 Typ L8

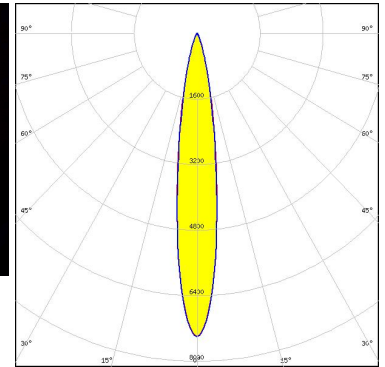


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

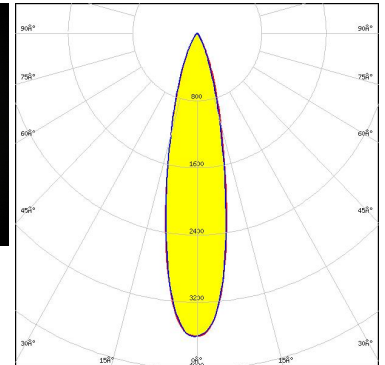
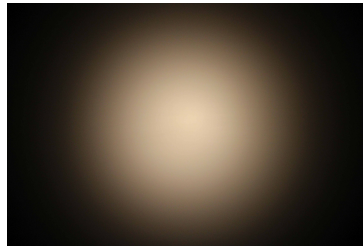
LED Fortimo SLM C TW L09A 1919 G7N
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 16.0° / 35.0°
 Efficiency 92 %
 Peak intensity 7.4 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 501 Typ L8



Light distribution files

SAMSUNG

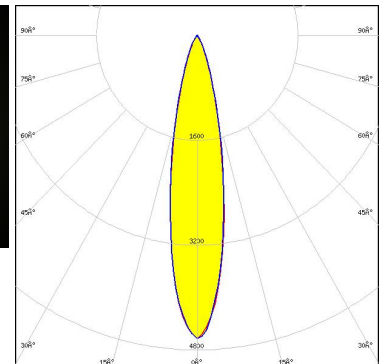
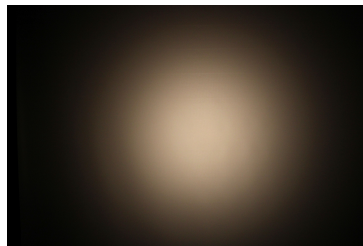
LED LC016D / LC019D / LC026D / LC033D
 Ordering code C17776_AMY-70-S
 FWHM / FWTM 23.0° / 49.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 23.0° / 49.0°
 Efficiency 88 %
 LEDs/each optic 1
 Light colour/type White
 Required components:



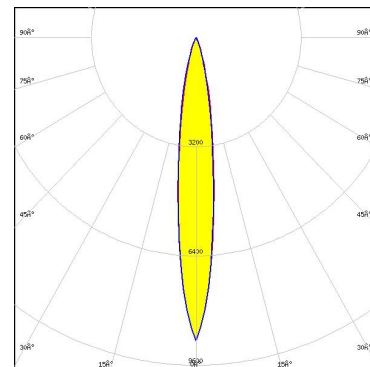
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED V10 Gen 8-9
Ordering code CP19052_AMY-70-S-B2
FWHM / FWTM 14.0° / 33.0°
Efficiency 92 %
Peak intensity 8.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

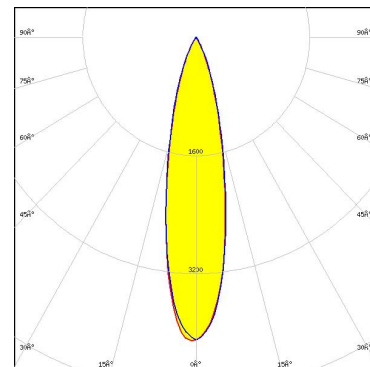
BJB: 47.360.1020



Light distribution files



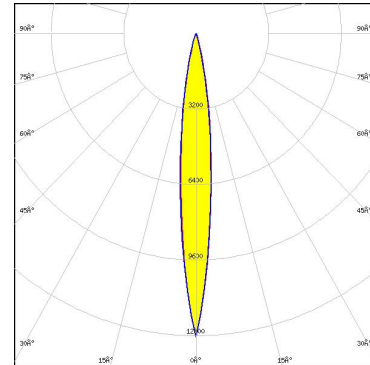
LED V13 Gen7
Ordering code CP19037_AMY-70-S-C2
FWHM / FWTM 23.0° / 48.0°
Efficiency 92 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED V6 HD Gen 8
Ordering code CP19037_AMY-70-S-C2
FWHM / FWTM 12.0° / 28.0°
Efficiency 94 %
Peak intensity 12.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

Bender Wirth: 634c Hekla

OPTICAL RESULTS (SIMULATED):

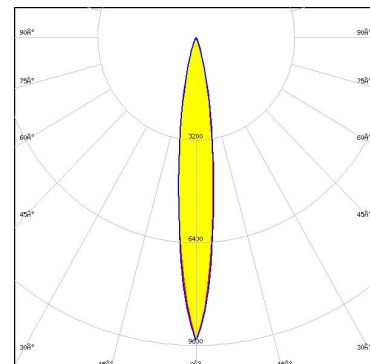


LED V8 Gen 8-9
 Ordering code C17776_AMY-70-S
 FWHM / FWTM 12.0° / 30.0°
 Efficiency 96 %
 Peak intensity 11.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



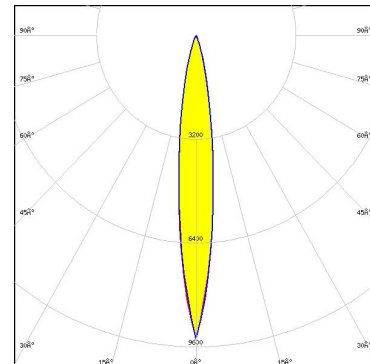
LED V8 Gen7
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 91 %
 Peak intensity 9.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15253_HEKLA-SOCKET-A



Light distribution files



LED VERO10
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 91 %
 Peak intensity 9.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15616_HEKLA-SOCKET-F

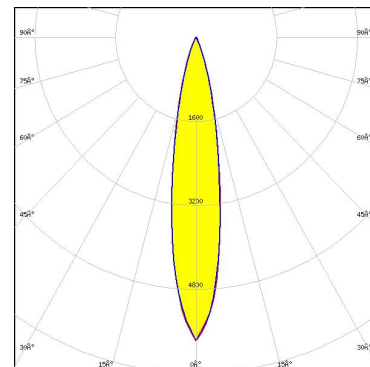


Light distribution files

OPTICAL RESULTS (SIMULATED):



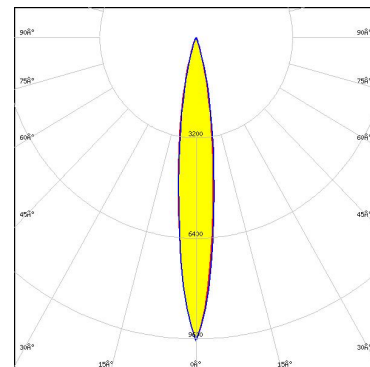
LED VERO13
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 18.0° / 40.0°
 Efficiency 89 %
 Peak intensity 5.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K



