

YASMEEN-70-S

~15° spot beam

SPECIFICATION:

Dimensions	Ø 70.0
Height	37.7 mm
Fastening	socket
ROHS compliant	yes ⓘ

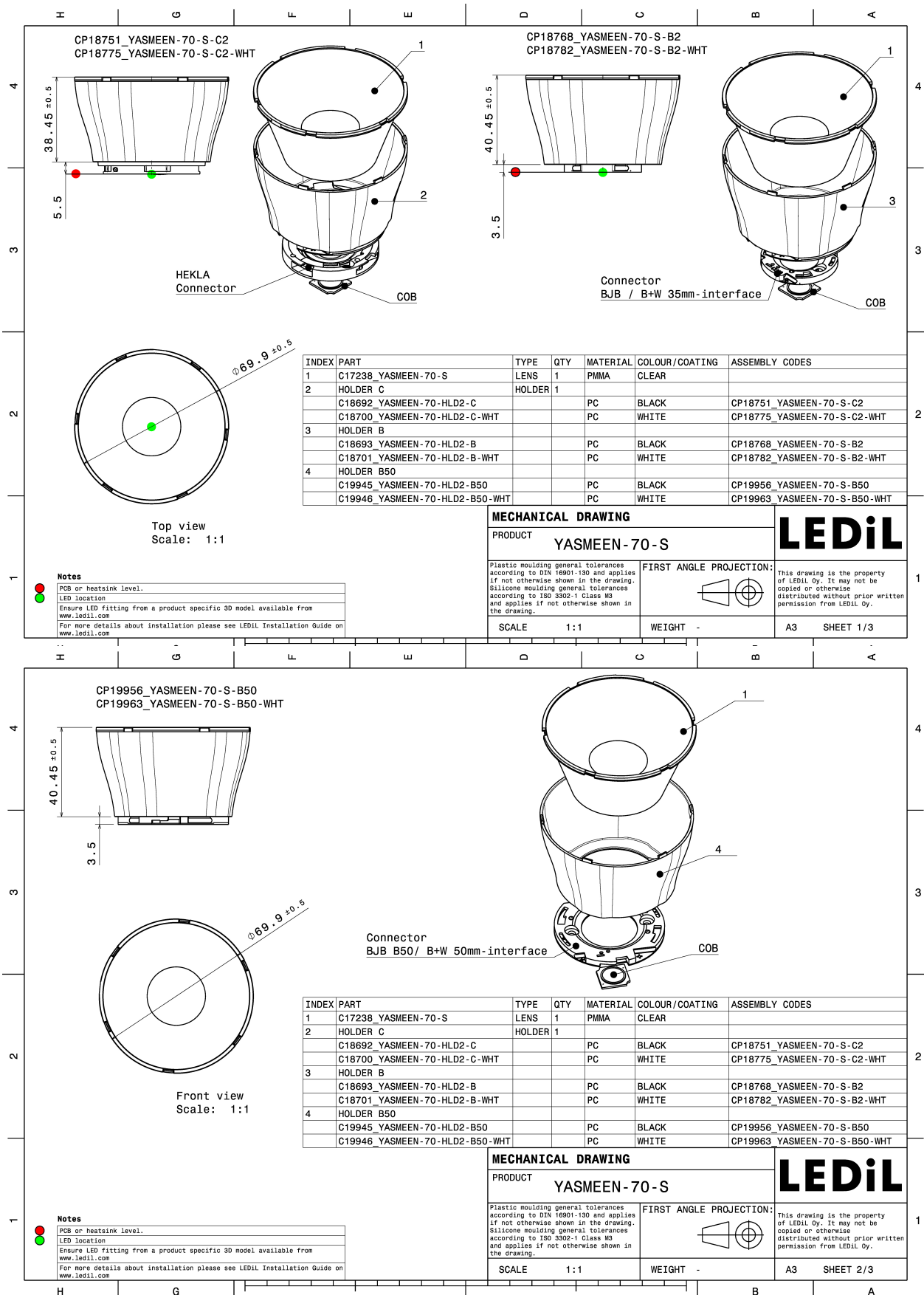
MATERIALS:

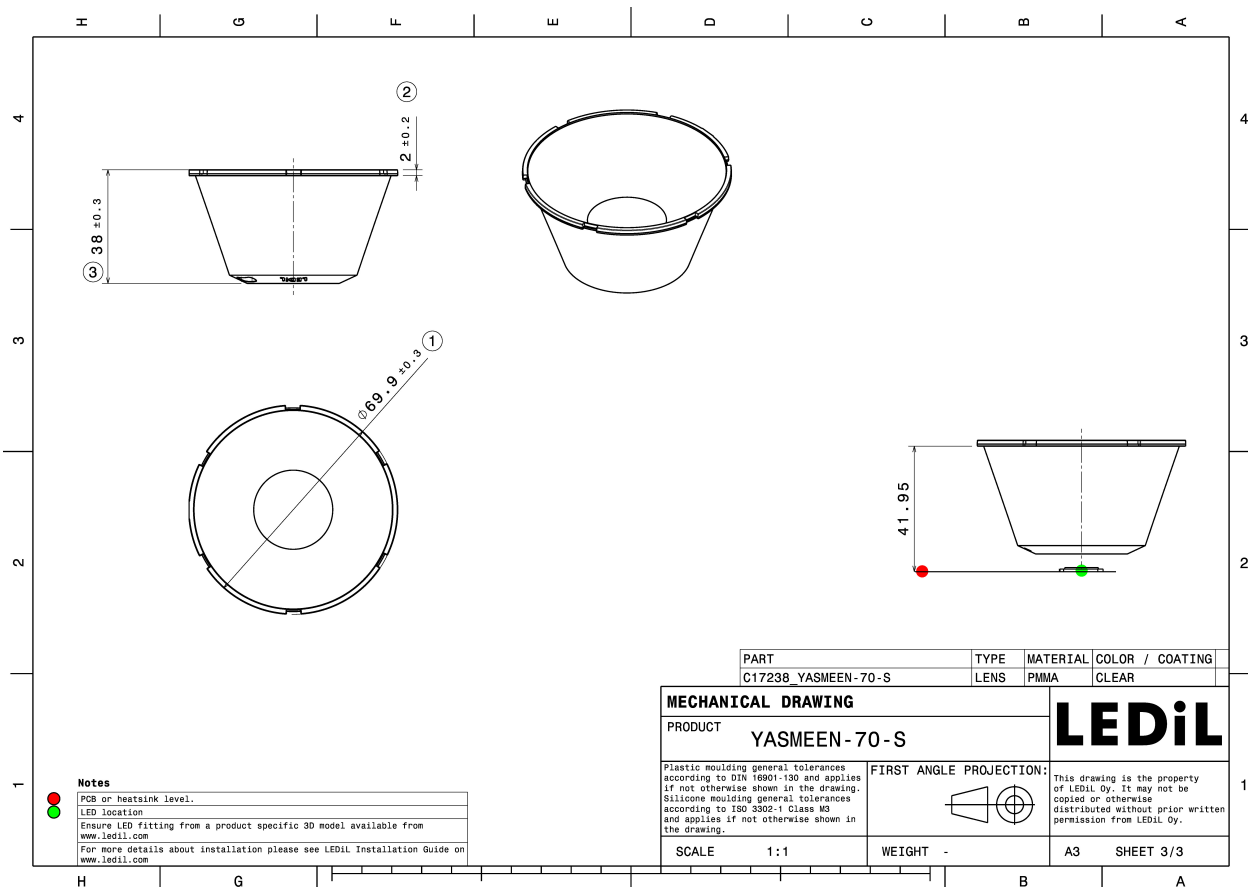


Component	Type	Material	Colour	Finish	Length (mm)
YASMEEN-70-S	Single lens	PMMA	clear		
YASMEEN-70-HLD2-C	Holder C	PC	black		
YASMEEN-70-HLD2-B	Holder B	PC	black		
YASMEEN-70-HLD2-C-WHT	Holder C	PC	white		
YASMEEN-70-HLD2-B-WHT	Holder B	PC	white		
YASMEEN-70-HLD2-B50	Holder B	PC	black		
YASMEEN-70-HLD2-B50-WHT	Holder B	PC	white		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17238_YASMEEN-70-S	105	105	15	8.0
Assembly				
CP19963_YASMEEN-70-S-B50-WHT	105	105	15	9.4
CP19956_YASMEEN-70-S-B50	105	105	15	9.4
CP18782_YASMEEN-70-S-B2-WHT	105	105	15	9.5
CP18775_YASMEEN-70-S-C2-WHT	105	105	15	9.4
CP18768_YASMEEN-70-S-B2	105	105	15	9.5
CP18751_YASMEEN-70-S-C2	105	105	15	9.4



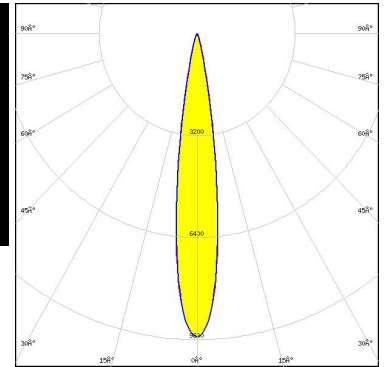


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



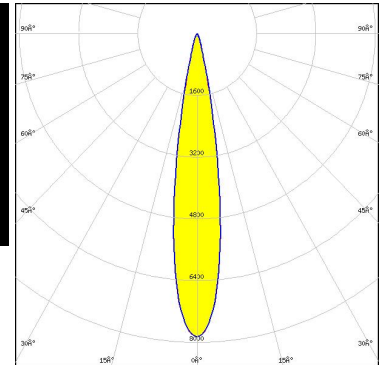
LED V10 Gen 8-9
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 16.0° / 27.0°
Efficiency 88 %
Peak intensity 9.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



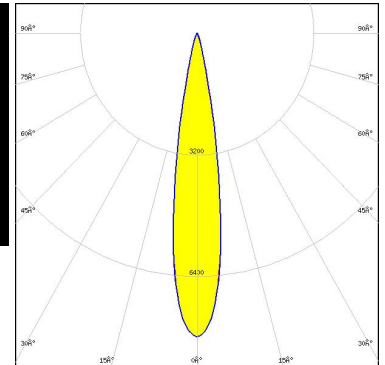
LED V11 HD Gen 8
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 18.0° / 30.0°
Efficiency 87 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 Bender Wirth: 633d Hekla



Light distribution files



LED V11 HD Gen 8
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 18.0° / 30.0°
Efficiency 93 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 Bender Wirth: 633d Hekla

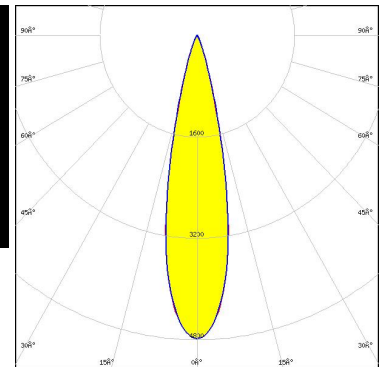


Light distribution files

OPTICAL RESULTS (MEASURED):



