

AMY-50-S2

~15° spot beam with soft cutoff

SPECIFICATION:

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

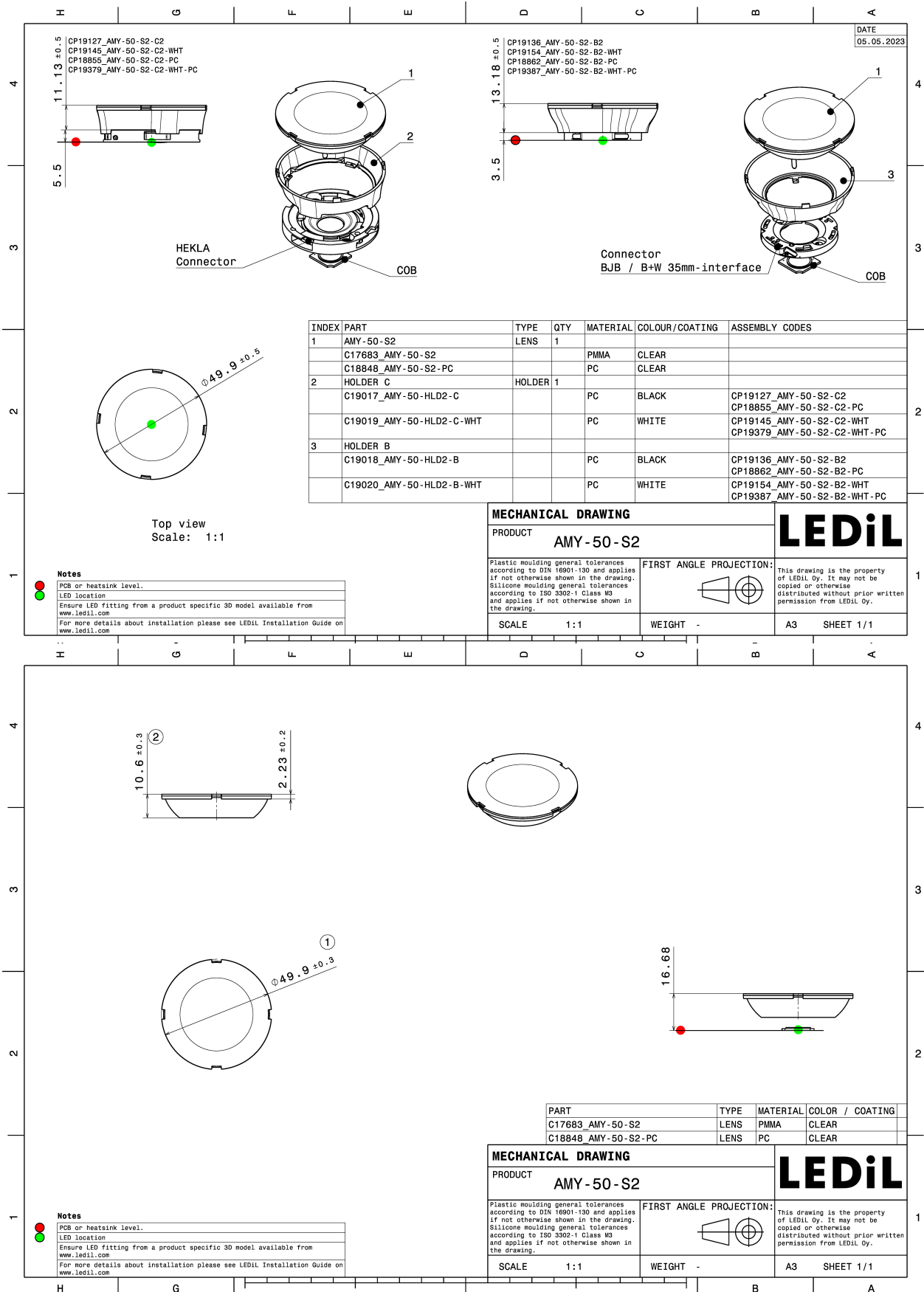
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
AMY-50-S2	Single lens	PMMA	clear		
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)
C18040_AMY-50-S2	690	120	30	9.1
Assembly				
CP19154_AMY-50-S2-B2-WHT	510	120	30	8.5
CP19145_AMY-50-S2-C2-WHT	510	120	30	8.1
CP19136_AMY-50-S2-B2	510	120	30	8.5
CP19127_AMY-50-S2-C2	510	120	30	8.1

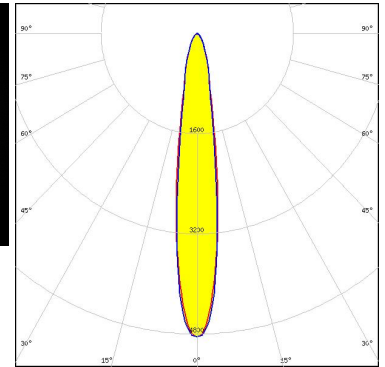


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



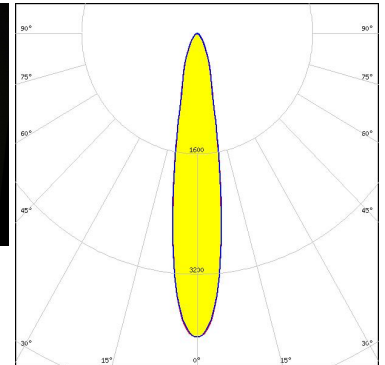
LED V10 Gen 8-9
Ordering code CP19127_AMY-50-S2-C2
FWHM / FWTM 16.0° / 42.0°
Efficiency 90 %
LEDs/each optic 1
Light colour/type White
Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



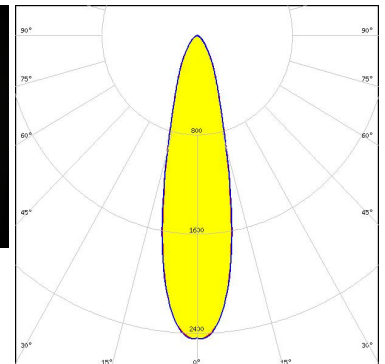
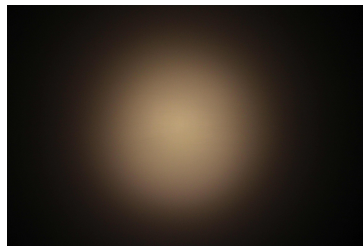
LED V11 HD Gen 8
Ordering code CP19127_AMY-50-S2-C2
FWHM / FWTM 19.0° / 47.0°
Efficiency 91 %
LEDs/each optic 1
Light colour/type White
Required components:
 Bender Wirth: 633d Hekla



Light distribution files



LED V13 Gen 8-9
Ordering code CP19127_AMY-50-S2-C2
FWHM / FWTM 26.0° / 61.0°
Efficiency 89 %
LEDs/each optic 1
Light colour/type White
Required components:
 F15859_HEKLA-SOCKET-I

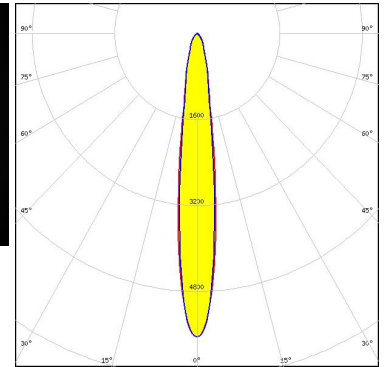


Light distribution files

OPTICAL RESULTS (MEASURED):



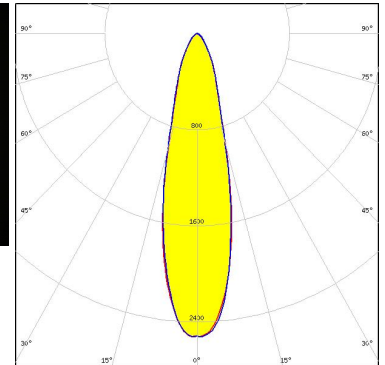
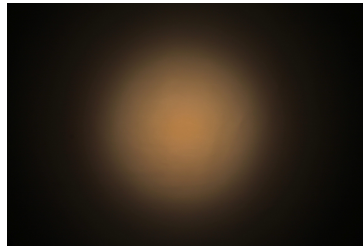
LED V8 Gen 8-9
Ordering code CP19127_AMY-50-S2-C2
FWHM / FWTM 14.0° / 37.0°
Efficiency 91 %
LEDs/each optic 1
Light colour/type White
Required components:
 F15253_HEKLA-SOCKET-A