Light distribution files



LED Vesta DTW 9mm (4W/6W/12W)
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 91 %
 Peak intensity 9.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

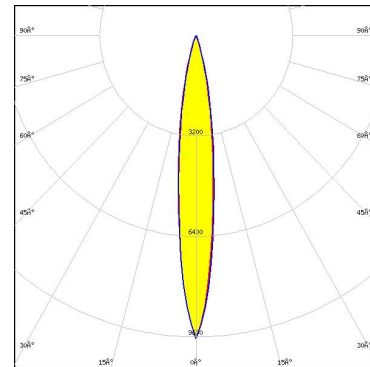


Bender Wirth: 652b Hekla

Light distribution files



LED Vesta DTW 9mm (4W/6W/12W)
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 18.0° / 36.0°
 Efficiency 87 %
 Peak intensity 6.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F18158_HEKLA-RZ-LENS



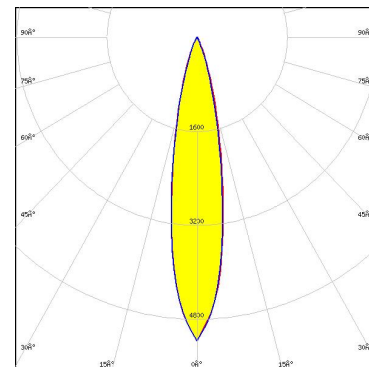
Light distribution files

Bender Wirth: 652b Hekla

OPTICAL RESULTS (SIMULATED):



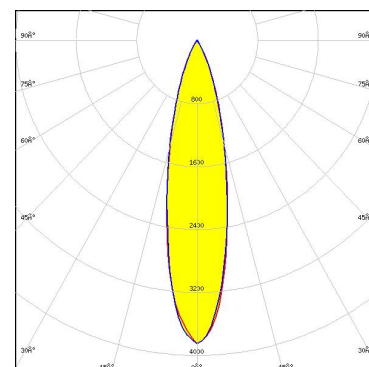
LED Vesta SE 13mm TW
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 20.0° / 41.0°
 Efficiency 87 %
 Peak intensity 5.2 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K



Light distribution files

CITIZEN

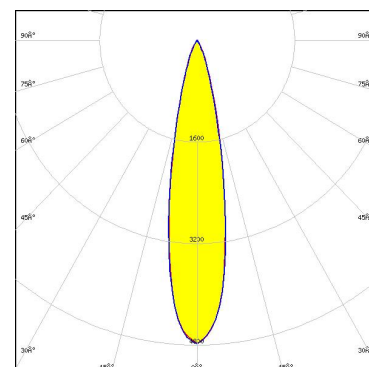
LED CLU03Q Type-F
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 24.0° / 50.0°
 Efficiency 92 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files

CITIZEN

LED CLU03x
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 22.0° / 42.0°
 Efficiency 89 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files

OPTICAL RESULTS (SIMULATED):

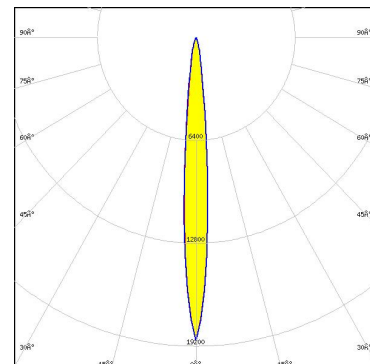
CITIZEN

LED	CLU700/701/702/703
Ordering code	CP19037_AMY-70-S-C2
FWHM / FWTM	10.0° / 22.0°
Efficiency	92 %
Peak intensity	17.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F15255_HEKLA-SOCKET-C

Light distribution files

CITIZEN

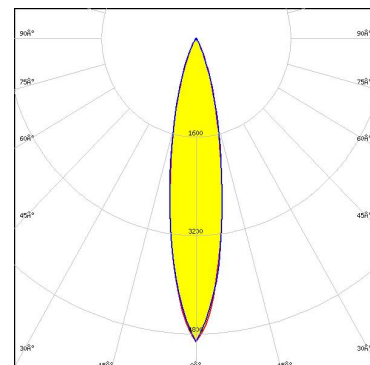
LED	CLU700/701/702/703
Ordering code	CP19037_AMY-70-S-C2
FWHM / FWTM	10.0° / 20.0°
Efficiency	93 %
Peak intensity	18.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F15255_HEKLA-SOCKET-C



Light distribution files

CITIZEN

LED	CLU733 Type-F
Ordering code	CP19037_AMY-70-S-C2
FWHM / FWTM	20.0° / 46.0°
Efficiency	93 %
Peak intensity	4.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



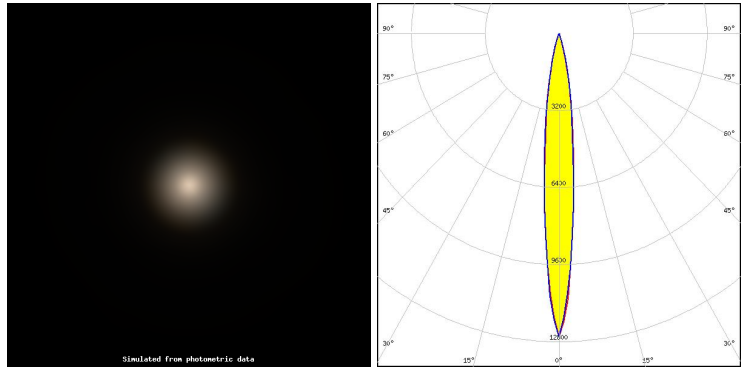
Light distribution files

Bender Wirth: 631b Hekla XL

OPTICAL RESULTS (SIMULATED):

CITIZEN

LED CLUD22
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 93 %
 Peak intensity 12.6 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

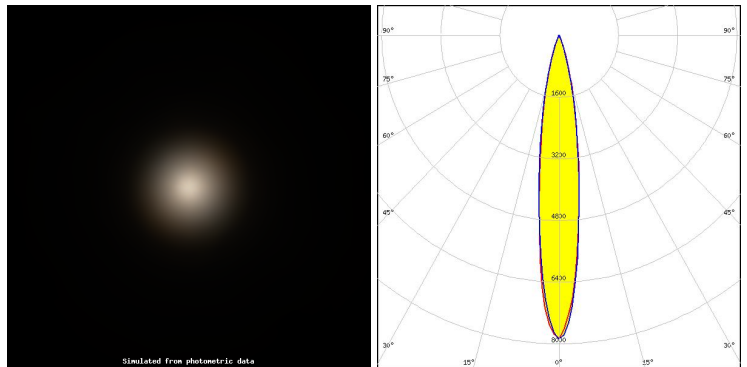


Light distribution files

Bender Wirth: 444 Typ L8

CITIZEN

LED CLUD32
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 16.0° / 35.0 + 34.0°
 Efficiency 92 %
 Peak intensity 7.9 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