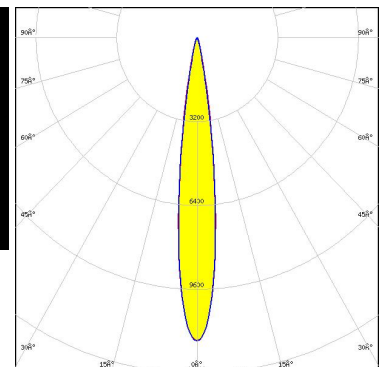
LED V13 Gen 8-9
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 23.0° / 39.0°
Efficiency 86 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files



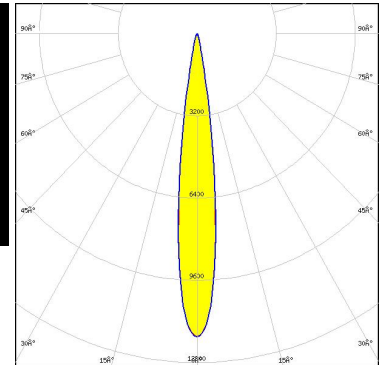
LED V8 Gen 8-9
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 14.0° / 25.0°
Efficiency 90 %
Peak intensity 11.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15253_HEKLA-SOCKET-A



Light distribution files



LED V9 HD Gen7
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 14.0° / 24.0°
Efficiency 87 %
Peak intensity 12.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15859_HEKLA-SOCKET-I

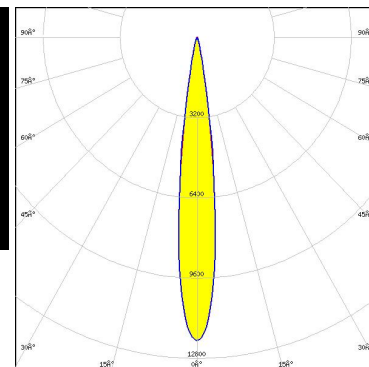


Light distribution files

OPTICAL RESULTS (MEASURED):



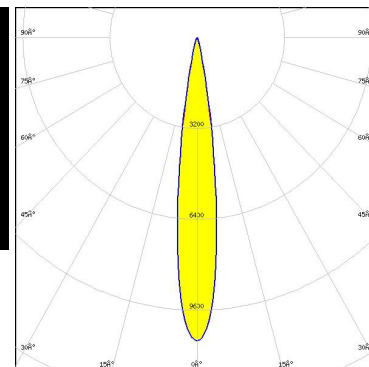
LED V9 HD Gen7
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 13.0° / 24.0°
Efficiency 92 %
Peak intensity 12.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files



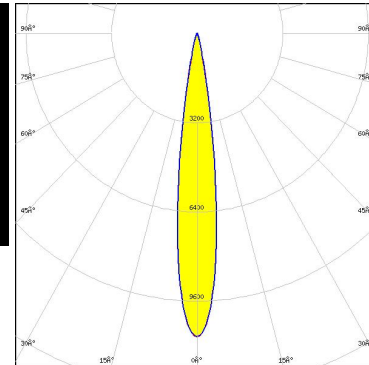
LED VERO10
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 14.0° / 25.0°
Efficiency 88 %
Peak intensity 10.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15616_HEKLA-SOCKET-F



Light distribution files



LED VERO10
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 14.0° / 25.0°
Efficiency 93 %
Peak intensity 10.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15616_HEKLA-SOCKET-F

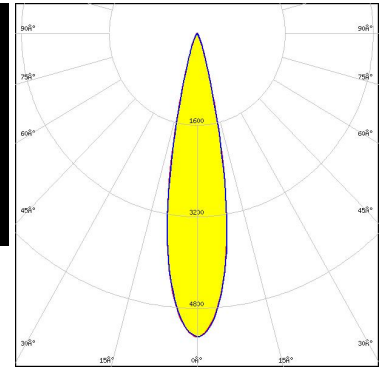


Light distribution files

OPTICAL RESULTS (MEASURED):



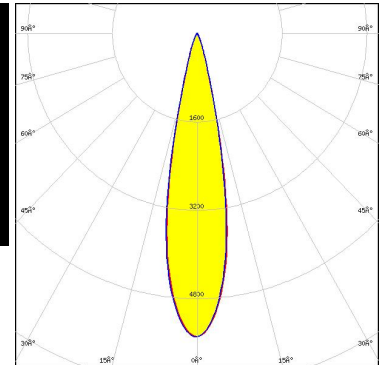
LED Vesta DTW 13mm (21W)
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 22.0° / 37.0°
 Efficiency 86 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 632b Hekla XL



Light distribution files



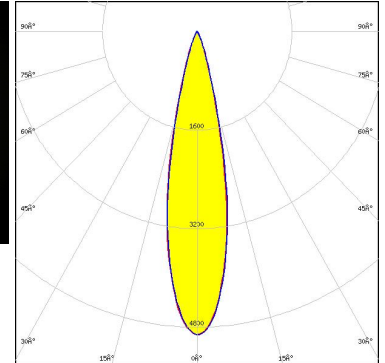
LED Vesta DTW 13mm (21W)
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 22.0° / 36.0°
 Efficiency 92 %
 Peak intensity 5.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 632b Hekla XL



Light distribution files



LED Vesta DTW 15mm (33W)
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 23.0° / 39.0°
 Efficiency 86 %
 Peak intensity 4.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 632b Hekla XL

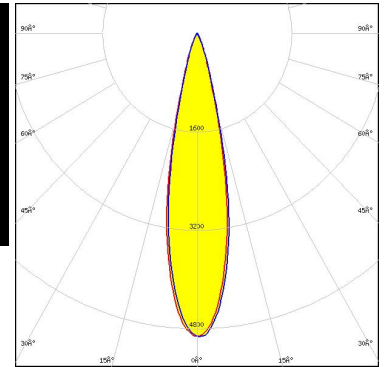
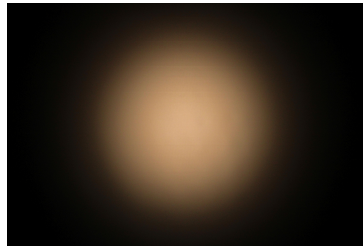


Light distribution files

OPTICAL RESULTS (MEASURED):



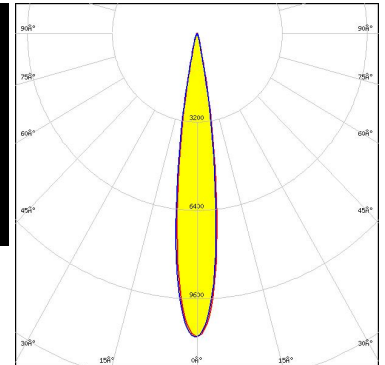
LED Vesta DTW 15mm (33W)
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 23.0° / 39.0°
 Efficiency 92 %
 Peak intensity 4.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 632b Hekla XL



Light distribution files



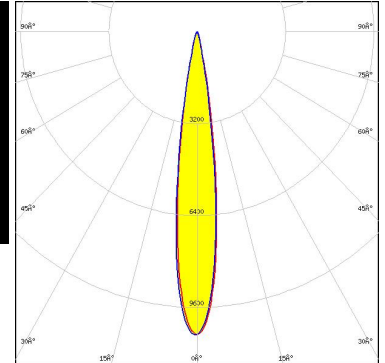
LED Vesta DTW 9mm (4W/6W/12W)
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 15.0° / 25.0°
 Efficiency 93 %
 Peak intensity 11 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 652b Hekla



Light distribution files



LED Vesta DTW 9mm (4W/6W/12W)
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 15.0° / 26.0°
 Efficiency 88 %
 Peak intensity 10.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 652b Hekla

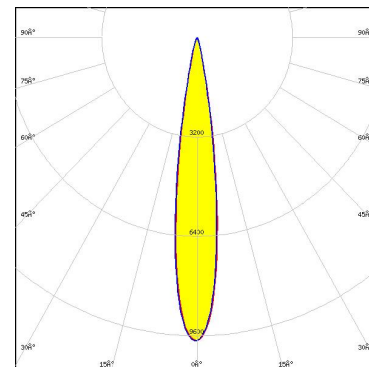


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

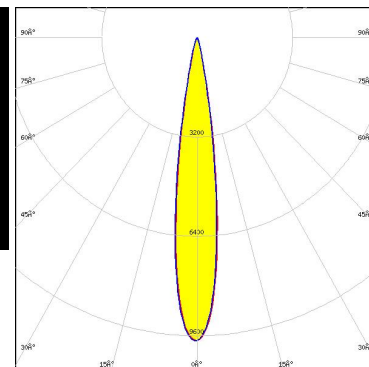
LED CLU02x (LES10)
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 16.0° / 27.0°
 Efficiency 87 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files

CITIZEN

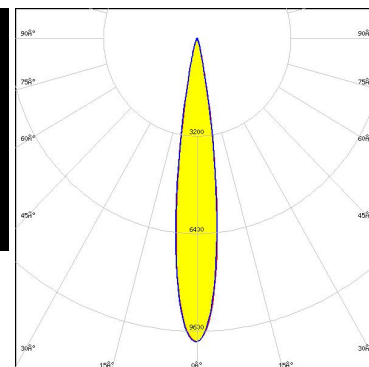
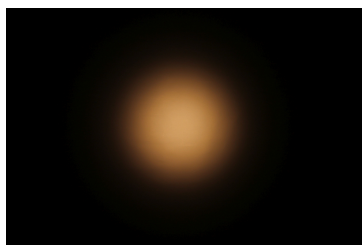
LED CLU02x (LES10)
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 15.0° / 27.0°
 Efficiency 87 %
 Peak intensity 9.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files

CITIZEN

LED CLU02x (LES10)
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 15.5° / 26.5°
 Efficiency 92 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C

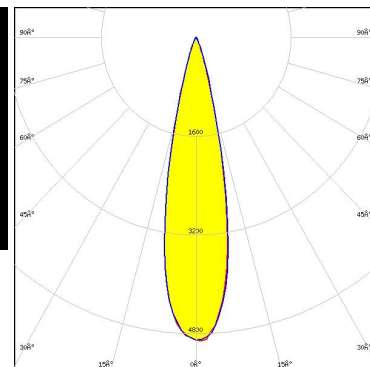


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

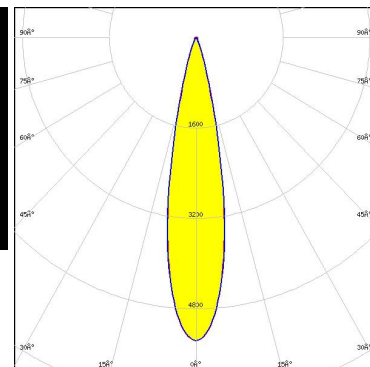
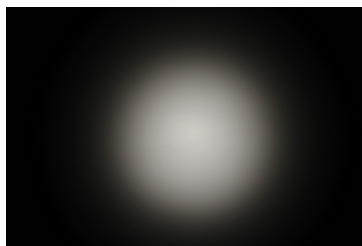
LED CLU03x
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 21.0° / 37.0°
Efficiency 92 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17438_HEKLA-G2-I