Light distribution files



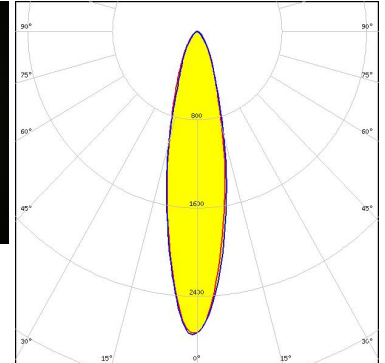
LED Vesta DTW 13mm (21W)
Ordering code CP19127_AMY-50-S2-C2
FWHM / FWTM 26.0° / 60.0°
Efficiency 87 %
LEDs/each optic 1
Light colour/type White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 491 Typ L8



Light distribution files



LED Vesta DTW 15mm (33W)
Ordering code CP19127_AMY-50-S2-C2
FWHM / FWTM 23.0° / 57.0°
Efficiency 87 %
LEDs/each optic 1
Light colour/type White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 491 Typ L8

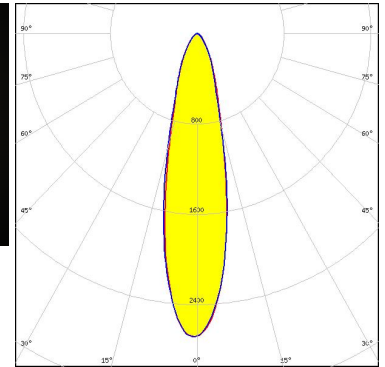
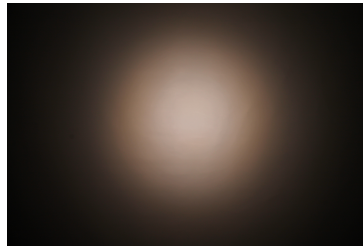


Light distribution files

OPTICAL RESULTS (MEASURED):



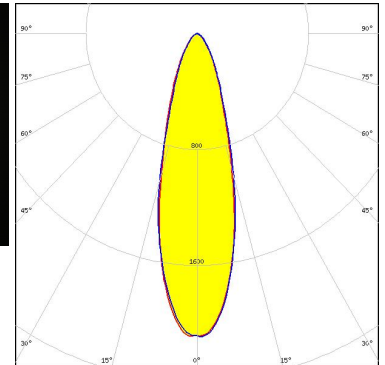
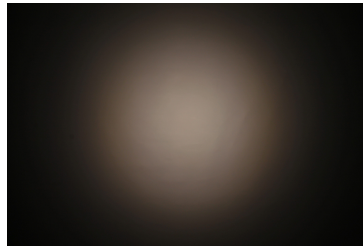
LED Vesta TW 13mm (18W) DP
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 24.0° / 58.0°
 Efficiency 87 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 492 Typ L8



Light distribution files



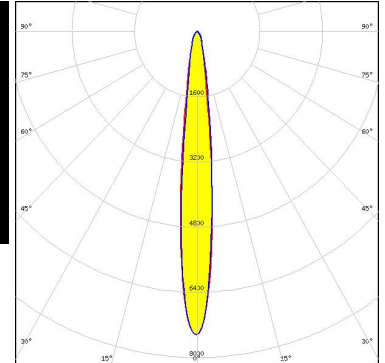
LED Vesta TW 15mm DP
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 29.0° / 65.0°
 Efficiency 87 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 482 Typ L8



Light distribution files



LED Vesta TW 6mm DP
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 12.0° / 29.0°
 Efficiency 88 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 504 Typ L8

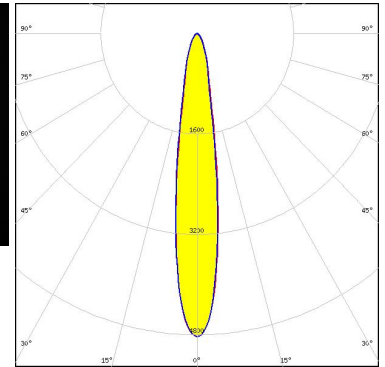


Light distribution files

OPTICAL RESULTS (MEASURED):



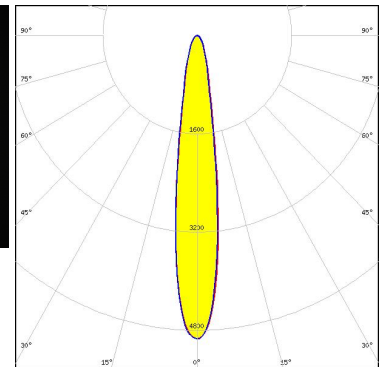
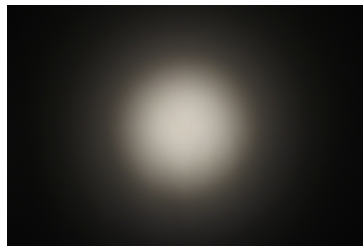
LED Vesta TW 9mm (9W) DP
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 16.0° / 41.0°
 Efficiency 88 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 489 Typ L8



Light distribution files

CITIZEN

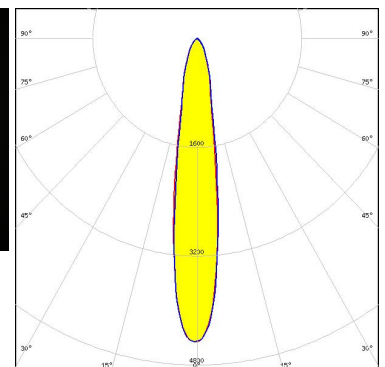
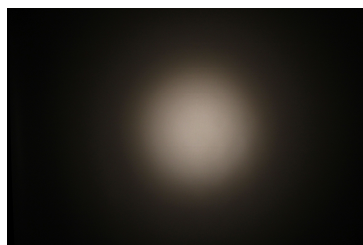
LED CLU02x (LES10)
 Ordering code CP19145_AMY-50-S2-C2-WHT
 FWHM / FWTM 16.0° / 40.0°
 Efficiency 95 %
 Peak intensity 5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files

CITIZEN

LED CLU02x (LES10)
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 17.0° / 45.0°
 Efficiency 91 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C

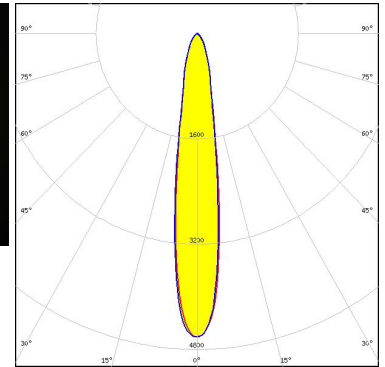


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

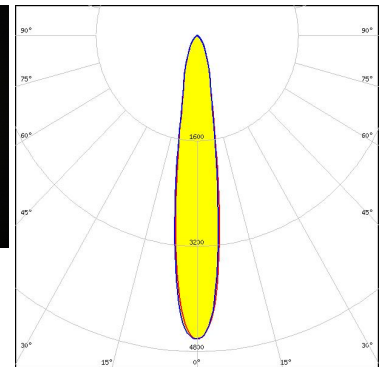
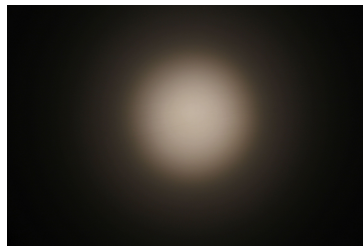
LED CLU02x (LES10)
 Ordering code CP19136_AMY-50-S2-B2
 FWHM / FWTM 17.0° / 44.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 BJB: 47.360.1020



Light distribution files

CITIZEN

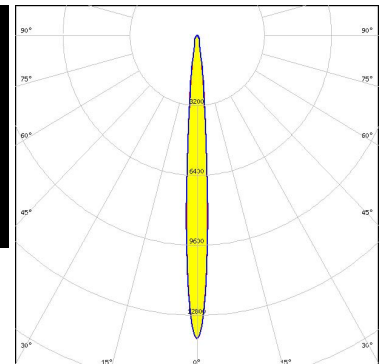
LED CLU02x (LES10)
 Ordering code C18040_AMY-50-S2
 FWHM / FWTM 17.0° / 44.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 BJB: 47.360.1020



Light distribution files

CITIZEN

LED CLU7S3
 Ordering code CP19136_AMY-50-S2-B2
 FWHM / FWTM 8.0° / 20.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 667a Bayonet35

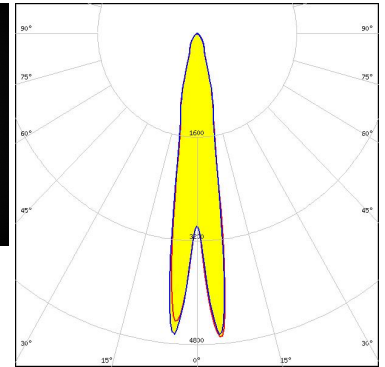


Light distribution files

OPTICAL RESULTS (MEASURED):