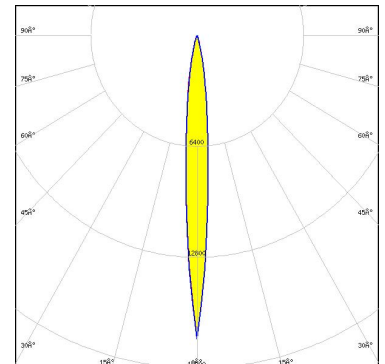


Light distribution files

Bender Wirth: 445 Typ L8



LED CHA0410
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 8.0° / 24.0°
 Efficiency 93 %
 Peak intensity 17.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C

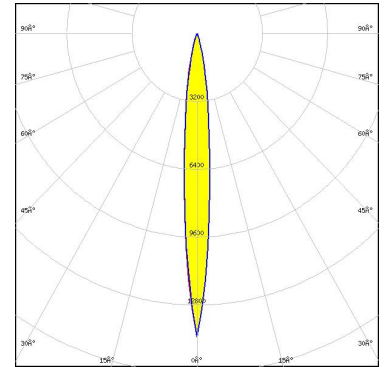


Light distribution files

OPTICAL RESULTS (SIMULATED):



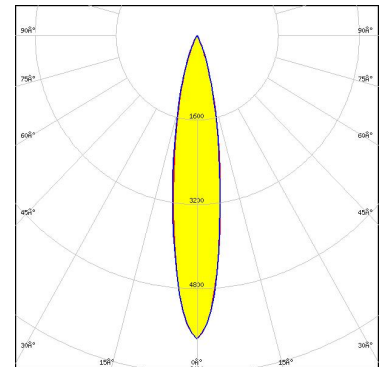
LED CHA0612
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 10.0° / 26.0°
 Efficiency 93 %
 Peak intensity 14.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files



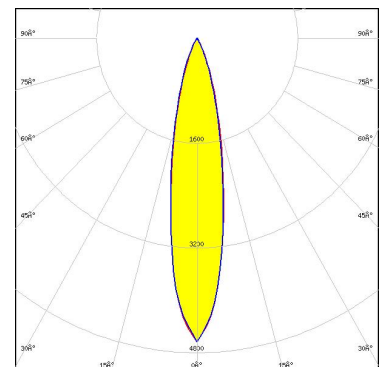
LED CMA1825
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 18.0° / 41.0°
 Efficiency 90 %
 Peak intensity 5.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15254_HEKLA-SOCKET-B



Light distribution files



LED CMA1840
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 21.0° / 45.0°
 Efficiency 89 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



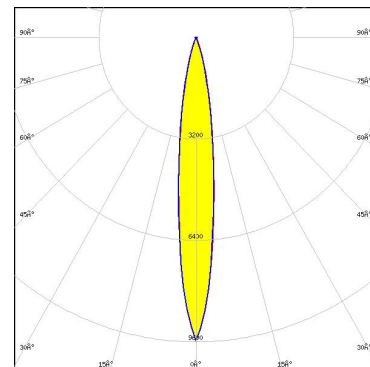
Light distribution files

Bender Wirth: 637a Hekla

OPTICAL RESULTS (SIMULATED):



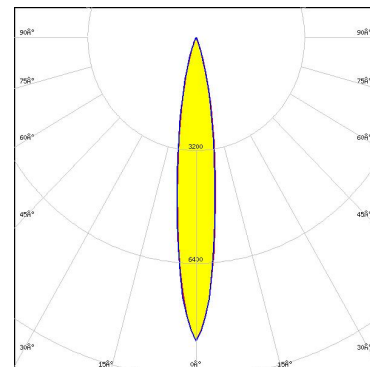
LED CMT14xx
Ordering code C17776_AMY-70-S
FWHM / FWTM 14.0° / 32.0°
Efficiency 96 %
Peak intensity 9.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



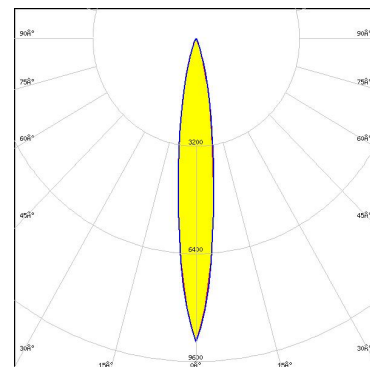
LED CMT14xx
Ordering code CP19037_AMY-70-S-C2
FWHM / FWTM 15.0° / 34.0°
Efficiency 91 %
Peak intensity 8.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17435_HEKLA-G2-C



Light distribution files



LED CMU10xx
Ordering code CP19052_AMY-70-S-B2
FWHM / FWTM 14.0° / 34.0°
Efficiency 92 %
Peak intensity 9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



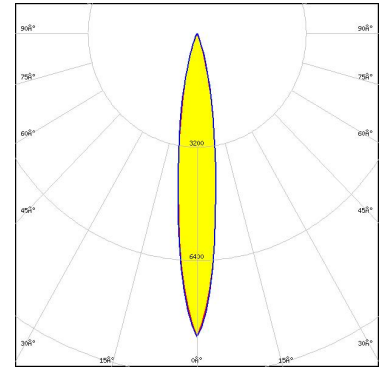
Light distribution files

BJB: 47.360.1020

OPTICAL RESULTS (SIMULATED):



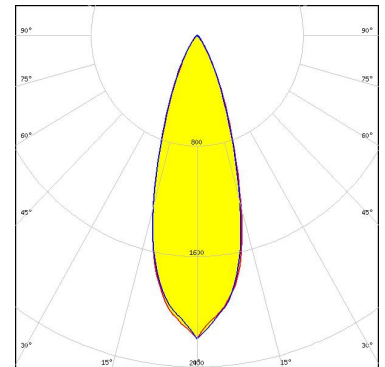
LED CMU10xx
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 14.0° / 34.0°
 Efficiency 91 %
 Peak intensity 8.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files



LED CMU22xx
 Ordering code CP19643_AMY-70-S-B50
 FWHM / FWTM 34.0° / 60.0°
 Efficiency 86 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

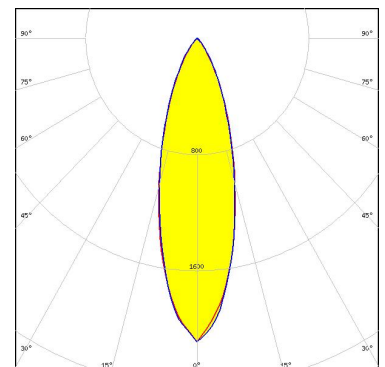


Bender Wirth: 631a Bayonet50

Light distribution files



LED CMU22xx
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 30.0° / 64.0°
 Efficiency 80 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



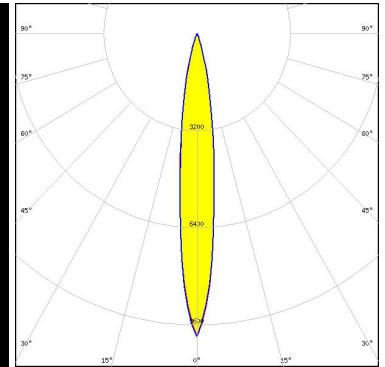
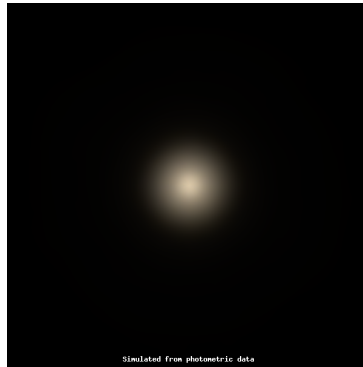
Bender Wirth: 631b Hekla XL