Light distribution files

CITIZEN

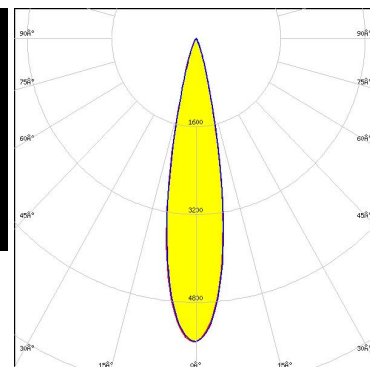
LED CLU03x
Ordering code CP18768_YASMEEN-70-S-B2
FWHM / FWTM 21.0° / 37.0°
Efficiency 86 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
BJB: 47.360.1010



Light distribution files

CITIZEN

LED CLU03x
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 21.0° / 36.5°
Efficiency 85 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17438_HEKLA-G2-I

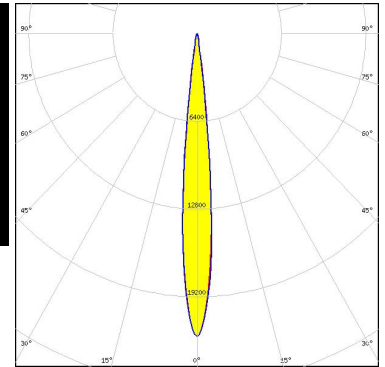
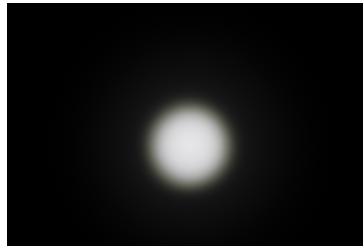


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

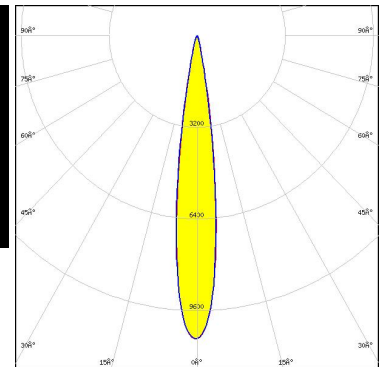
LED CLU7L3
 Ordering code CP18768_YASMEEN-70-S-B2
 FWHM / FWTM 11.0° / 17.0°
 Efficiency 91 %
 Peak intensity 22.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19425_SOCKET-B-35-N



Light distribution files



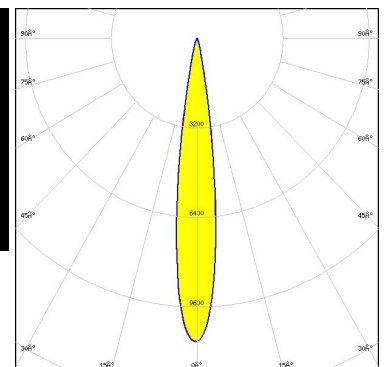
LED CMA1516
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 14.0° / 25.0°
 Efficiency 87 %
 Peak intensity 10.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17436_HEKLA-G2-D



Light distribution files



LED CMA1516
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 14.0° / 25.0°
 Efficiency 93 %
 Peak intensity 10.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17436_HEKLA-G2-D

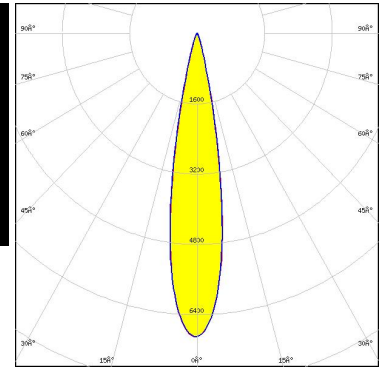


Light distribution files

OPTICAL RESULTS (MEASURED):



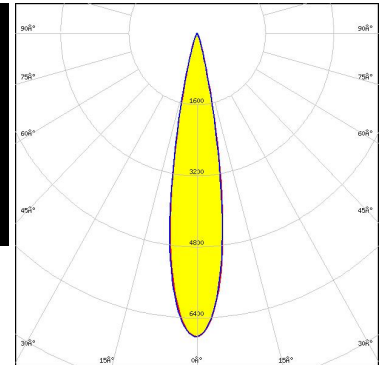
LED CMA1825
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 19.0° / 32.0°
Efficiency 93 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15254_HEKLA-SOCKET-B



Light distribution files



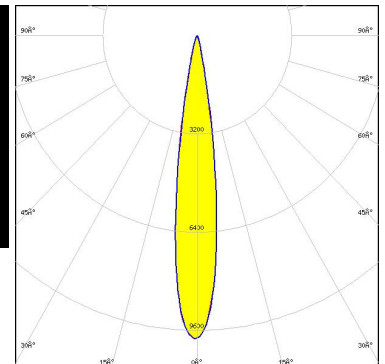
LED CMA1825
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 19.0° / 32.0°
Efficiency 87 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15254_HEKLA-SOCKET-B



Light distribution files



LED CMT14xx
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 15.0° / 26.0°
Efficiency 86 %
Peak intensity 10.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17435_HEKLA-G2-C

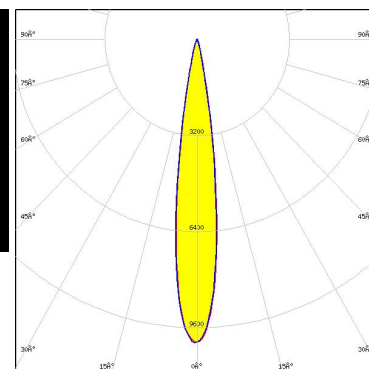


Light distribution files

OPTICAL RESULTS (MEASURED):



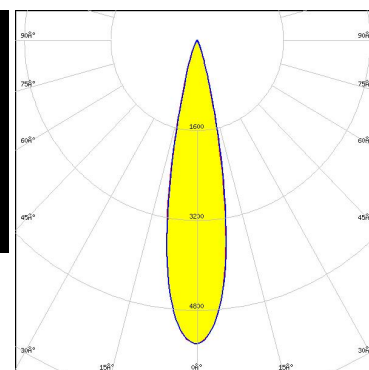
LED CMT14xx
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 15.0° / 26.0°
Efficiency 92 %
Peak intensity 10.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17435_HEKLA-G2-C



Light distribution files



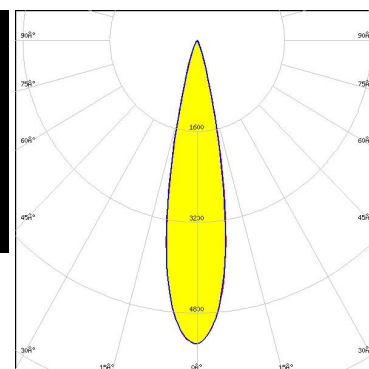
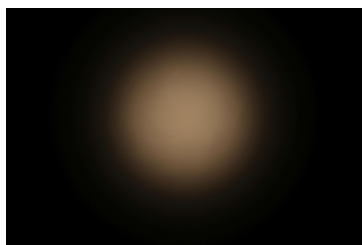
LED CMT19xx
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 21.0° / 36.0°
Efficiency 92 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17438_HEKLA-G2-I



Light distribution files



LED CMT19xx
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 21.0° / 36.0°
Efficiency 85 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17438_HEKLA-G2-I

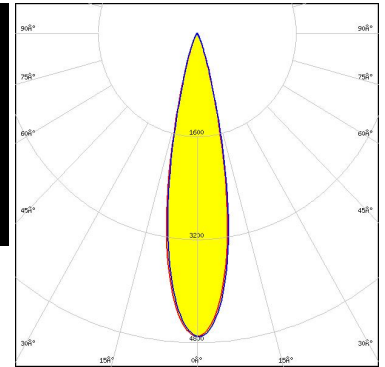


Light distribution files

OPTICAL RESULTS (MEASURED):



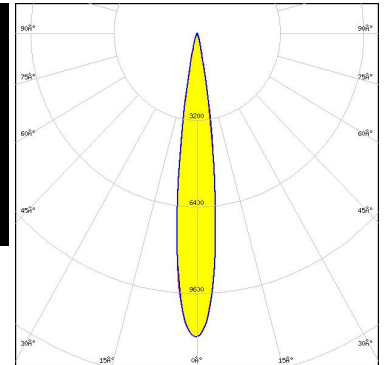
LED CMU15xx
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 23.0° / 39.0°
Efficiency 84 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17438_HEKLA-G2-I



Light distribution files



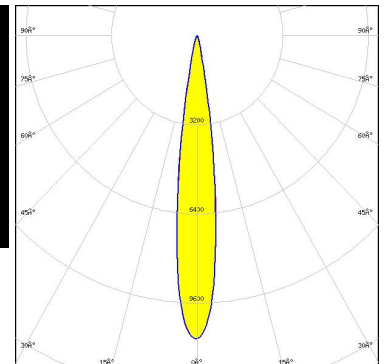
LED LUXEON CoB 1202/1203
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 14.0° / 24.0°
Efficiency 92 %
Peak intensity 11.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17437_HEKLA-G2-H



Light distribution files



LED LUXEON CoB 1202/1203
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 14.0° / 24.0°
Efficiency 86 %
Peak intensity 11.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17437_HEKLA-G2-H

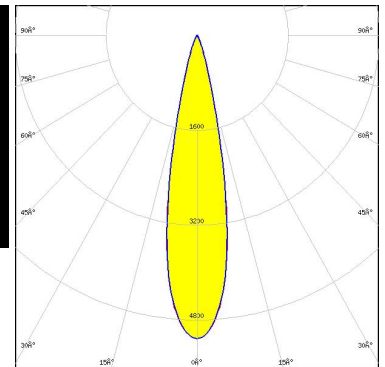


Light distribution files

OPTICAL RESULTS (MEASURED):



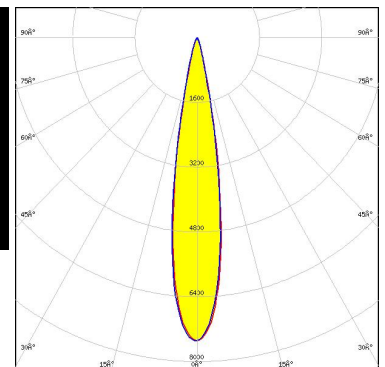
LED CTM-14 (Tunable White) Gen2
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 22.0° / 38.0°
 Efficiency 85 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 442 Typ L8



Light distribution files



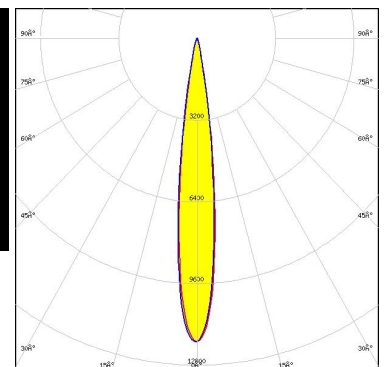
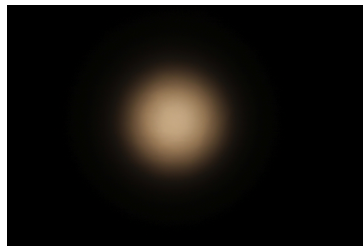
LED COB L-Type (LES 11)
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 17.0° / 30.0°
 Efficiency 86 %
 Peak intensity 7.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17437_HEKLA-G2-H