LEDiM

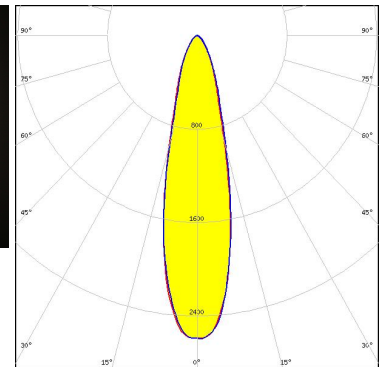
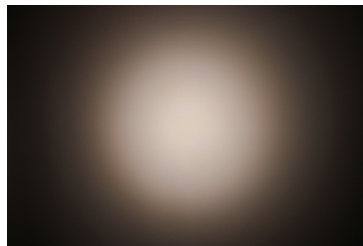
LED LEDiM/C6
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 17.0° / 38.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files

LUMINUS

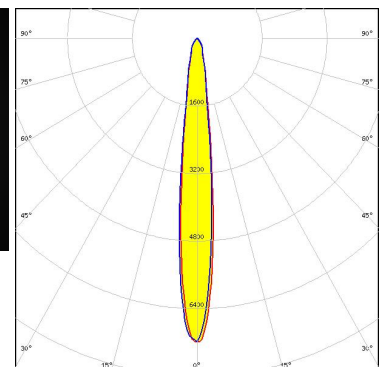
LED CTM-14 (Tunable White) Gen2
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 25.0° / 58.0°
 Efficiency 88 %
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 442 Typ L8



Light distribution files

PHILIPS

LED Fortimo SLM C TW L06A 1313 G7N
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 12.0° / 32.0°
 Efficiency 91 %
 Peak intensity 7.3 cd/klm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 508 Typ L8

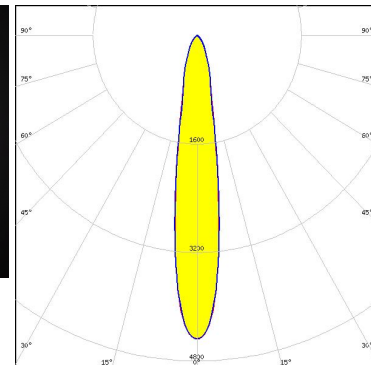


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

LED Fortimo SLM C TW L09A 1919 G7N
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 17.0° / 45.0°
 Efficiency 91 %
 Peak intensity 4.5 cd/Im
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 501 Typ L8



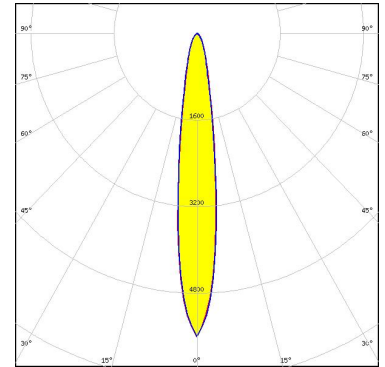
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED V10 Gen 8-9
Ordering code CP19136_AMY-50-S2-B2
FWHM / FWTM 14.0° / 38.0°
Efficiency 90 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

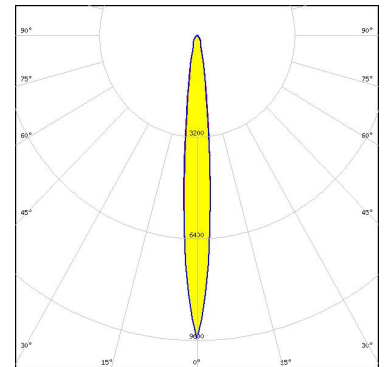
BJB: 47.360.1020



Light distribution files



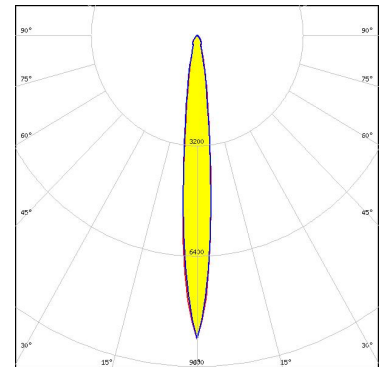
LED V6 HD Gen 8
Ordering code CP19145_AMY-50-S2-C2-WHT
FWHM / FWTM 10.0° / 26.0°
Efficiency 93 %
Peak intensity 9.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F19858_HEKLA-G2B-C3



Light distribution files



LED V6 HD Gen 8
Ordering code CP19127_AMY-50-S2-C2
FWHM / FWTM 11.0° / 28.0°
Efficiency 93 %
Peak intensity 8.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15255_HEKLA-SOCKET-C

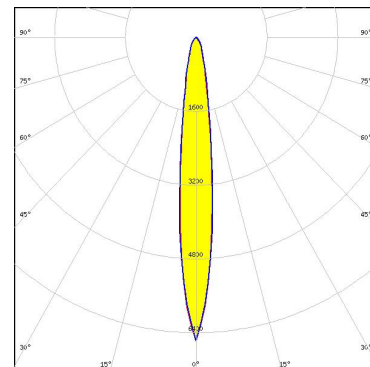


Light distribution files

OPTICAL RESULTS (SIMULATED):



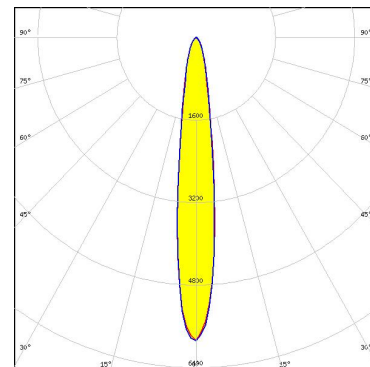
LED V8 Gen7
Ordering code CP19127_AMY-50-S2-C2
FWHM / FWTM 13.0° / 34.0°
Efficiency 90 %
Peak intensity 6.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15253_HEKLA-SOCKET-A



Light distribution files



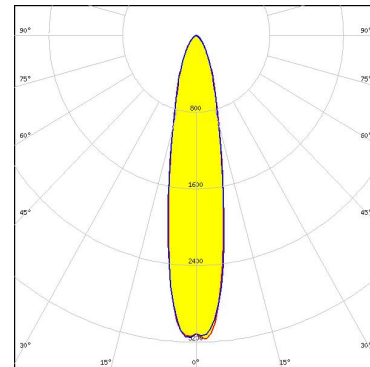
LED VERO10
Ordering code CP19127_AMY-50-S2-C2
FWHM / FWTM 14.0° / 37.0°
Efficiency 91 %
Peak intensity 5.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15616_HEKLA-SOCKET-F



Light distribution files



LED VERO13
Ordering code CP19127_AMY-50-S2-C2
FWHM / FWTM 22.0° / 56.0°
Efficiency 92 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C16142_HEKLA-SOCKET-K



Light distribution files

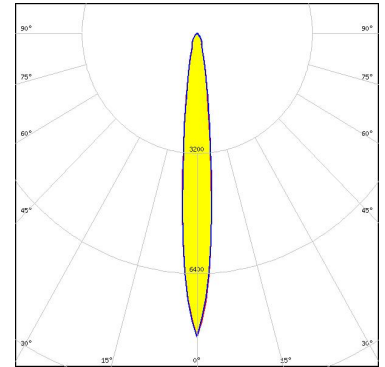
OPTICAL RESULTS (SIMULATED):



LED Vesta DTW 6mm
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 12.0° / 30.0°
 Efficiency 93 %
 Peak intensity 8.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

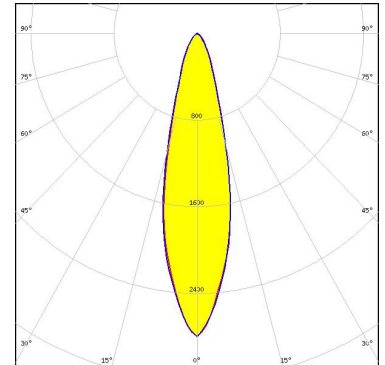
Bender Wirth: 652b Hekla

Light distribution files



LED Vesta SE 13mm TW
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 26.0° / 55.0°
 Efficiency 86 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

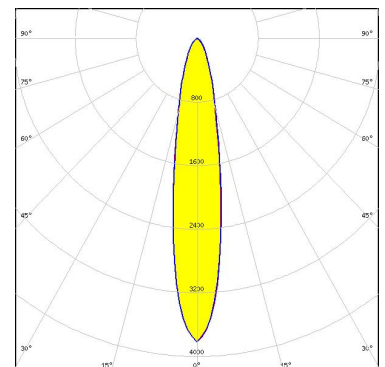
Light distribution files



CITIZEN

LED CLU02Q Type-F
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 18.0° / 48.0°
 Efficiency 92 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C

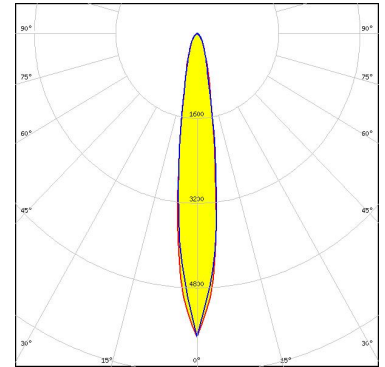
Light distribution files



OPTICAL RESULTS (SIMULATED):