Light distribution files

OPTICAL RESULTS (SIMULATED):



LED CTW0910
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 93 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

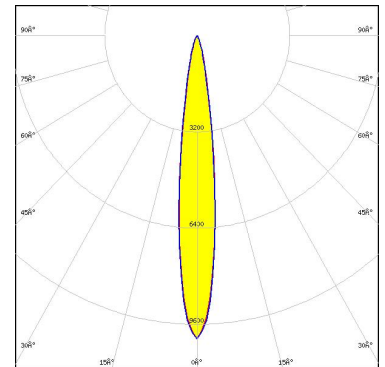


Light distribution files

Bender Wirth: 512 Typ L8



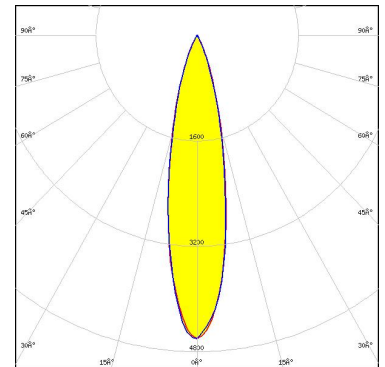
LED CXA/B 15xx
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 14.0° / 29.0°
 Efficiency 91 %
 Peak intensity 10.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15256_HEKLA-SOCKET-D



Light distribution files



LED LUXEON CX Plus CoB L08 (Gen2)
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 22.0° / 46.0°
 Efficiency 93 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

Bender Wirth: 637a Hekla

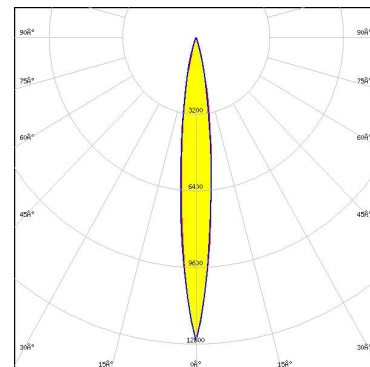
OPTICAL RESULTS (SIMULATED):



LED LUXEON CX Plus CoB - HD S02H6
 Ordering code CP19052_AMY-70-S-B2
 FWHM / FWTM 12.0° / 29.0°
 Efficiency 94 %
 Peak intensity 12.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 634c Bayonet35L

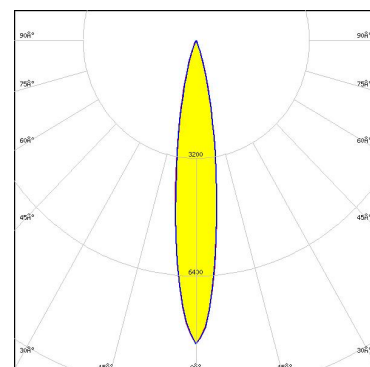
Light distribution files



LED LUXEON CX Plus CoB - HD S04H9
 Ordering code CP19052_AMY-70-S-B2
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 94 %
 Peak intensity 8.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

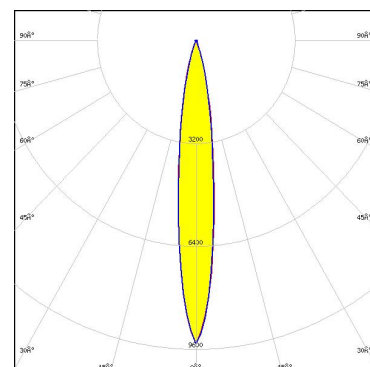
Bender Wirth: 634a Bayonet35L

Light distribution files



LED LUXEON CX Plus CoB - HD S04H9
 Ordering code C17776_AMY-70-S
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 96 %
 Peak intensity 9.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

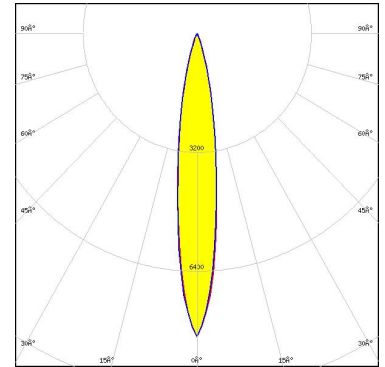
Light distribution files



OPTICAL RESULTS (SIMULATED):



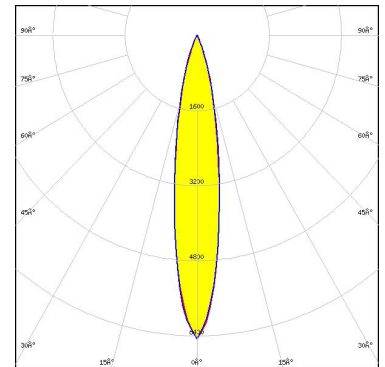
LED LUXEON CX Plus CoB - HD S04H9
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 91 %
 Peak intensity 8.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



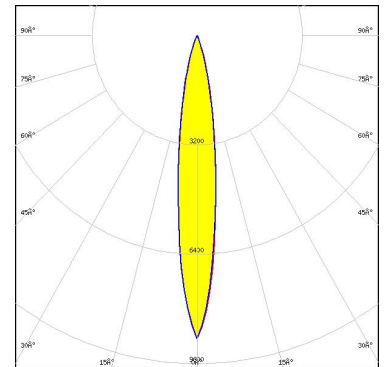
LED LUXEON CX Plus CoB L04 / L05 (Gen2)
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 18.0° / 39.0°
 Efficiency 93 %
 Peak intensity 6.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15254_HEKLA-SOCKET-B



Light distribution files



LED LUXEON CX Plus CoB M02 / M03 (Gen2)
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 15.0° / 34.0°
 Efficiency 94 %
 Peak intensity 8.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15256_HEKLA-SOCKET-D

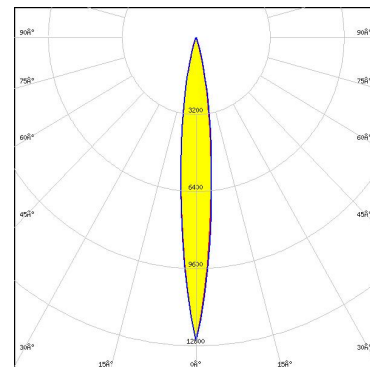


Light distribution files

OPTICAL RESULTS (SIMULATED):