Light distribution files



LED COB L-Type (LES 9)
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 13.0° / 24.0°
 Efficiency 92 %
 Peak intensity 11.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17437_HEKLA-G2-H

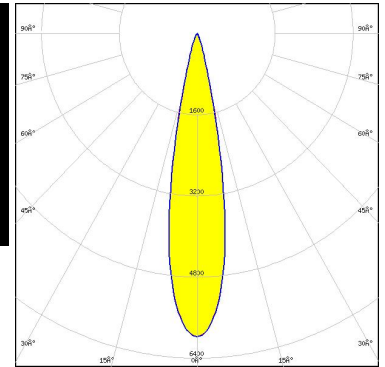


Light distribution files

OPTICAL RESULTS (MEASURED):



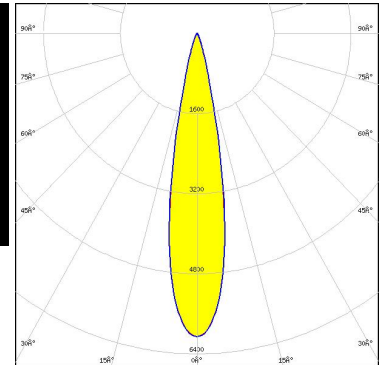
LED COB S-Type (LES 7)
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 20.0° / 34.0°
 Efficiency 85 %
 Peak intensity 6.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files



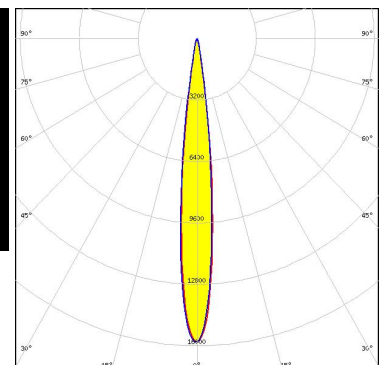
LED COB S-Type (LES 7)
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 20.0° / 34.0°
 Efficiency 92 %
 Peak intensity 6.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files



LED Fortimo SLM C TW L06A 1313 G7N
 FWHM / FWTM 12.0° / 21.0°
 Efficiency 93 %
 Peak intensity 15.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 508 Typ L8

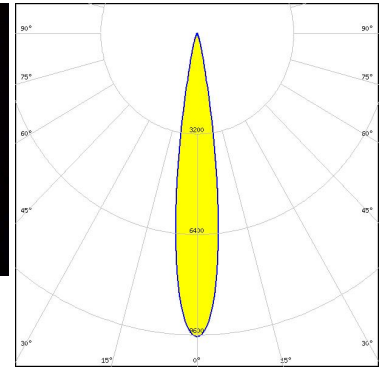


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

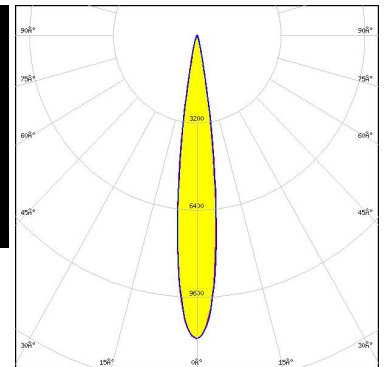
LED Fortimo SLM C TW L09A 1919 G7N
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 16.0° / 27.0°
 Efficiency 93 %
 Peak intensity 9.7 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 501 Typ L8



Light distribution files

PHILIPS

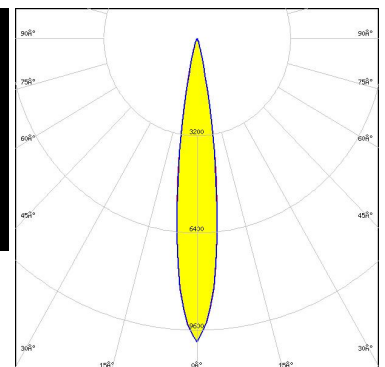
LED Fortimo SLM L09 CoB
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 14.0° / 25.0°
 Efficiency 92 %
 Peak intensity 11.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17437_HEKLA-G2-H



Light distribution files

PHILIPS

LED Fortimo SLM L09 CoB
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 14.0° / 25.0°
 Efficiency 86 %
 Peak intensity 11.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17437_HEKLA-G2-H

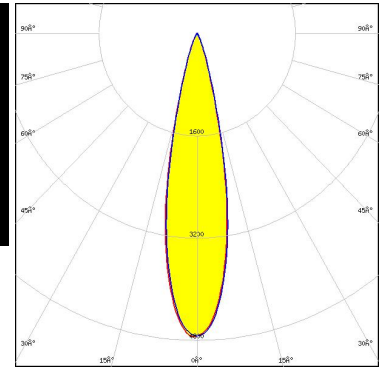


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

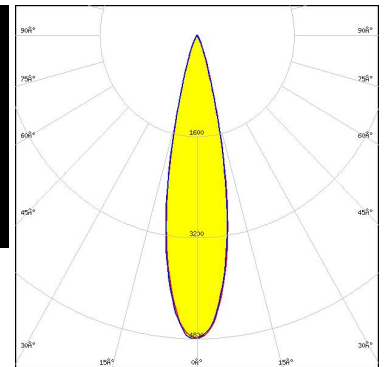
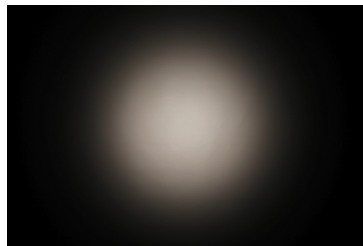
LED LC016D / LC019D / LC026D / LC033D
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 23.0° / 39.0°
 Efficiency 85 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files

SAMSUNG

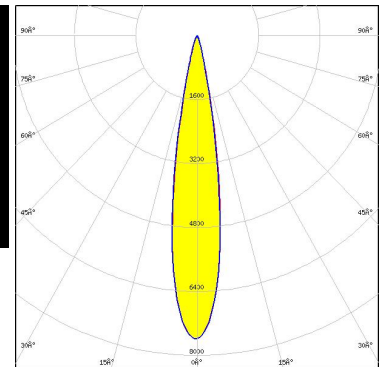
LED LC016D / LC019D / LC026D / LC033D
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 23.0° / 40.0°
 Efficiency 92 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files

SAMSUNG

LED LC030C/040C G2
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 17.0° / 30.0°
 Efficiency 86 %
 Peak intensity 7.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I

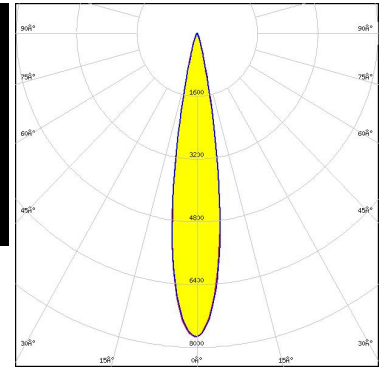


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

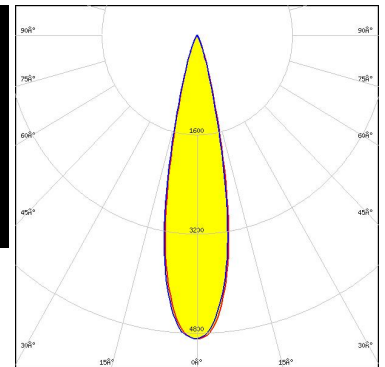
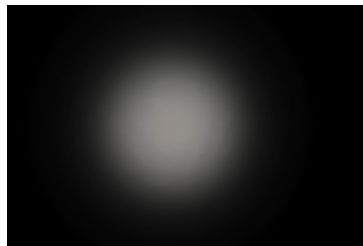
LED LC030C/040C G2
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 17.0° / 30.0°
 Efficiency 92 %
 Peak intensity 7.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files



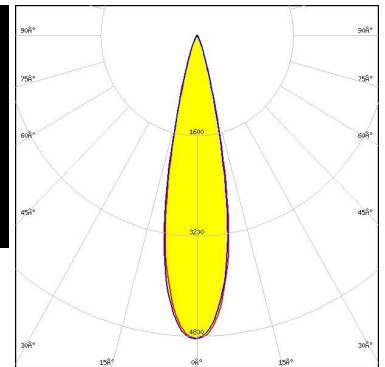
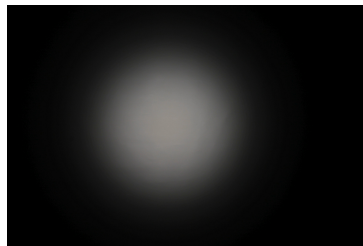
LED MJT COB LES 14.5
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 23.0° / 39.0°
 Efficiency 92 %
 Peak intensity 4.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files



LED MJT COB LES 14.5
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 23.0° / 38.0°
 Efficiency 85 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I

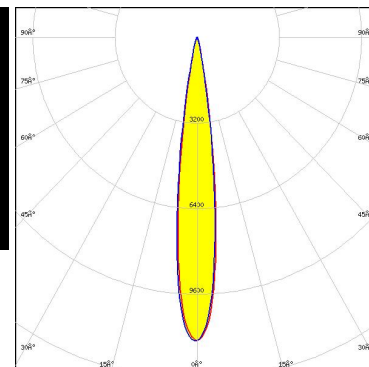


Light distribution files

OPTICAL RESULTS (MEASURED):

TRIDONIC

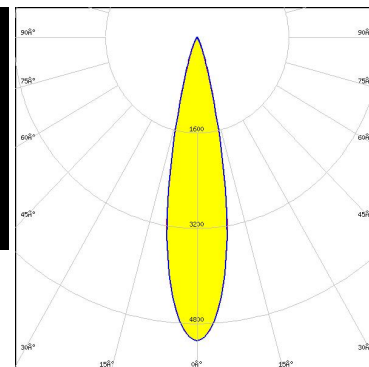
LED SLE G7 LES09
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 15.0° / 25.0°
 Efficiency 93 %
 Peak intensity 11.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files

TRIDONIC

LED SLE G7 LES15
 Ordering code CP18775_YASMEEN-70-S-C2-WHT
 FWHM / FWTM 22.0° / 38.0°
 Efficiency 92 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



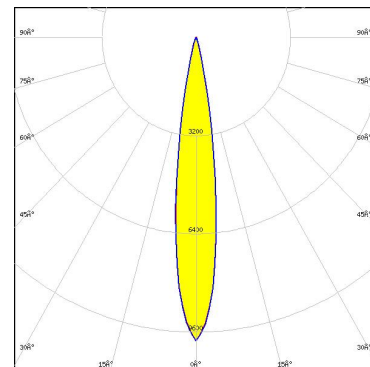
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED V10 Gen 8-9
Ordering code CP18768_YASMEEN-70-S-B2
FWHM / FWTM 16.0° / 28.0°
Efficiency 88 %
Peak intensity 9.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