CITIZEN

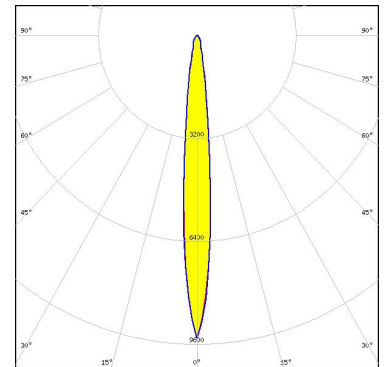
LED CLU02x (LES10)
 Ordering code CP19145_AMY-50-S2-C2-WHT
 FWHM / FWTM 15.0° / 38.0°
 Efficiency 96 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files

CITIZEN

LED CLU700/701/702/703
 Ordering code CP19136_AMY-50-S2-B2
 FWHM / FWTM 10.0° / 26.0°
 Efficiency 87 %
 Peak intensity 9.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

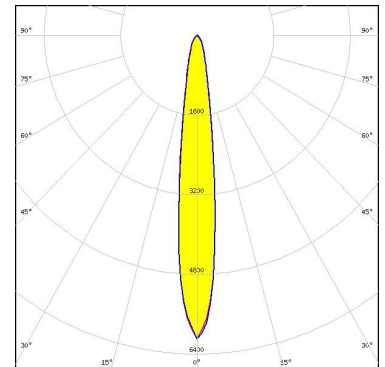


Light distribution files

BJB: 47.360.1020

CITIZEN

LED CLU712/713
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 14.0° / 34.0°
 Efficiency 90 %
 Peak intensity 6.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I

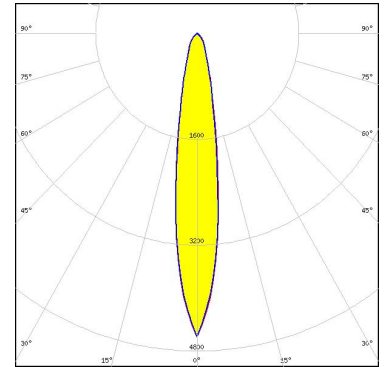


Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

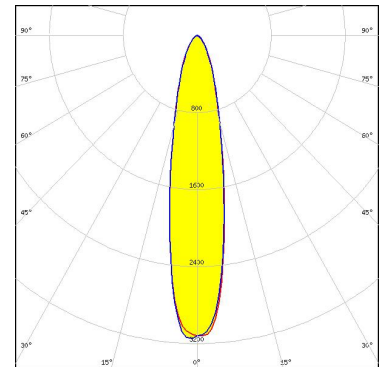
LED CLU713 Type-F
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 16.0° / 42.0°
 Efficiency 92 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files

CITIZEN

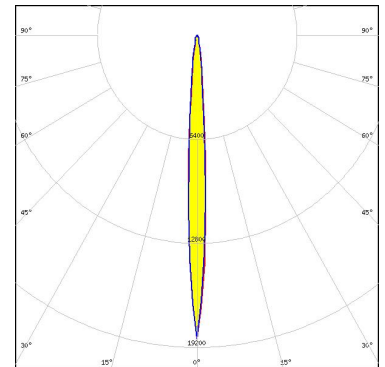
LED CLU723 Type-F
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 22.0° / 56.0° + 54.0°
 Efficiency 92 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files



LED CHA0304
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 6.0° / 18.0°
 Efficiency 90 %
 Peak intensity 18.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C

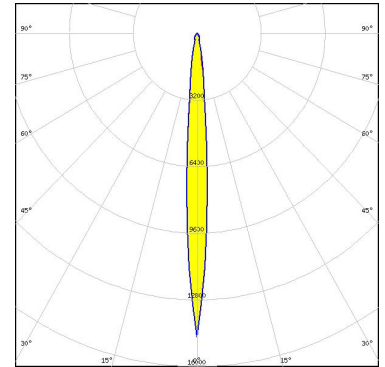


Light distribution files

OPTICAL RESULTS (SIMULATED):



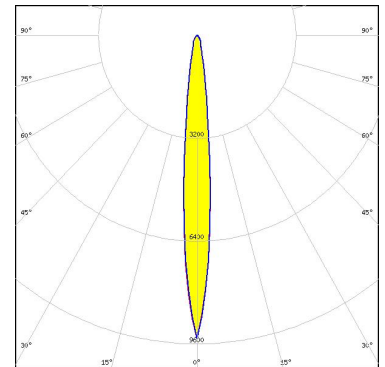
LED: CHA0410
 Ordering code: CP19127_AMY-50-S2-C2
 FWHM / FWTM: 8.0° / 20.0°
 Efficiency: 91 %
 Peak intensity: 14.6 cd/lm
 LEDs/each optic: 1
 Light colour/type: White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files



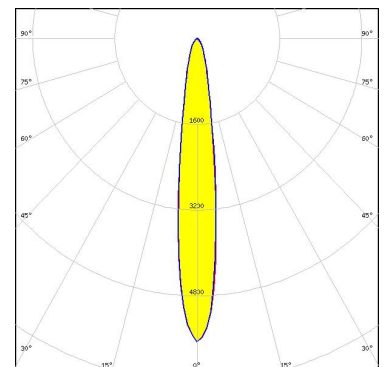
LED: CHA0612
 Ordering code: CP19127_AMY-50-S2-C2
 FWHM / FWTM: 10.0° / 26.0°
 Efficiency: 90 %
 Peak intensity: 9.4 cd/lm
 LEDs/each optic: 1
 Light colour/type: White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files



LED: CHA0825
 Ordering code: CP19127_AMY-50-S2-C2
 FWHM / FWTM: 14.0° / 37.0°
 Efficiency: 90 %
 Peak intensity: 5.7 cd/lm
 LEDs/each optic: 1
 Light colour/type: White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files

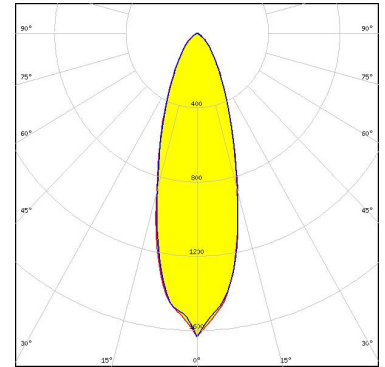
OPTICAL RESULTS (SIMULATED):



LED CMB2550
FWHM / FWTM 32.0° / 73.0°
Efficiency 81 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Bender Wirth: 639a Hekla XL

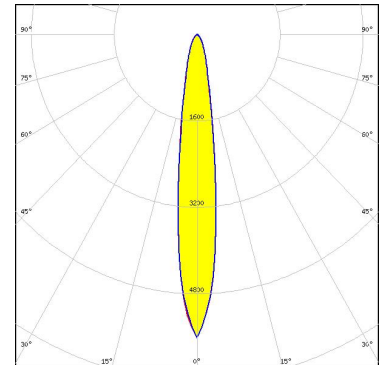
Light distribution files



LED CMU10xx
Ordering code CP19136_AMY-50-S2-B2
FWHM / FWTM 14.0° / 38.0°
Efficiency 90 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

BJB: 47.360.1020

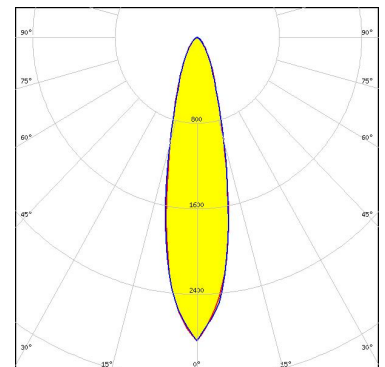
Light distribution files



LED CMU15xx
Ordering code CP19127_AMY-50-S2-C2
FWHM / FWTM 24.0° / 56.0°
Efficiency 88 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

F17438_HEKLA-G2-I

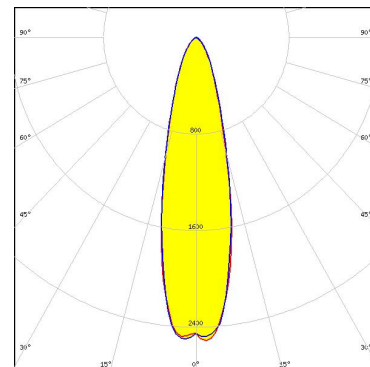
Light distribution files



OPTICAL RESULTS (SIMULATED):