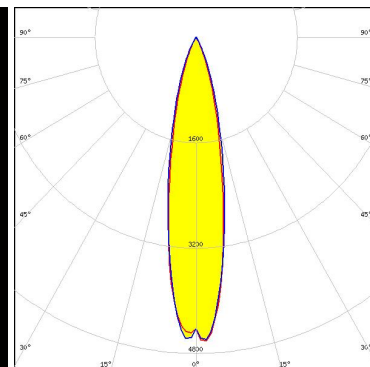
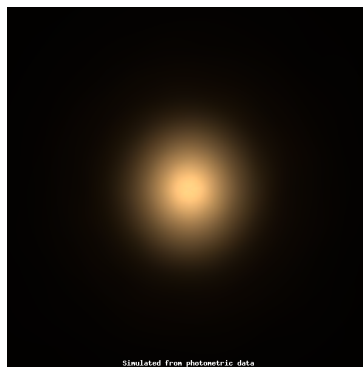
LED LUXEON CX Plus CoB S01 (Gen2)
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 12.0° / 29.0°
 Efficiency 94 %
 Peak intensity 12.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15956_HEKLA-SOCKET-J



Light distribution files



LED CDM-14 (Dim-to-Warm) Gen2
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 22.0° / 45.0°
 Efficiency 91 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

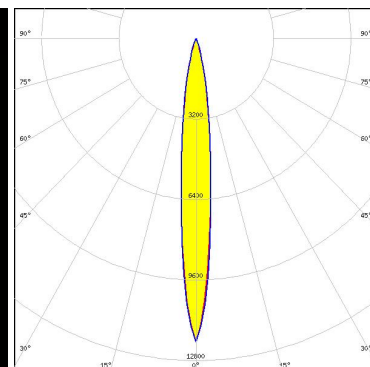
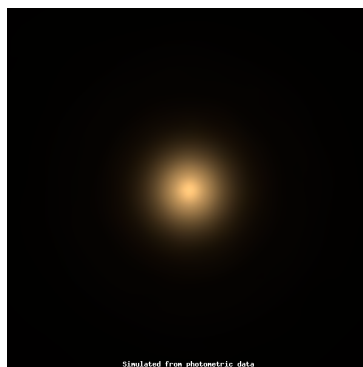


Light distribution files

Bender Wirth: 632b Hekla XL



LED CDM-6 (Dim-To-Warm)
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 12.0° / 29.0°
 Efficiency 93 %
 Peak intensity 12.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

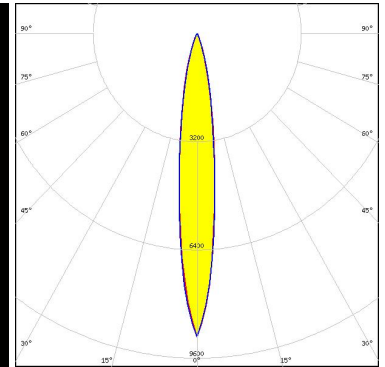
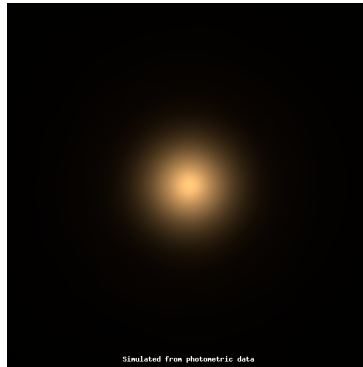
Bender Wirth: 652b Hekla

OPTICAL RESULTS (SIMULATED):



LED CDM-9 (Dim-to-Warm) Gen2
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 14.0° / 34.0°
 Efficiency 92 %
 Peak intensity 9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

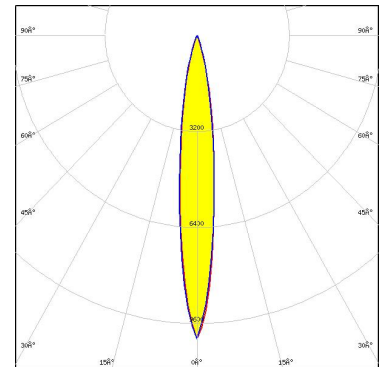
Bender Wirth: 652b Hekla



Light distribution files



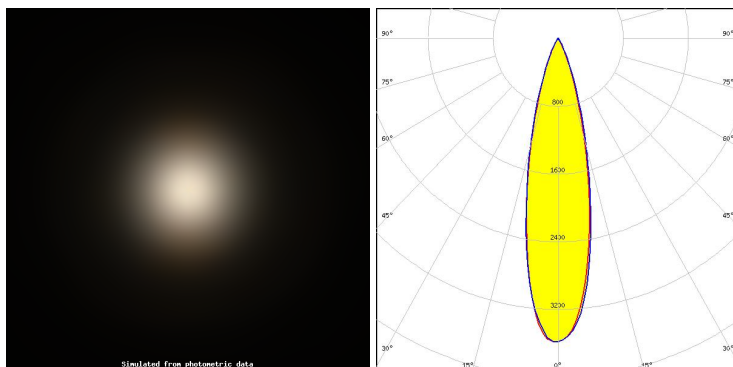
LED CHM-9 XH (19x19)
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 94 %
 Peak intensity 10.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files



LED CTM-14 (Tunable White) Gen2
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 25.0° / 47.0°
 Efficiency 83 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS

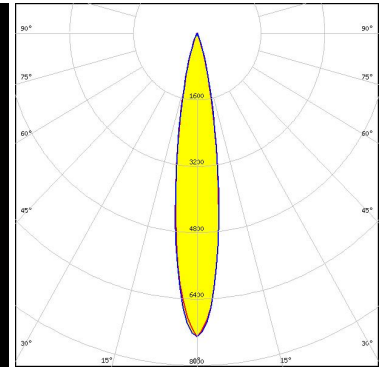
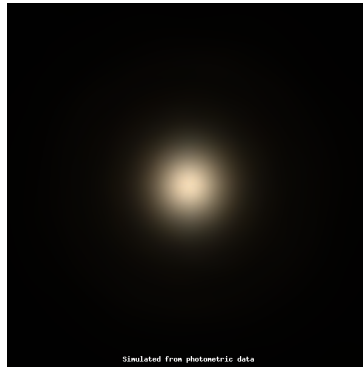


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED CTM-6 (Tunable White) Gen2
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 85 %
 Peak intensity 7.3 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS

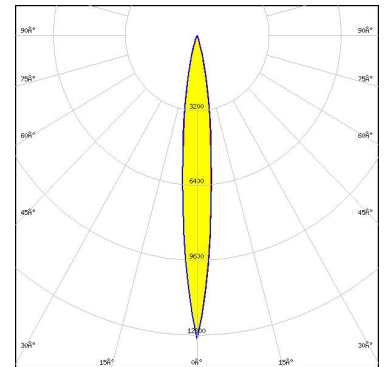


Light distribution files

Bender Wirth: 495 Typ L8



LED CTM-6 (Tunable White) Gen2
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 94 %
 Peak intensity 13 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

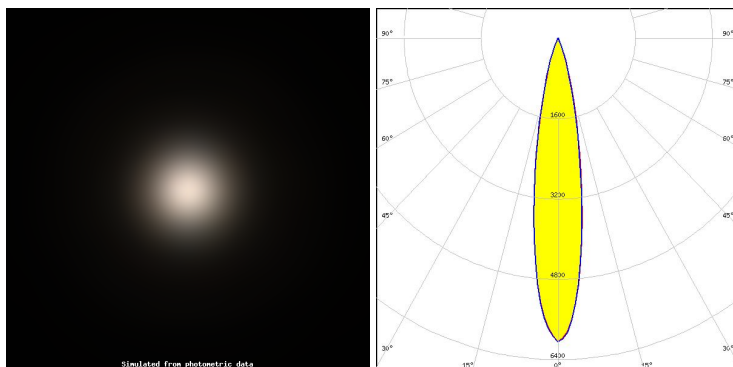


Light distribution files

Bender Wirth: 495 Typ L8



LED CTM-9 (Tunable White) Gen2
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 18.0° / 36.0°
 Efficiency 85 %
 Peak intensity 6 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS