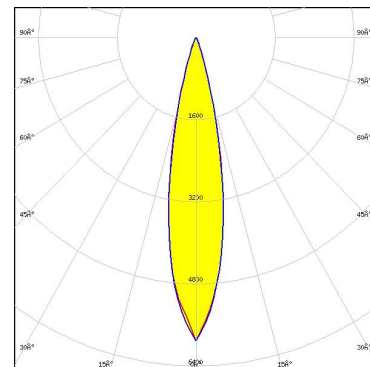
BJB: 47.360.1020



Light distribution files



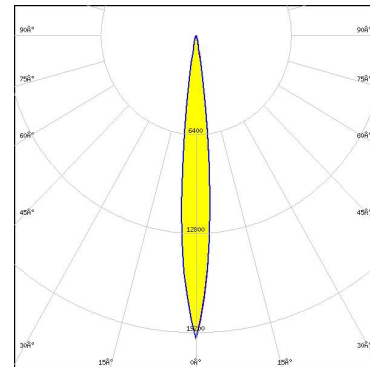
LED V13 Gen7
Ordering code C17238_YASMEEN-70-S
FWHM / FWTM 22.0° / 36.0°
Efficiency 90 %
Peak intensity 5.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED V3 HD Gen 8
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 11.0° / 20.0°
Efficiency 91 %
Peak intensity 19.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15253_HEKLA-SOCKET-A

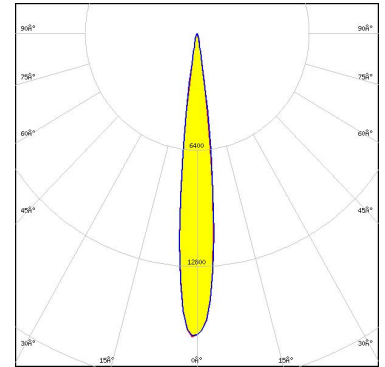


Light distribution files

OPTICAL RESULTS (SIMULATED):



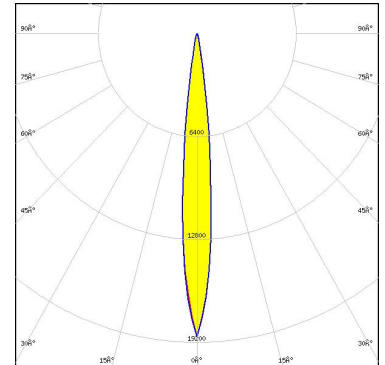
LED V3 HD Gen 8 FC
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 12.0° / 20.0°
 Efficiency 90 %
 Peak intensity 16.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



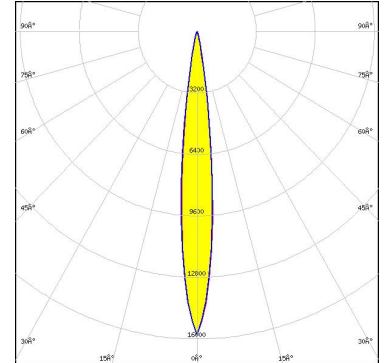
LED V4 HD Gen 8
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 12.0° / 20.0°
 Efficiency 91 %
 Peak intensity 18.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15253_HEKLA-SOCKET-A



Light distribution files



LED V6 Gen 8-9
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 91 %
 Peak intensity 15.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15253_HEKLA-SOCKET-A

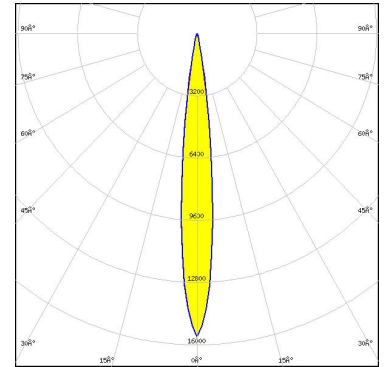


Light distribution files

OPTICAL RESULTS (SIMULATED):



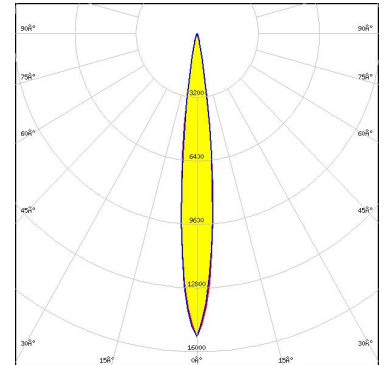
LED V6 HD Gen 7
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 89 %
 Peak intensity 15.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



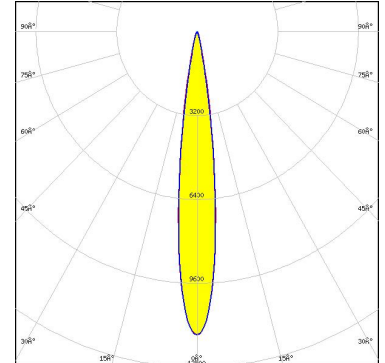
LED V6 HD Gen 8
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 90 %
 Peak intensity 15.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



LED V8 Gen 8-9
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 14.0° / 24.0°
 Efficiency 88 %
 Peak intensity 13.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15253_HEKLA-SOCKET-A

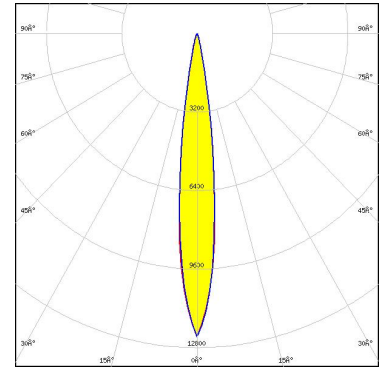


Light distribution files

OPTICAL RESULTS (SIMULATED):



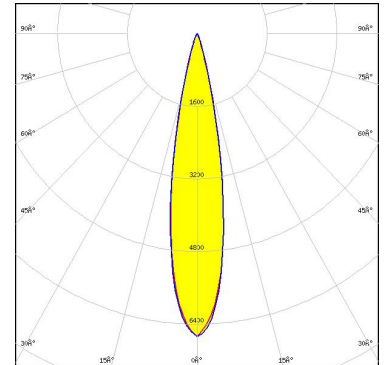
LED V9 HD Gen 8
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 88 %
 Peak intensity 12.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files



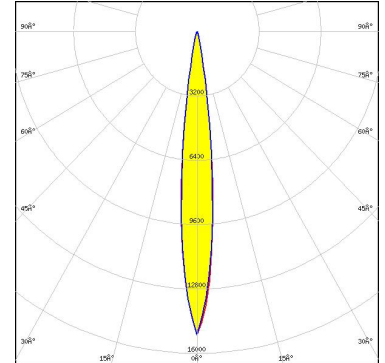
LED VERO13
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 20.0° / 34.0°
 Efficiency 89 %
 Peak intensity 6.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K



Light distribution files



LED Vesta DTW 6mm
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 89 %
 Peak intensity 15.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



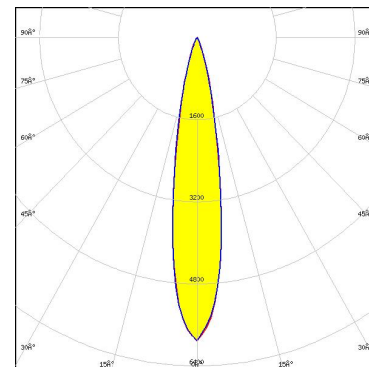
Bender Wirth: 652b Hekla

Light distribution files

OPTICAL RESULTS (SIMULATED):



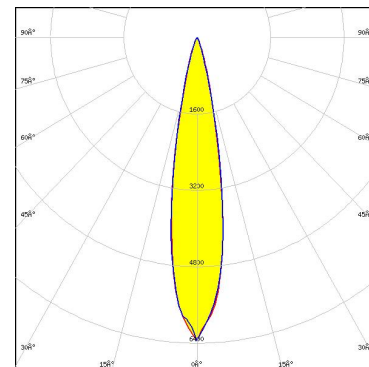
LED Vesta SE 13mm TW
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 18.0° / 37.0°
 Efficiency 82 %
 Peak intensity 5.9 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K



Light distribution files



LED Vesta TW 13mm (18W) DP
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 20.0° / 35.0°
 Efficiency 86 %
 Peak intensity 6.4 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

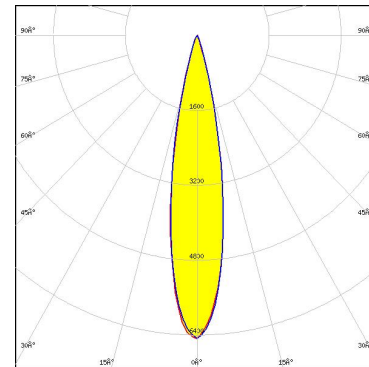


Light distribution files

Bender Wirth: 492 Typ L8



LED Vesta TW 13mm (25W) CSP
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 20.0° / 34.0°
 Efficiency 90 %
 Peak intensity 6.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K

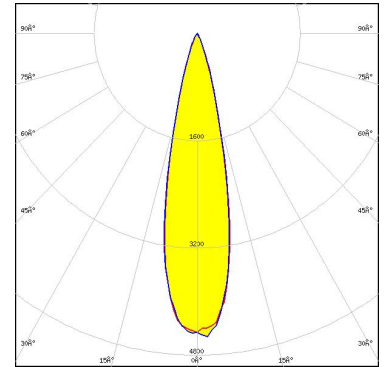


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED Vesta TW 15mm DP
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 24.0° / 42.0°
 Efficiency 85 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

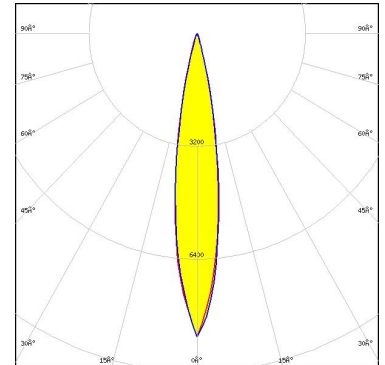


Light distribution files

Bender Wirth: 482 Typ L8



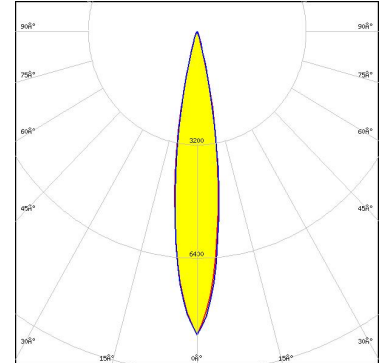
LED Vesta TW 9mm (12W) CSP
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 16.0° / 30.0°
 Efficiency 90 %
 Peak intensity 8.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K



Light distribution files



LED Vesta TW 9mm (9W) DP
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 17.0° / 31.0°
 Efficiency 90 %
 Peak intensity 8.6 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K



Light distribution files

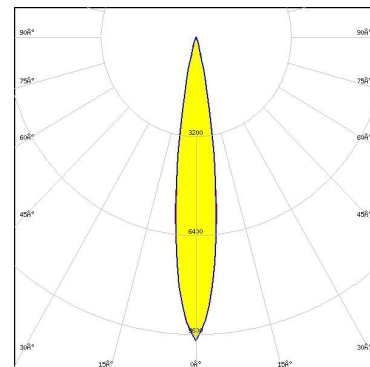
Bender Wirth: 489 Typ L8

OPTICAL RESULTS (SIMULATED):