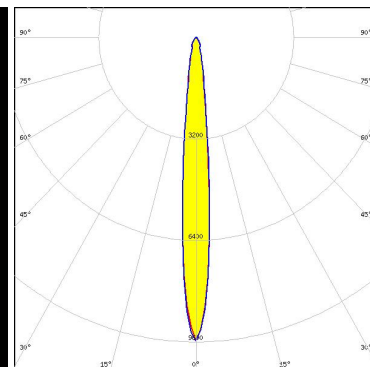
LED CMU15xx
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 26.0° / 60.0°
 Efficiency 89 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files



LED CTW0607
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 10.0° / 26.0°
 Efficiency 92 %
 Peak intensity 9.6 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

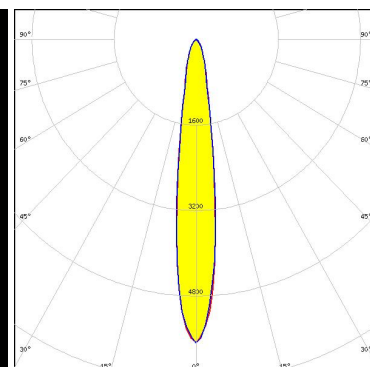


Light distribution files

Bender Wirth: 511 Typ L8



LED CTW0910
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 14.0° / 38.0°
 Efficiency 91 %
 Peak intensity 5.7 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

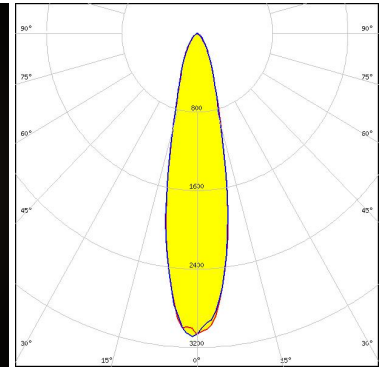
OPTICAL RESULTS (SIMULATED):



LED CTW1325
FWHM / FWTM 24.0° / 54.0°
Efficiency 90 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type Tunable White

Required components:
C16142_HEKLA-SOCKET-K

Bender Wirth: 513 Typ L8



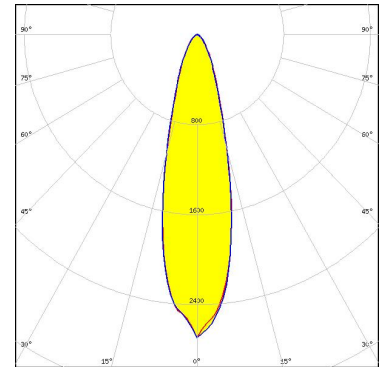
Light distribution files



LED LUXEON CX Plus CoB L08 (Gen2)
Ordering code CP19127_AMY-50-S2-C2
FWHM / FWTM 26.0° / 58.0°
Efficiency 92 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

Bender Wirth: 637a Hekla

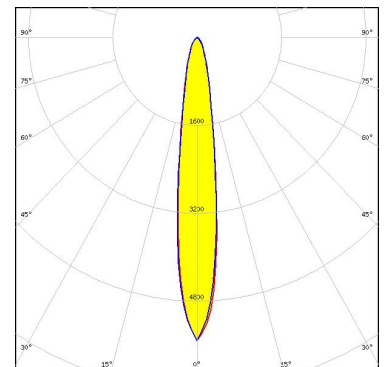


Light distribution files



LED LUXEON CoB 1204HD
Ordering code CP19127_AMY-50-S2-C2
FWHM / FWTM 15.0° / 39.0°
Efficiency 93 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:
F15858_HEKLA-SOCKET-H

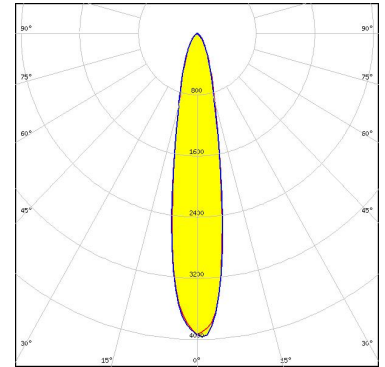


Light distribution files

OPTICAL RESULTS (SIMULATED):



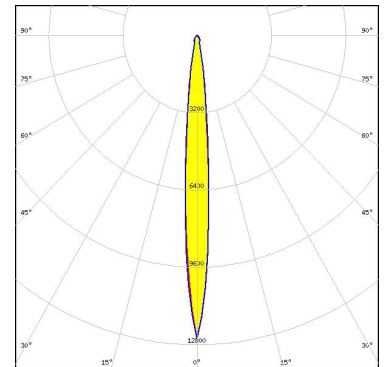
LED LUXEON CoB 1205HD
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 20.0° / 48.0°
 Efficiency 92 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15858_HEKLA-SOCKET-H



Light distribution files



LED LUXEON CX Plus CoB - HD S01H4
 Ordering code CP19136_AMY-50-S2-B2
 FWHM / FWTM 10.0° / 22.0°
 Efficiency 93 %
 Peak intensity 12.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

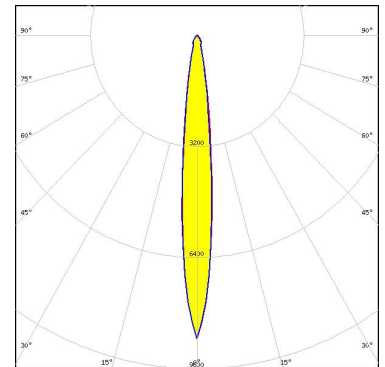


Bender Wirth: 634c Bayonet35L

Light distribution files



LED LUXEON CX Plus CoB - HD S02H6
 Ordering code CP19136_AMY-50-S2-B2
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 93 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



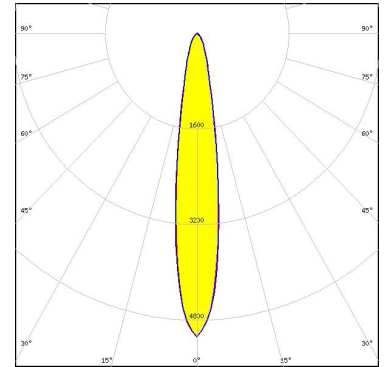
Bender Wirth: 634c Bayonet35L

Light distribution files

OPTICAL RESULTS (SIMULATED):



LED LUXEON CX Plus CoB - HD S04H9
 Ordering code CP19136_AMY-50-S2-B2
 FWHM / FWTM 16.0° / 40.0°
 Efficiency 93 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

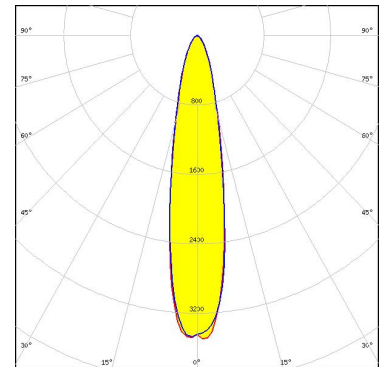


Bender Wirth: 634a Bayonet35L

Light distribution files



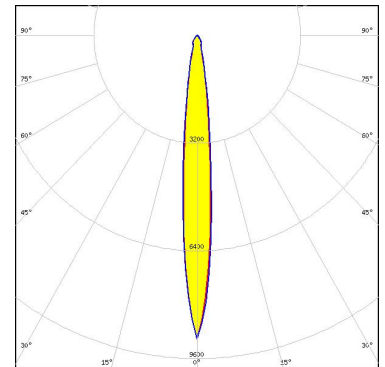
LED LUXEON CX Plus CoB L04 / L05 (Gen2)
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 20.0° / 51.0°
 Efficiency 91 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15254_HEKLA-SOCKET-B



Light distribution files



LED LUXEON CX Plus CoB S01 (Gen2)
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 11.0° / 27.0°
 Efficiency 94 %
 Peak intensity 9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15956_HEKLA-SOCKET-J



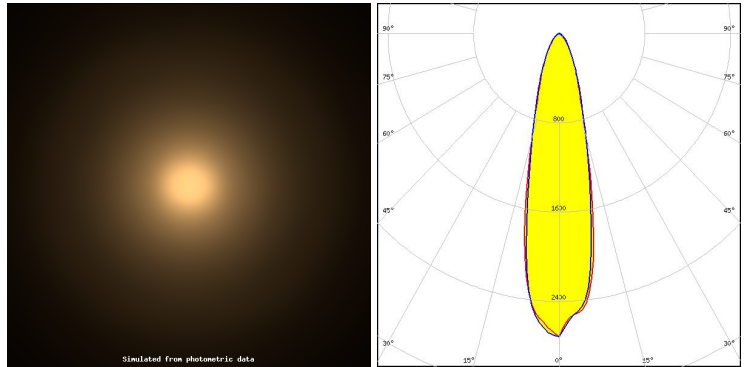
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED CDM-14 (Dim-to-Warm) Gen2
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 25.0° / 58.0°
 Efficiency 89 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 632b Hekla XL