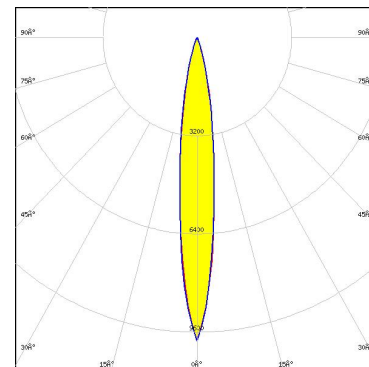


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED CTM-9 (Tunable White) Gen2
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 94 %
 Peak intensity 9.9 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

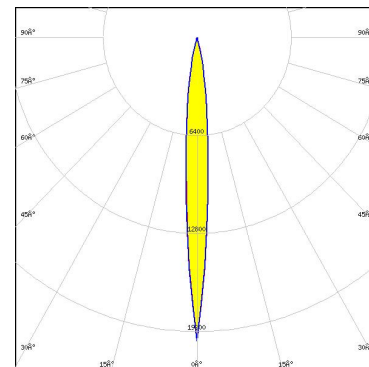


Light distribution files

Bender Wirth: 495 Typ L8



LED CXM-3
 Ordering code CP19052_AMY-70-S-B2
 FWHM / FWTM 8.0° / 24.0°
 Efficiency 94 %
 Peak intensity 19.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

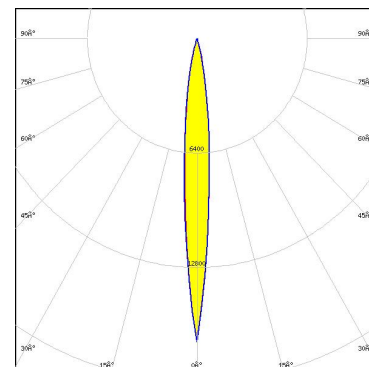


Light distribution files

Bender Wirth: 634a Bayonet35L



LED CXM-4
 Ordering code CP19052_AMY-70-S-B2
 FWHM / FWTM 10.0° / 26.0°
 Efficiency 94 %
 Peak intensity 17 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

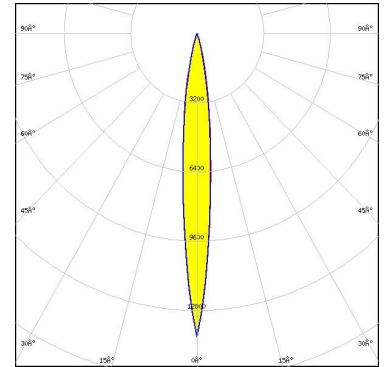
Bender Wirth: 634a Bayonet35L

OPTICAL RESULTS (SIMULATED):



LED CxM-6 (13.5x13.5)
 Ordering code CP19052_AMY-70-S-B2
 FWHM / FWTM 11.0° / 28.0°
 Efficiency 94 %
 Peak intensity 14 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

BJB: 47.360.1020

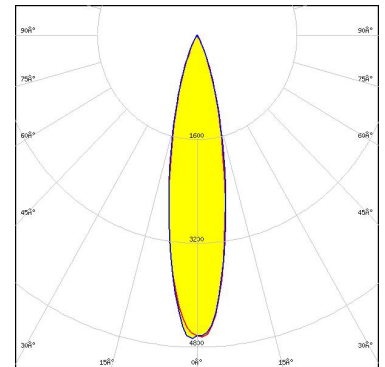


Light distribution files



LED COB J-Type
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 22.0° / 45.0°
 Efficiency 93 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

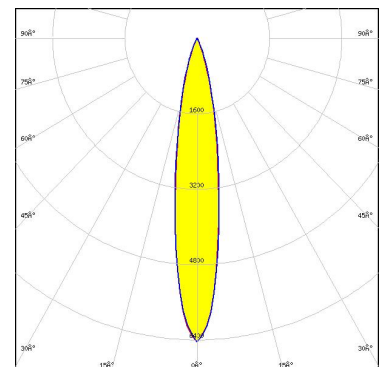
Bender Wirth: 663a Hekla XL



Light distribution files



LED COB L-Type (LES 11)
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 18.0° / 38.0°
 Efficiency 90 %
 Peak intensity 6.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17437_HEKLA-G2-H

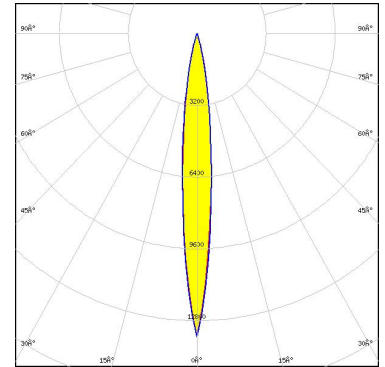


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED COB S-Type (LES 6)
 Ordering code CP19052_AMY-70-S-B2
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 94 %
 Peak intensity 13.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

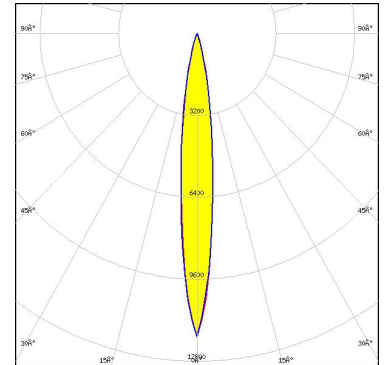


Bender Wirth: 652a Bayonet35L

Light distribution files



LED COB S-Type (LES 7)
 Ordering code CP19052_AMY-70-S-B2
 FWHM / FWTM 12.0° / 30.0°
 Efficiency 94 %
 Peak intensity 11.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

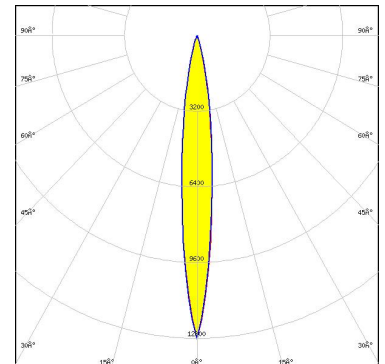


Bender Wirth: 652a Bayonet35L

Light distribution files



LED COB T-Type
 Ordering code CP19052_AMY-70-S-B2
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 94 %
 Peak intensity 12.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