CITIZEN

LED	CLU02x (LES10)
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	16.0° / 28.0°
Efficiency	88 %
Peak intensity	9.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

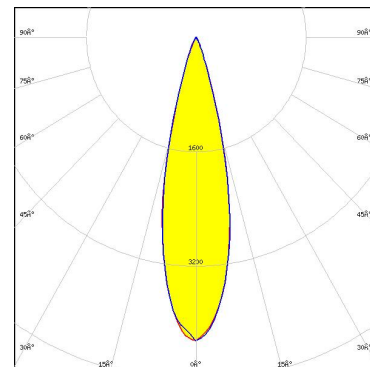
BJB: 47.360.1020



Light distribution files

CITIZEN

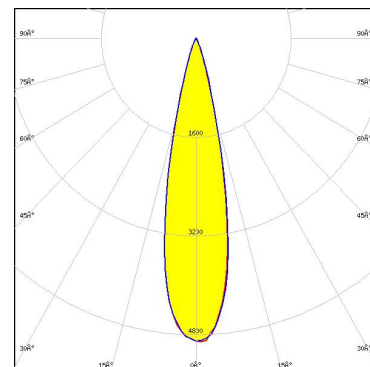
LED	CLU03Q Type-F
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	26.0° / 42.0°
Efficiency	86 %
Peak intensity	4.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F17438_HEKLA-G2-I



Light distribution files

CITIZEN

LED	CLU03x
Ordering code	CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM	23.0° / 38.0°
Efficiency	86 %
Peak intensity	4.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F17438_HEKLA-G2-I



Light distribution files

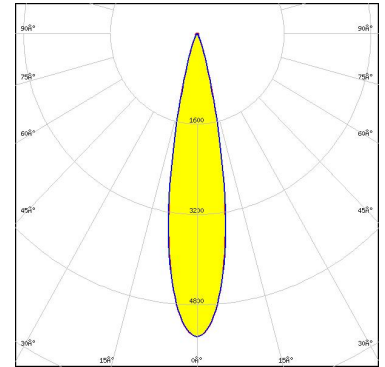
OPTICAL RESULTS (SIMULATED):

CITIZEN

LED	CLU03x
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	22.0° / 38.0°
Efficiency	83 %
Peak intensity	4.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

BJB: 47.360.1010

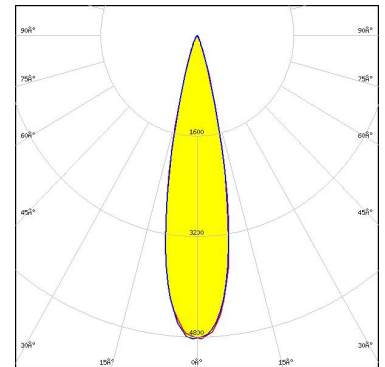
Light distribution files



CITIZEN

LED	CLU03x
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	22.0° / 38.0°
Efficiency	83 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F17438_HEKLA-G2-I

Light distribution files

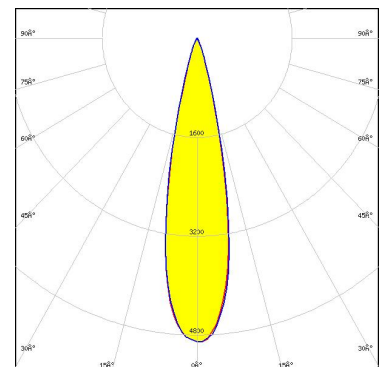


CITIZEN

LED	CLU03x
Ordering code	CP18782_YASMEEN-70-S-B2-WHT
FWHM / FWTM	23.0° / 38.0°
Efficiency	86 %
Peak intensity	4.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

BJB: 47.360.1010

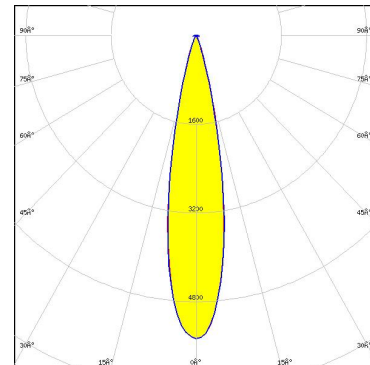
Light distribution files



OPTICAL RESULTS (SIMULATED):

CITIZEN

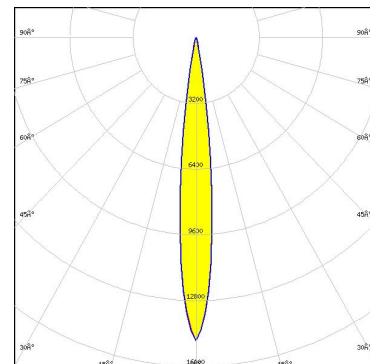
LED	CLU03x
Ordering code	C17238_YASMEEN-70-S
FWHM / FWTM	22.0° / 36.0°
Efficiency	94 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CITIZEN

LED	CLU700/701/702/703
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	12.0° / 22.0°
Efficiency	85 %
Peak intensity	14.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

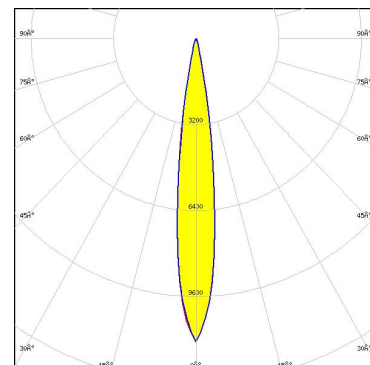


Light distribution files

BJB: 47.360.1020

CITIZEN

LED	CLU712/713
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	14.0° / 26.0°
Efficiency	87 %
Peak intensity	11.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F17438_HEKLA-G2-I

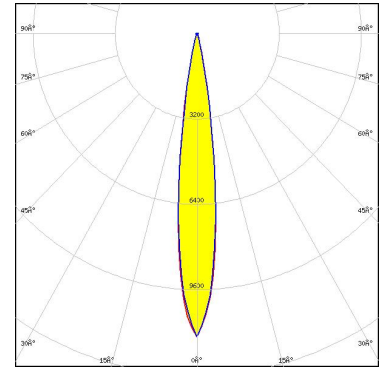


Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

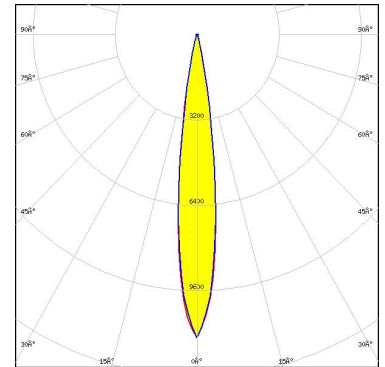
LED CLU712/713
FWHM / FWTM 14.0° / 26.0°
Efficiency 94 %
Peak intensity 11.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CITIZEN

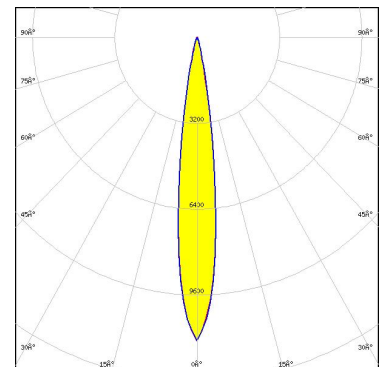
LED CLU712/713
Ordering code C17238_YASMEEN-70-S
FWHM / FWTM 14.0° / 26.0°
Efficiency 94 %
Peak intensity 11.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CITIZEN

LED CLU712/713
Ordering code CP18775_YASMEEN-70-S-C2-WHT
FWHM / FWTM 14.0° / 26.0°
Efficiency 93 %
Peak intensity 11.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F17438_HEKLA-G2-I



Light distribution files

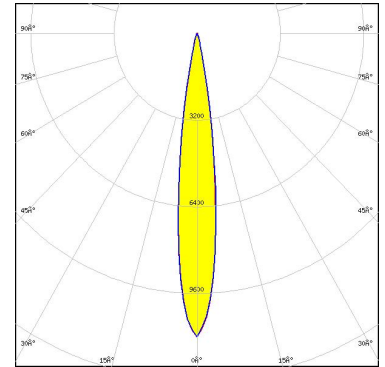
OPTICAL RESULTS (SIMULATED):

CITIZEN

LED CLU712/713
 Ordering code CP18768_YASMEEN-70-S-B2
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 88 %
 Peak intensity 11.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

BJB: 47.360.1010

Light distribution files

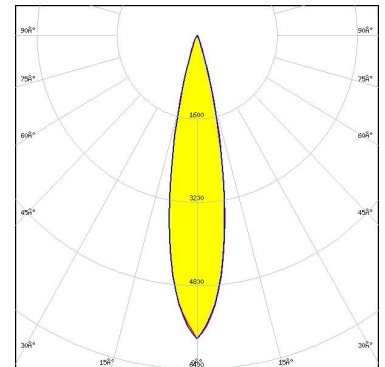


CITIZEN

LED CLU733 Type-F
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 22.0° / 36.0°
 Efficiency 88 %
 Peak intensity 5.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 631b Hekla XL

Light distribution files

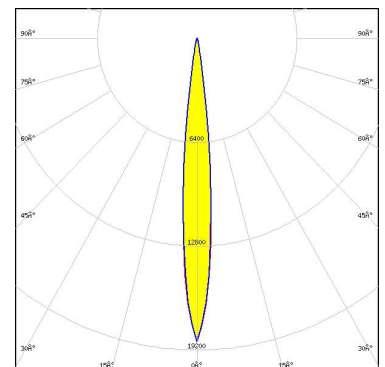


CITIZEN

LED CLU7A2/7A3
 Ordering code CP18768_YASMEEN-70-S-B2
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 89 %
 Peak intensity 18.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

BJB: 47.360.1020

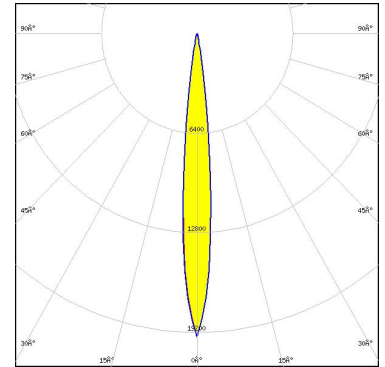
Light distribution files



OPTICAL RESULTS (SIMULATED):



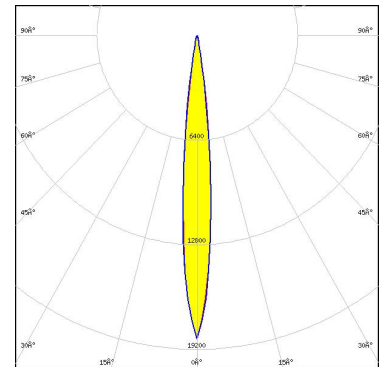
LED CHA0304
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 10.0° / 20.0°
Efficiency 88 %
Peak intensity 19.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F17435_HEKLA-G2-C