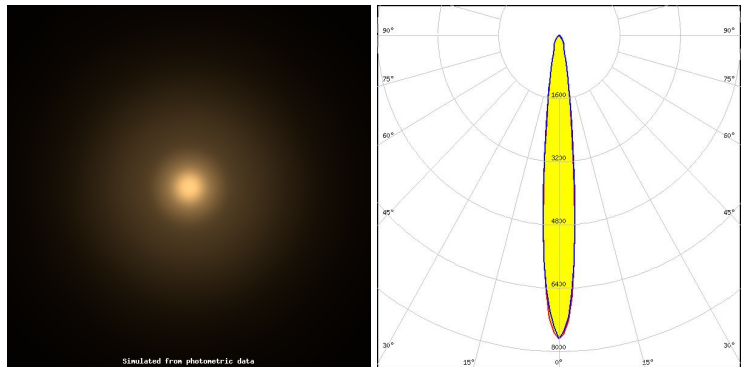


Light distribution files



LED CDM-6 (Dim-To-Warm)
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 12.0° / 30.0°
 Efficiency 91 %
 Peak intensity 7.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 652b Hekla

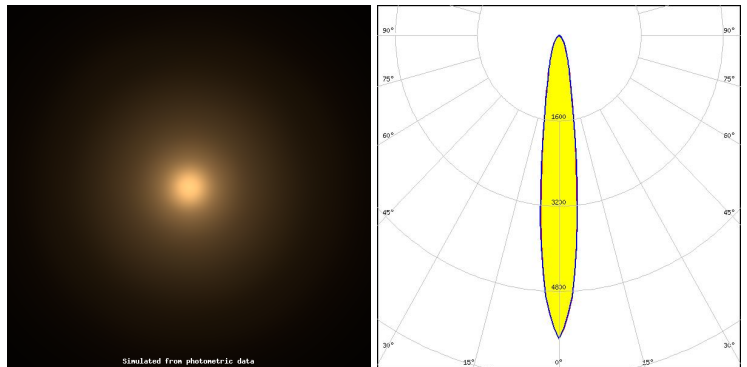


Light distribution files



LED CDM-9 (Dim-to-Warm) Gen2
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 14.0° / 38.0°
 Efficiency 91 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 652b Hekla

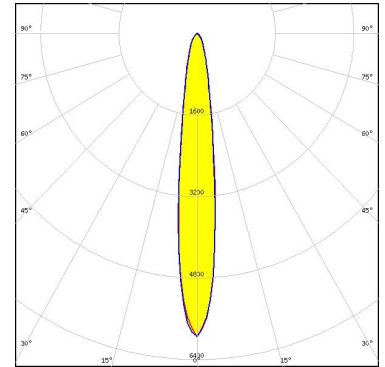


Light distribution files

OPTICAL RESULTS (SIMULATED):



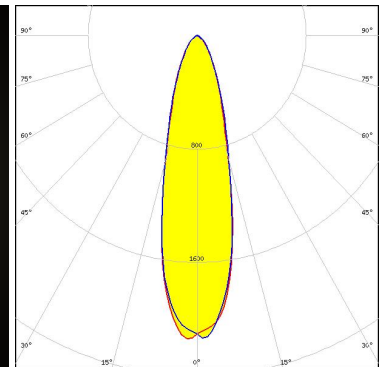
LED CHM-9 XH (19x19)
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 14.0° / 37.0°
 Efficiency 93 %
 Peak intensity 6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files



LED CTM-14 (Tunable White) Gen2
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 26.0° / 64.0°
 Efficiency 82 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS

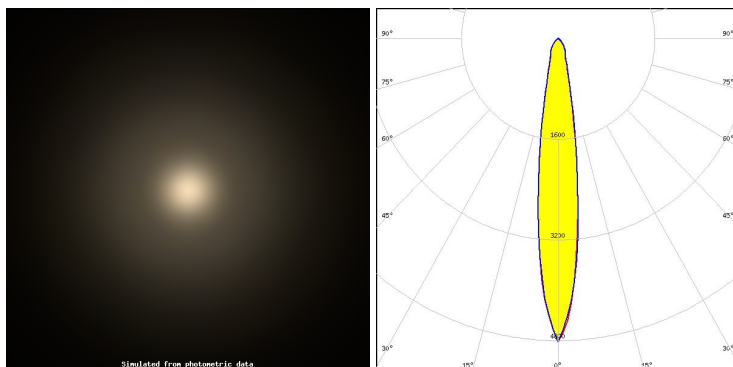


Light distribution files

Bender Wirth: 442 Typ L8



LED CTM-6 (Tunable White) Gen2
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 16.0° / 36.0°
 Efficiency 84 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS

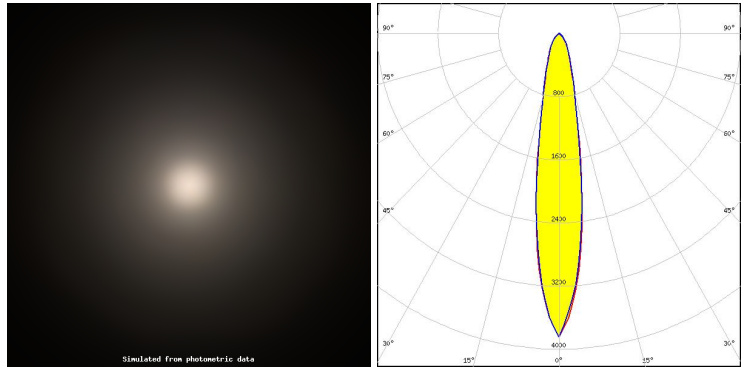


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED CTM-9 (Tunable White) Gen2
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 18.0° / 46.0°
 Efficiency 84 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 F18158_HEKLA-RZ-LENS

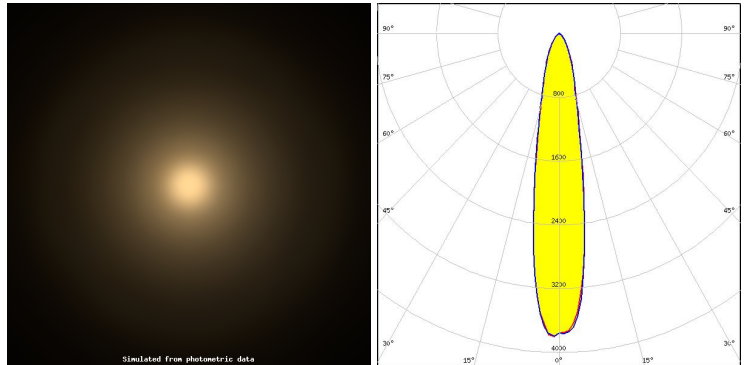


Light distribution files

Bender Wirth: 495 Typ L8



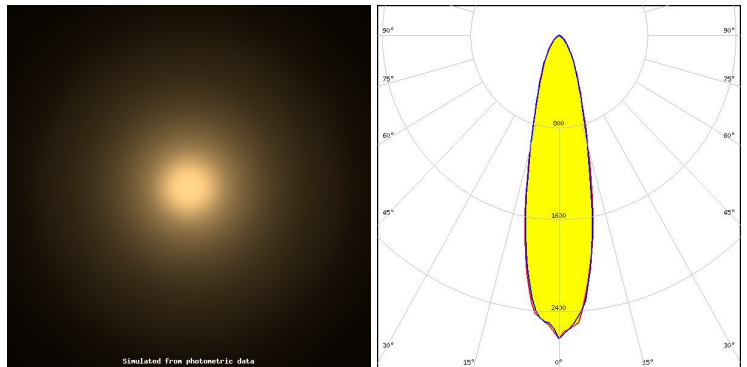
LED CxM-11 (19x19)
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 20.0° / 48.0 + 50.0°
 Efficiency 91 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files



LED CxM-14 (19x19)
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 26.0° / 59.0 + 60.0°
 Efficiency 90 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



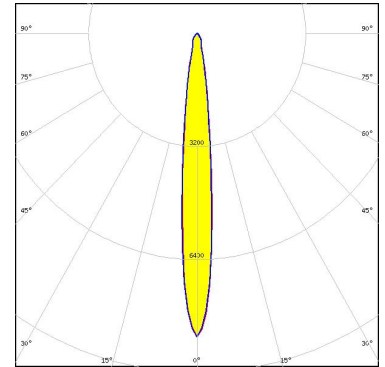
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED CxM-6 (13.5x13.5)
 Ordering code CP19136_AMY-50-S2-B2
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 93 %
 Peak intensity 8.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