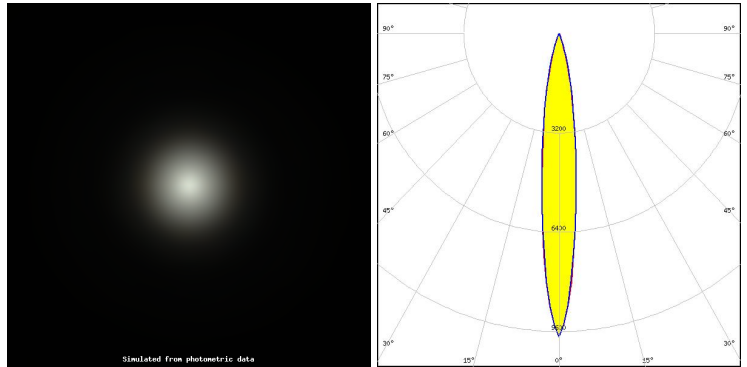
Bender Wirth: 652a Bayonet35L

Light distribution files

OPTICAL RESULTS (SIMULATED):



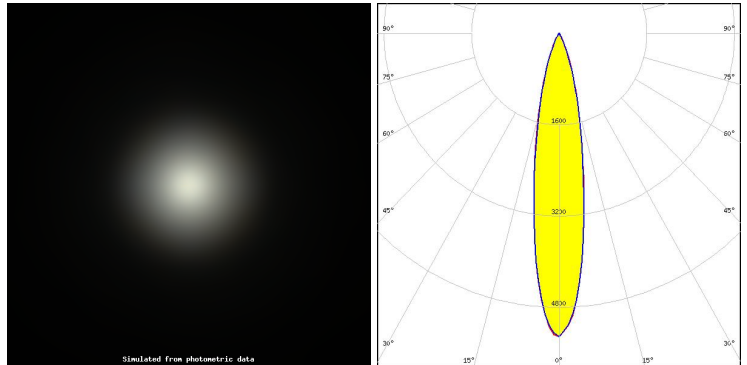
LED NF1203EJC-V5
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 93 %
 Peak intensity 9.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files



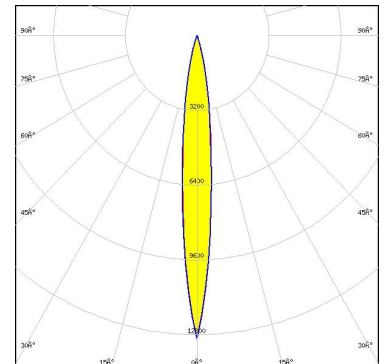
LED NF1206JLC-V5
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 20.0° / 44.0 + 43.0°
 Efficiency 92 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files



LED NJCWL024Z-V1MT: COB L-Type Tunable White
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 94 %
 Peak intensity 13 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K



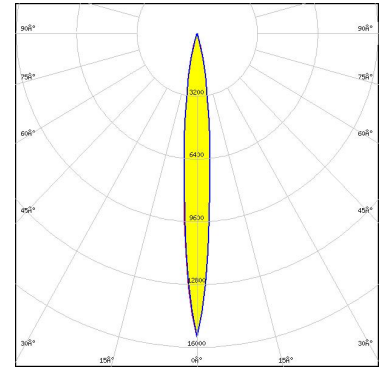
Light distribution files

Bender Wirth: 497 Typ L8 HV

OPTICAL RESULTS (SIMULATED):



LED NJNWS012Z-V1MT: COB S-Type Tunable White
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 10.0° / 26.0°
 Efficiency 94 %
 Peak intensity 15.5 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

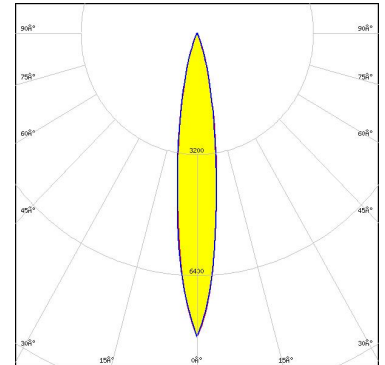


Light distribution files

Bender Wirth: 495 Typ L8 HV



LED NVCWJ024Z-V1MT: COB J-Type Tunable White
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 16.0° / 36.0°
 Efficiency 94 %
 Peak intensity 8 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

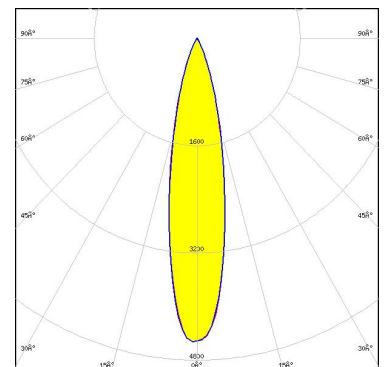


Light distribution files

Bender Wirth: 498 Typ L8 HV



LED Fortimo SLM L15 CoB
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 22.0° / 44.0°
 Efficiency 90 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



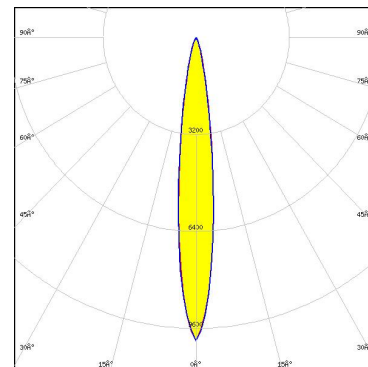
Light distribution files

Bender Wirth: 632a Hekla XL

OPTICAL RESULTS (SIMULATED):

SAMSUNG

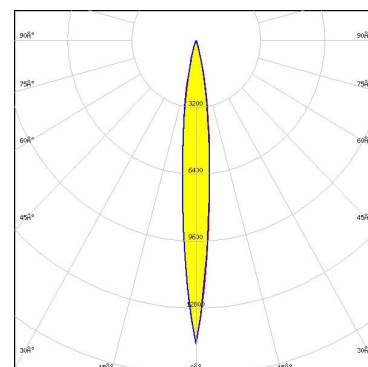
LED LC003D / LC006D / LC009D / LC013D
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 14.0° / 30.0°
 Efficiency 92 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files

SAMSUNG

LED LC010C G2
 Ordering code CP19052_AMY-70-S-B2
 FWHM / FWTM 10.0° / 28.0°
 Efficiency 94 %
 Peak intensity 14.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

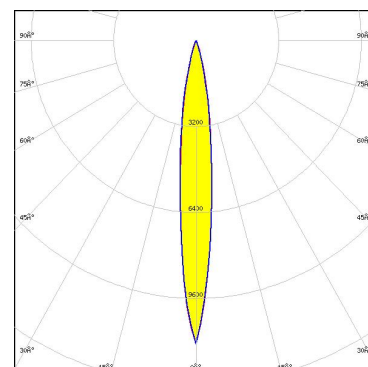


Light distribution files

BJB: 47.360.1020

SAMSUNG

LED LC010T (Tunable White)
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 12.0° / 30.0°
 Efficiency 94 %
 Peak intensity 11.3 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K



Light distribution files

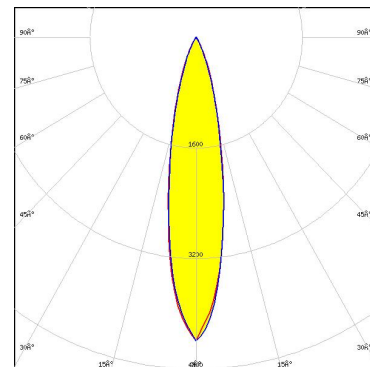
Bender Wirth: 501 Typ L8

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 Ordering code CP19052_AMY-70-S-B2
 FWHM / FWTM 22.0° / 46.0°
 Efficiency 89 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