Light distribution files



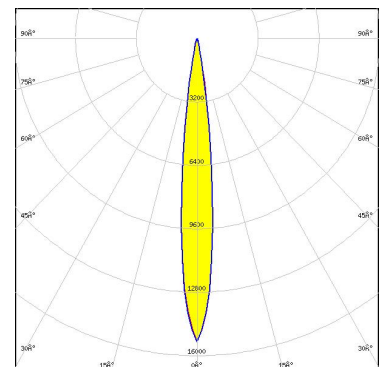
LED CHA0410
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 10.0° / 20.0°
Efficiency 88 %
Peak intensity 18.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F17435_HEKLA-G2-C



Light distribution files



LED CHA0612
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 12.0° / 22.0°
Efficiency 88 %
Peak intensity 15.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F17435_HEKLA-G2-C

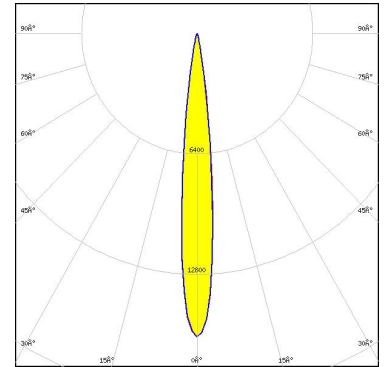


Light distribution files

OPTICAL RESULTS (SIMULATED):



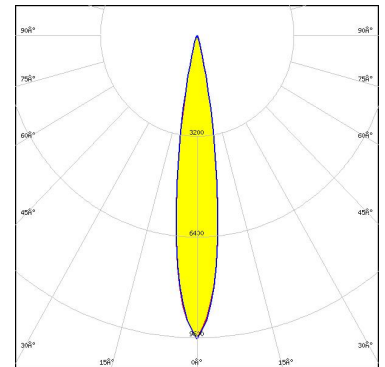
LED CMA1306
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 88 %
 Peak intensity 16.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files



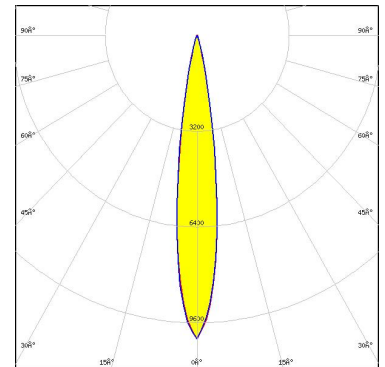
LED CMU10xx
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 87 %
 Peak intensity 9.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files



LED CMU10xx
 Ordering code CP18768_YASMEEN-70-S-B2
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 89 %
 Peak intensity 10.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



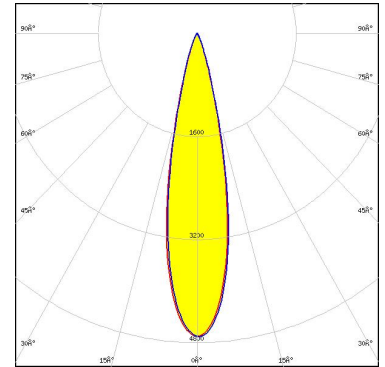
Light distribution files

BJB: 47.360.1020

OPTICAL RESULTS (SIMULATED):



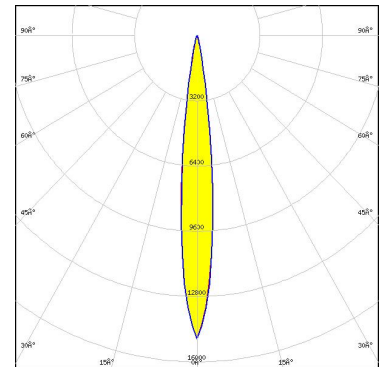
LED CMU15xx
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 22.0° / 38.0°
 Efficiency 86 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files



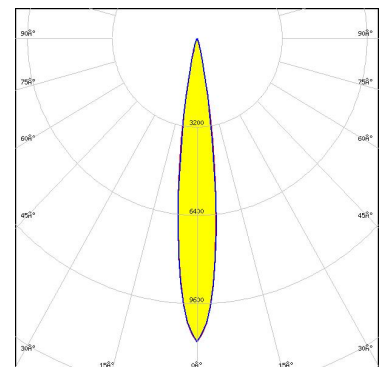
LED CXA/B 13xx
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 88 %
 Peak intensity 14.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17439_HEKLA-G2-J



Light distribution files



LED CXA/B 15xx
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 87 %
 Peak intensity 11 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17436_HEKLA-G2-D

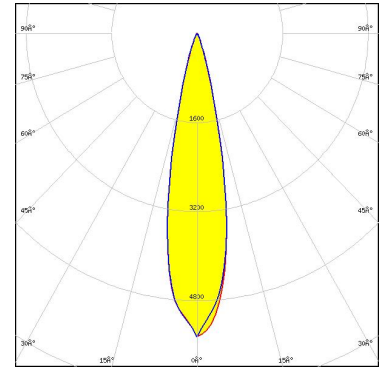


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED	CXA/B 1830
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	22.0° / 36.0°
Efficiency	87 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

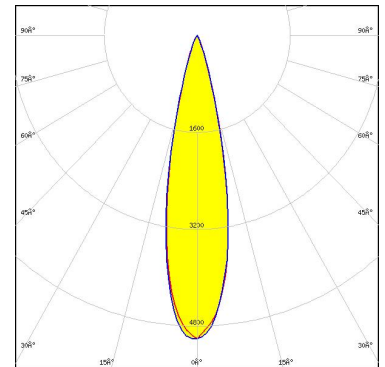


Bender Wirth: 637b Hekla

Light distribution files



LED	LUXEON CX Plus CoB L08 (Gen2)
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	24.0° / 40.0°
Efficiency	88 %
Peak intensity	5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

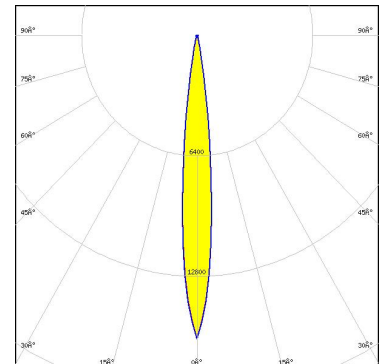


Bender Wirth: 637a Hekla

Light distribution files



LED	LUXEON 7070
FWHM / FWTM	12.0° / 22.0°
Efficiency	94 %
Peak intensity	16.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

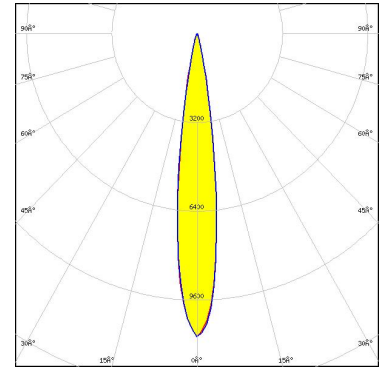


Light distribution files

OPTICAL RESULTS (SIMULATED):



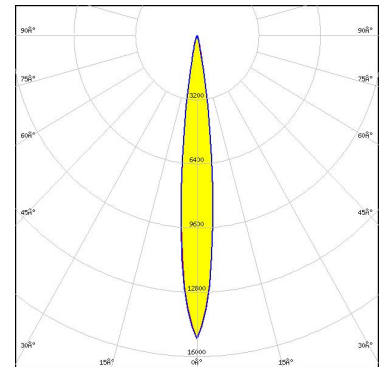
LED LUXEON CoB 1202/1203
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 88 %
 Peak intensity 10.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15858_HEKLA-SOCKET-H



Light distribution files



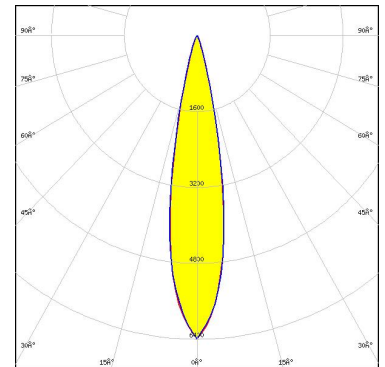
LED LUXEON CoB 1202HD
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 91 %
 Peak intensity 15.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15848_HEKLA-SOCKET-G



Light distribution files



LED LUXEON CoB 1204/1205
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 20.0° / 34.0°
 Efficiency 88 %
 Peak intensity 6.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



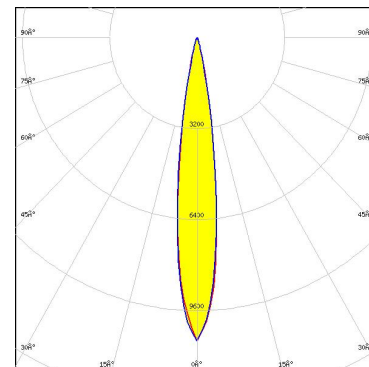
Light distribution files

Bender Wirth: 632a Hekla XL

OPTICAL RESULTS (SIMULATED):



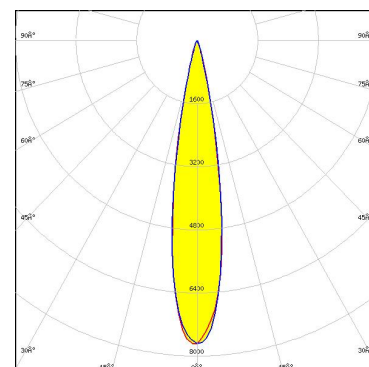
LED LUXEON CoB 1204HD
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 16.0° / 26.0°
 Efficiency 88 %
 Peak intensity 10.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15858_HEKLA-SOCKET-H



Light distribution files



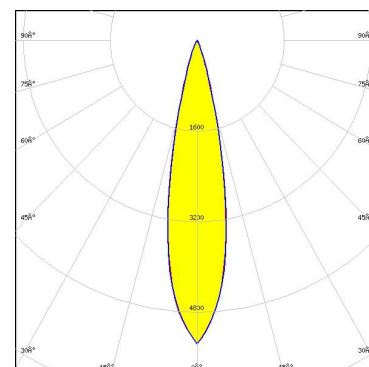
LED LUXEON CoB 1205HD
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 18.0° / 33.0°
 Efficiency 88 %
 Peak intensity 7.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15858_HEKLA-SOCKET-H



Light distribution files



LED LUXEON CoB 1208
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 22.0° / 38.0°
 Efficiency 88 %
 Peak intensity 5.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

Bender Wirth: 632a Hekla XL

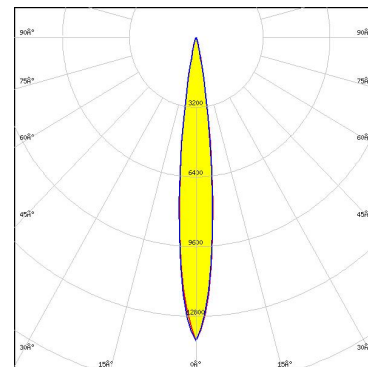
OPTICAL RESULTS (SIMULATED):