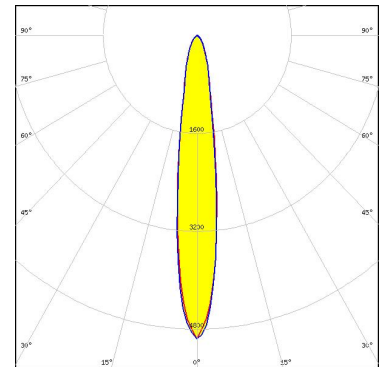
BJB: 47.360.1020



Light distribution files



LED CxM-9 (13.5x13.5)
 Ordering code CP19154_AMY-50-S2-B2-WHT
 FWHM / FWTM 16.0° / 42.0°
 Efficiency 91 %
 Peak intensity 5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C18968_SOCKET-B-35-C

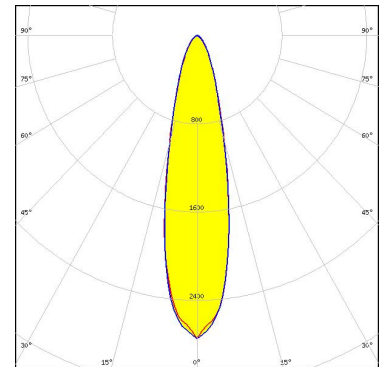


Light distribution files



LED COB J-Type
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 24.0° / 57.0°
 Efficiency 89 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 663a Hekla XL

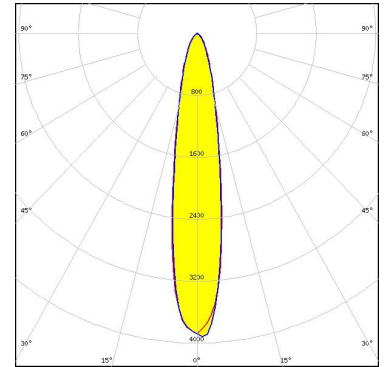


Light distribution files

OPTICAL RESULTS (SIMULATED):



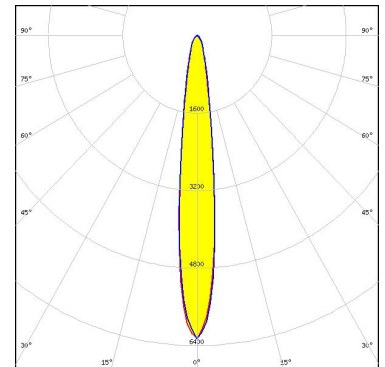
LED COB L-Type (LES 11)
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 19.0° / 48.0°
 Efficiency 92 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15858_HEKLA-SOCKET-H



Light distribution files



LED COB L-Type (LES 9)
 Ordering code CP19136_AMY-50-S2-B2
 FWHM / FWTM 14.0° / 34.0°
 Efficiency 90 %
 Peak intensity 6.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

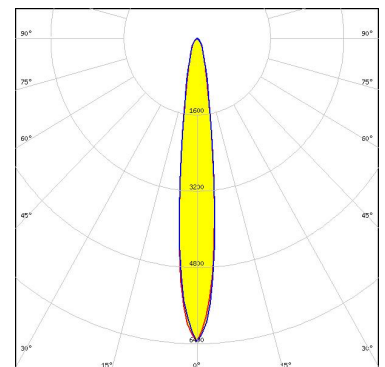


BJB: 47.360.1110

Light distribution files



LED COB L-Type (LES 9)
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 14.0° / 34.0°
 Efficiency 91 %
 Peak intensity 6.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



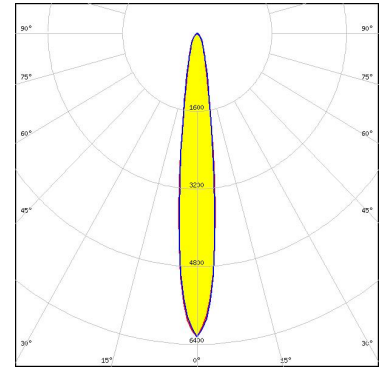
Bender Wirth: 638a Hekla

Light distribution files

OPTICAL RESULTS (SIMULATED):



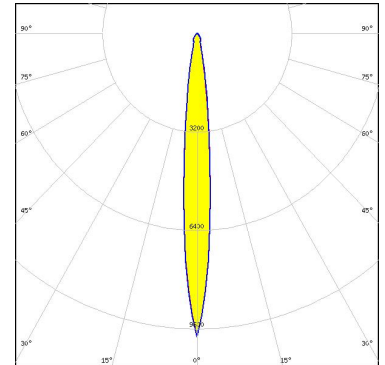
LED COB L-Type (LES 9)
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 14.0° / 34.0°
 Efficiency 90 %
 Peak intensity 6.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17437_HEKLA-G2-H



Light distribution files



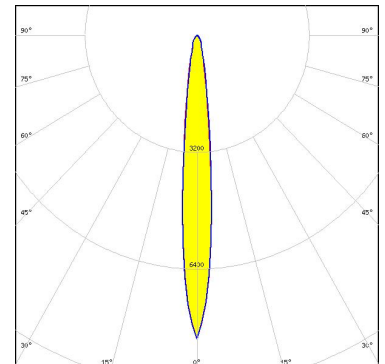
LED COB S-Type (LES 6)
 Ordering code CP19136_AMY-50-S2-B2
 FWHM / FWTM 10.0° / 26.0°
 Efficiency 93 %
 Peak intensity 9.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 652a Bayonet35L



Light distribution files



LED COB S-Type (LES 7)
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 89 %
 Peak intensity 8.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 652a Hekla

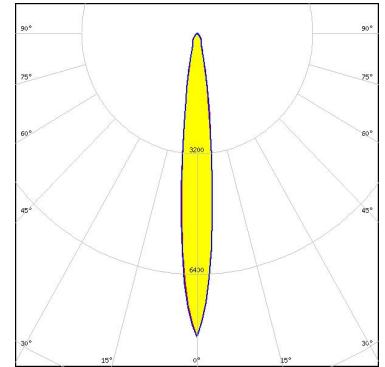


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED COB S-Type (LES 7)
 Ordering code CP19136_AMY-50-S2-B2
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 93 %
 Peak intensity 8.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

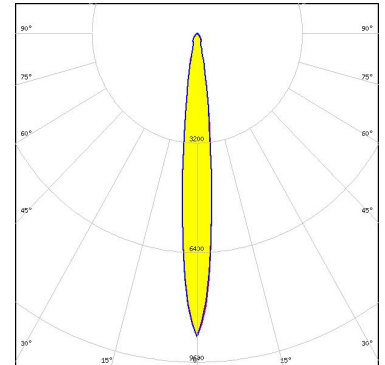


Bender Wirth: 652a Bayonet35L

Light distribution files



LED COB T-Type
 Ordering code CP19136_AMY-50-S2-B2
 FWHM / FWTM 12.0° / 27.0°
 Efficiency 93 %
 Peak intensity 8.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

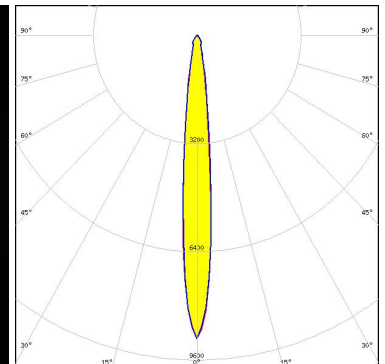


Bender Wirth: 652a Bayonet35L

Light distribution files



LED NF1202EFC-V5
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 10.0° / 26.0°
 Efficiency 91 %
 Peak intensity 9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C

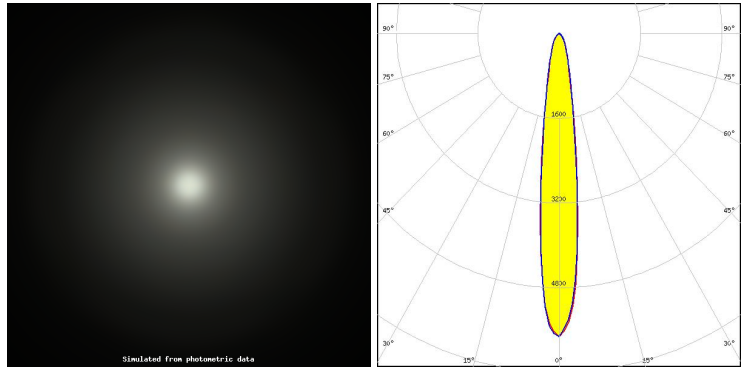


Light distribution files

OPTICAL RESULTS (SIMULATED):



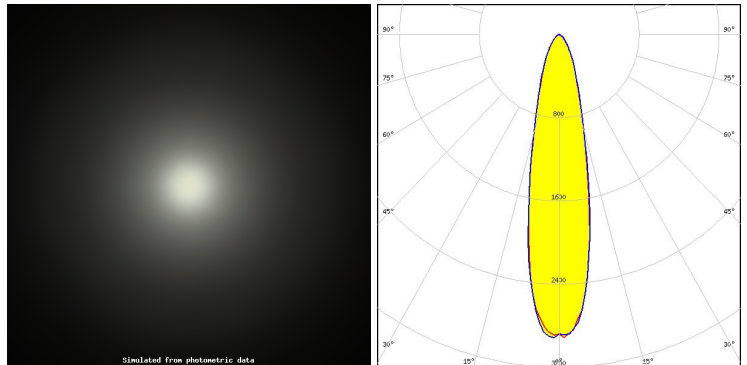
LED NF1203EJC-V5
 FWHM / FWTM 14.0° / 36.0°
 Efficiency 91 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files