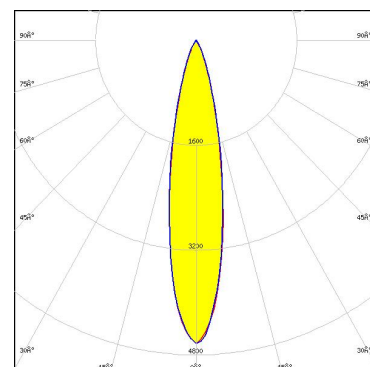
BJB: 47.360.1010



Light distribution files

SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 22.0° / 44.0°
 Efficiency 89 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I

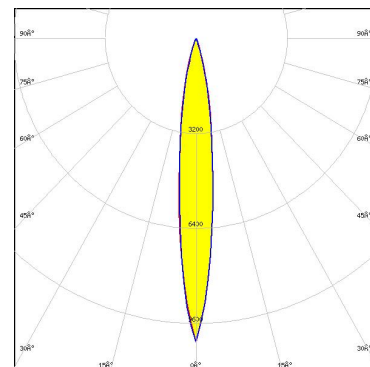


Light distribution files

SAMSUNG

LED LC020C G2
 Ordering code CP19052_AMY-70-S-B2
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 93 %
 Peak intensity 10.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

BJB: 47.360.1010

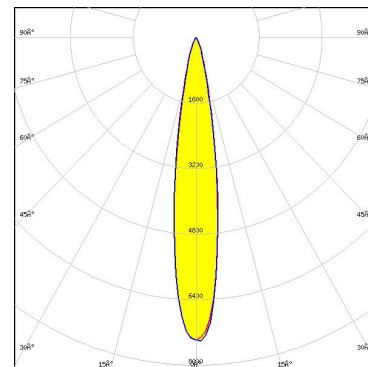


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

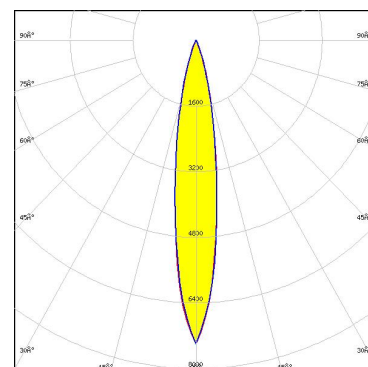
LED LC020T (Tunable white)
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 91 %
 Peak intensity 7.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files

SAMSUNG

LED LC020T (Tunable white)
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 16.0° / 37.0°
 Efficiency 94 %
 Peak intensity 7.4 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

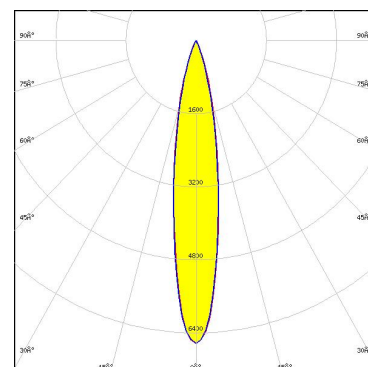


Light distribution files

Bender Wirth: 501 Typ L8

SAMSUNG

LED LC030C/040C G2
 Ordering code CP19052_AMY-70-S-B2
 FWHM / FWTM 18.0° / 39.0°
 Efficiency 93 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



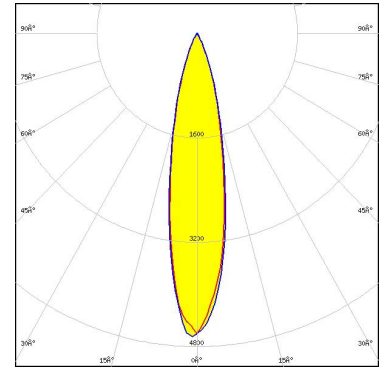
Light distribution files

BJB: 47.360.1010

OPTICAL RESULTS (SIMULATED):



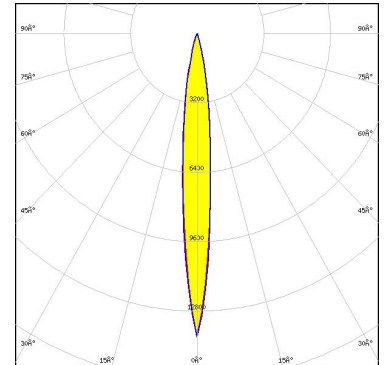
LED MJT COB LES 14.5
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 22.0° / 46.0°
 Efficiency 93 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files



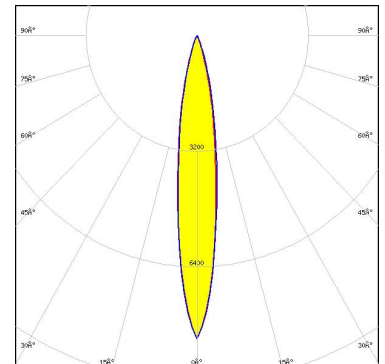
LED MJT COB LES 6
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 11.0° / 27.0°
 Efficiency 95 %
 Peak intensity 14 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



LED MJT COB LES 9.8
 Ordering code CP19037_AMY-70-S-C2
 FWHM / FWTM 16.0° / 35.0°
 Efficiency 94 %
 Peak intensity 8.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C

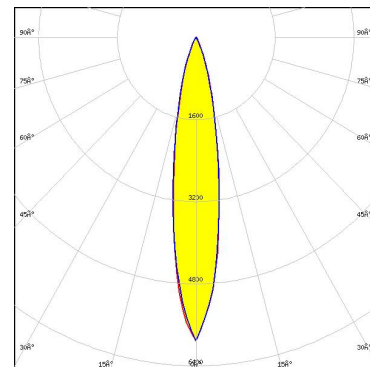


Light distribution files

OPTICAL RESULTS (SIMULATED):

TRIDONIC

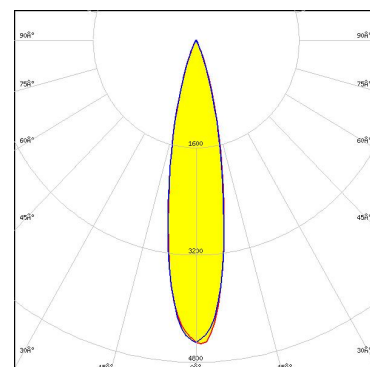
LED	SLE G7 LES13
Ordering code	CP19037_AMY-70-S-C2
FWHM / FWTM	18.0° / 40.0°
Efficiency	92 %
Peak intensity	5.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F17438_HEKLA-G2-I



Light distribution files

XICATO

LED	XOB 14.5 mm
Ordering code	CP19037_AMY-70-S-C2
FWHM / FWTM	22.0° / 42.0°
Efficiency	82 %
Peak intensity	4.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F17438_HEKLA-G2-I



Light distribution files

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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