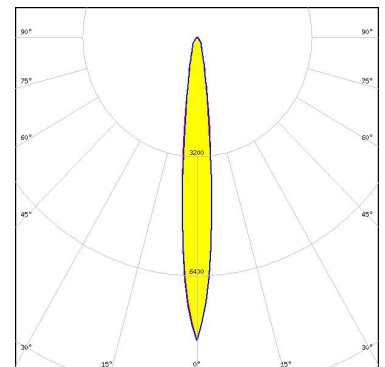
LED NF1206JLC-V5
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 24.0° / 56.0°
 Efficiency 90 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files



LED NJCWL024Z-V1MT: COB L-Type Tunable White
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 12.0° / 30.0°
 Efficiency 92 %
 Peak intensity 8.1 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K



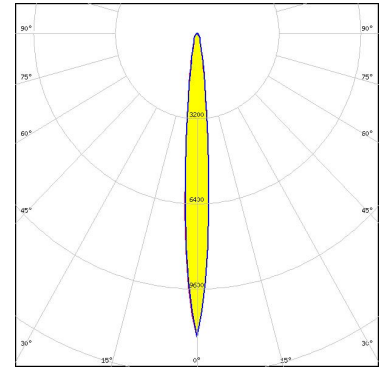
Light distribution files

Bender Wirth: 497 Typ L8 HV

OPTICAL RESULTS (SIMULATED):



LED NJNWS012Z-V1MT: COB S-Type Tunable White
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 10.0° / 24.0°
 Efficiency 92 %
 Peak intensity 11.4 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

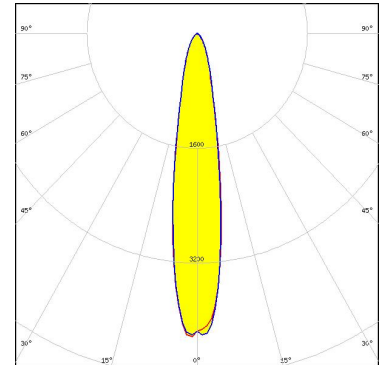


Light distribution files

Bender Wirth: 495 Typ L8 HV



LED NVCWJ024Z-V1MT: COB J-Type Tunable White
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 18.0° / 46.0°
 Efficiency 92 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

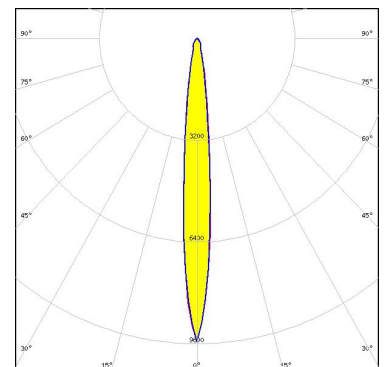


Light distribution files

Bender Wirth: 498 Typ L8 HV



LED LC010C G2
 Ordering code CP19136_AMY-50-S2-B2
 FWHM / FWTM 10.0° / 26.0°
 Efficiency 93 %
 Peak intensity 9.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



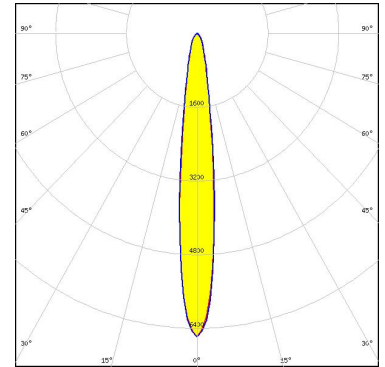
Light distribution files

BJB: 47.360.1020

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LC010T (Tunable White)
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 14.0° / 34.0°
 Efficiency 92 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:

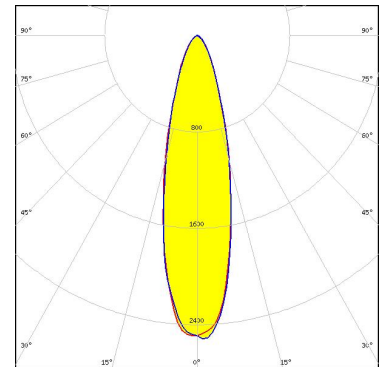


Bender Wirth: 501 Typ L8

Light distribution files

SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 Ordering code CP19136_AMY-50-S2-B2
 FWHM / FWTM 26.0° / 60.0°
 Efficiency 89 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

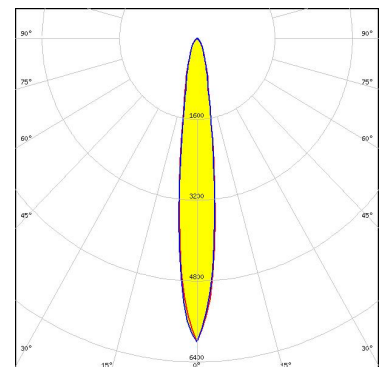


BJB: 47.360.1010

Light distribution files

SAMSUNG

LED LC020C G2
 Ordering code CP19136_AMY-50-S2-B2
 FWHM / FWTM 14.0° / 37.0°
 Efficiency 91 %
 Peak intensity 6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



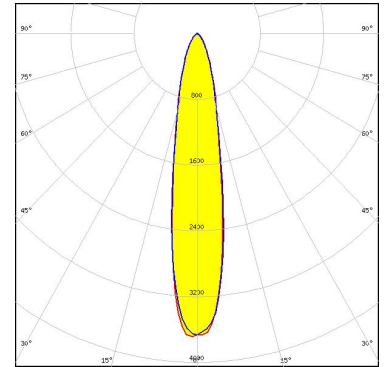
BJB: 47.360.1010

Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LC030C/040C G2
 Ordering code CP19136_AMY-50-S2-B2
 FWHM / FWTM 20.0° / 50.0°
 Efficiency 90 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

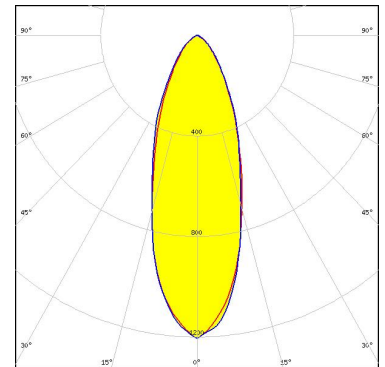


BJB: 47.360.1010

Light distribution files

SAMSUNG

LED LC040D / LC060D / LC080D
 FWHM / FWTM 36.0° / 82.0°
 Efficiency 73 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

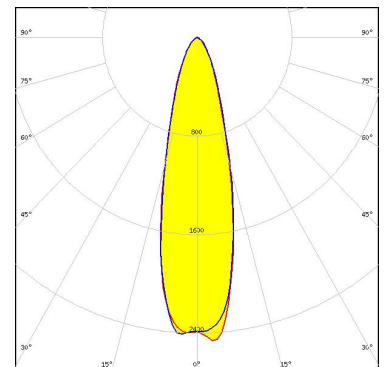


Bender Wirth: 631b Hekla XL

Light distribution files



LED MJT COB LES 14.5
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 28.0° / 61.0°
 Efficiency 91 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I

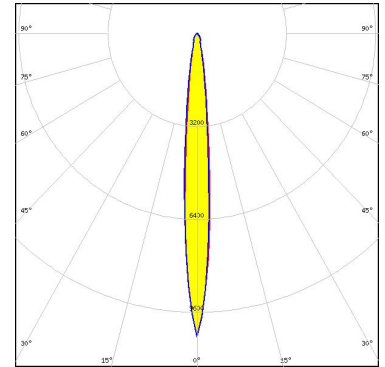


Light distribution files

OPTICAL RESULTS (SIMULATED):



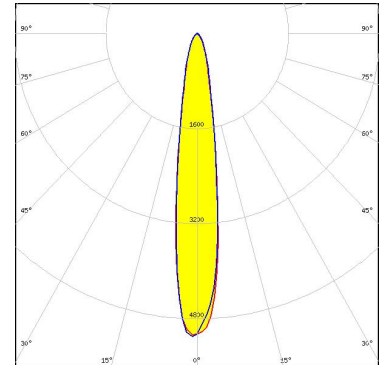
LED MJT COB LES 6
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 10.0° / 24.0°
 Efficiency 91 %
 Peak intensity 10.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files



LED MJT COB LES 9.8
 Ordering code CP19127_AMY-50-S2-C2
 FWHM / FWTM 16.0° / 40.0°
 Efficiency 91 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



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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