LED LUXEON CX Plus CoB - HD S02H6
 Ordering code CP18768_YASMEEN-70-S-B2
 FWHM / FWTM 13.0° / 24.0°
 Efficiency 90 %
 Peak intensity 13.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 634c Bayonet35L

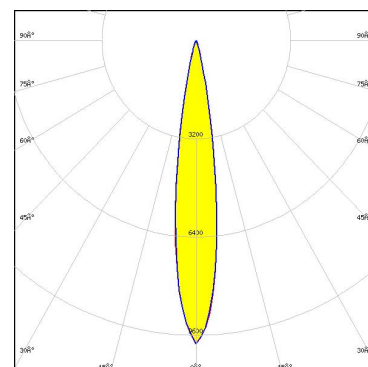
Light distribution files



LED LUXEON CX Plus CoB - HD S04H9
 Ordering code CP18768_YASMEEN-70-S-B2
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 90 %
 Peak intensity 9.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

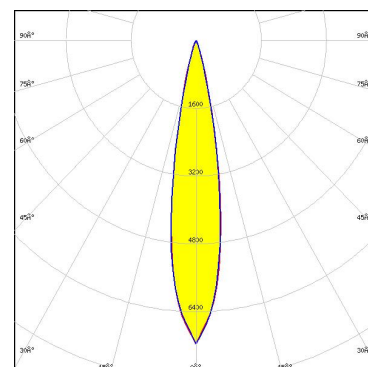
Bender Wirth: 634a Bayonet35L

Light distribution files



LED LUXEON CX Plus CoB L04 / L05 (Gen2)
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 18.0° / 32.0°
 Efficiency 87 %
 Peak intensity 7.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15254_HEKLA-SOCKET-B

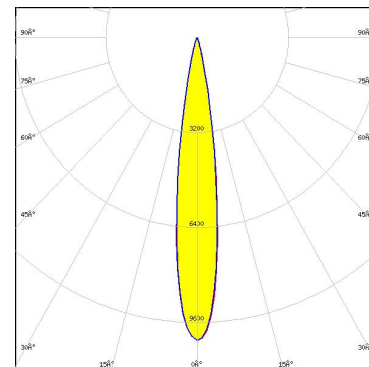
Light distribution files



OPTICAL RESULTS (SIMULATED):



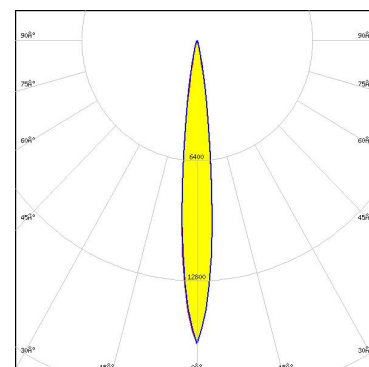
LED LUXEON CX Plus CoB M02 / M03 (Gen2)
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 90 %
 Peak intensity 10.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15256_HEKLA-SOCKET-D



Light distribution files



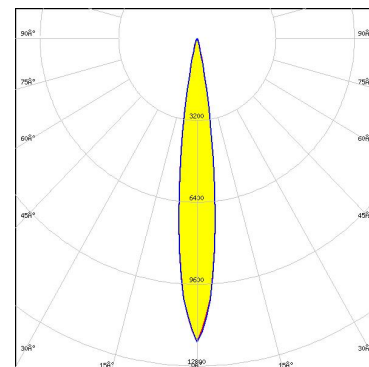
LED LUXEON CX Plus CoB S01 (Gen2)
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 91 %
 Peak intensity 16.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15956_HEKLA-SOCKET-J



Light distribution files



LED CHM-9 XH (19x19)
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 88 %
 Peak intensity 11.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I

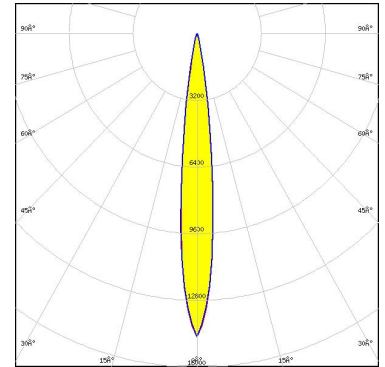


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED CTM-6 (Tunable White) Gen2
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 87 %
 Peak intensity 14.6 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

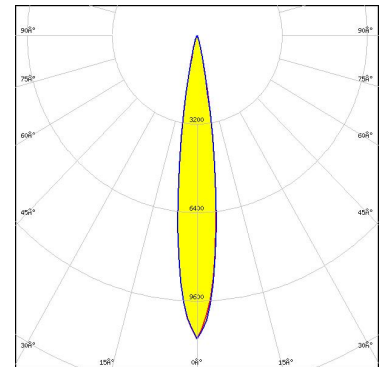


Light distribution files

Bender Wirth: 495 Typ L8



LED CTM-9 (Tunable White) Gen2
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 87 %
 Peak intensity 11 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

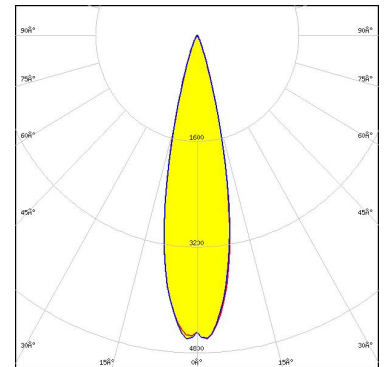


Light distribution files

Bender Wirth: 495 Typ L8



LED CxM-14 (18.5x18.5)
 FWHM / FWTM 24.0° / 40.0°
 Efficiency 86 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files

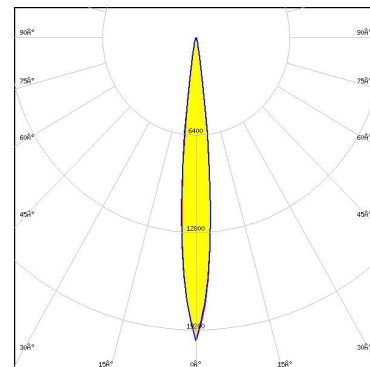
OPTICAL RESULTS (SIMULATED):



LED	CXM-3
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	12.0° / 20.0°
Efficiency	91 %
Peak intensity	19.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 634a Bayonet35L

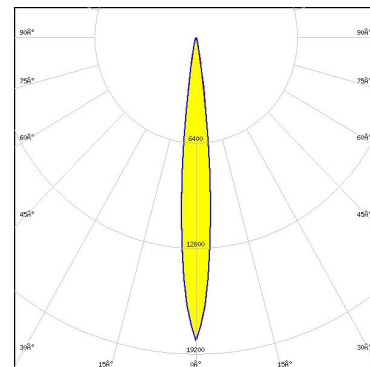
Light distribution files



LED	CXM-4
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	12.0° / 20.0°
Efficiency	90 %
Peak intensity	18.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 634a Bayonet35L

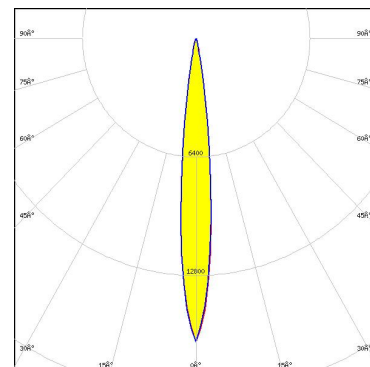
Light distribution files



LED	CxM-6 (13.5x13.5)
Ordering code	CP18768_YASMEEN-70-S-B2
FWHM / FWTM	12.0° / 22.0°
Efficiency	90 %
Peak intensity	16.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

BJB: 47.360.1020

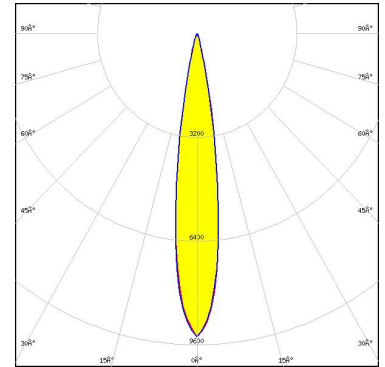
Light distribution files



OPTICAL RESULTS (SIMULATED):



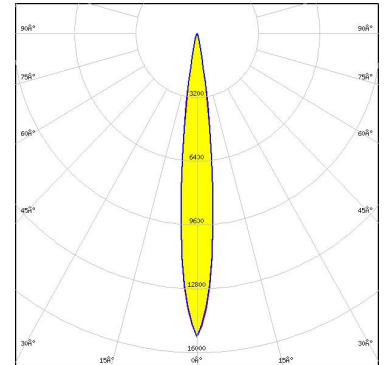
LED CxM-9 (13.5x13.5)
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 87 %
 Peak intensity 9.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files



LED COB S-Type (LES 6)
 Ordering code CP18768_YASMEEN-70-S-B2
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 90 %
 Peak intensity 15.2 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 CP18768_YASMEEN-70-S-B2
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 90 %
 Peak intensity 14 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Bender Wirth: 652a Bayonet35L

Light distribution files

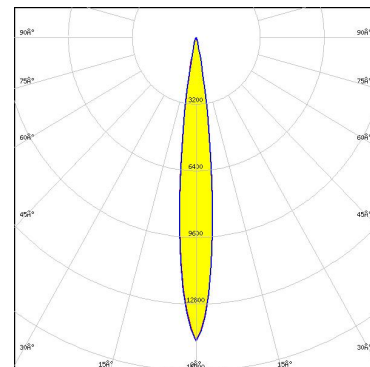
OPTICAL RESULTS (SIMULATED):



LED COB T-Type
Ordering code CP18768_YASMEEN-70-S-B2
FWHM / FWTM 12.0° / 24.0°
Efficiency 90 %
Peak intensity 14.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Bender Wirth: 652a Bayonet35L

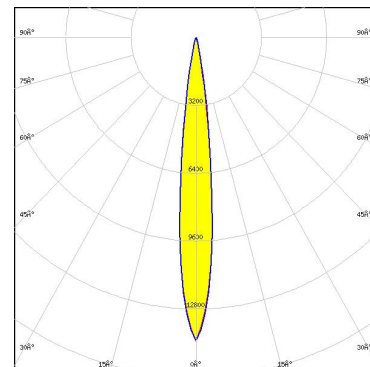
Light distribution files



LED NJCWL024Z-V1MT: COB L-Type Tunable White
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 12.0° / 22.0°
Efficiency 87 %
Peak intensity 14.3 cd/lm
LEDs/each optic 1
Light colour/type Tunable White
Required components:
C16142_HEKLA-SOCKET-K

Bender Wirth: 497 Typ L8 HV

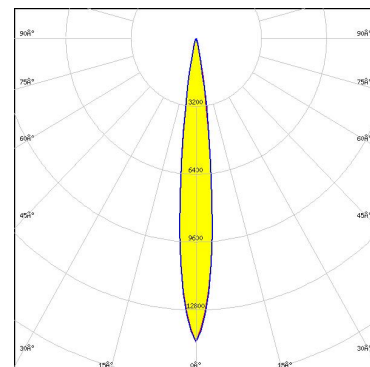
Light distribution files



LED NJCWL024Z-V1MT: COB L-Type Tunable White
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 12.0° / 22.0°
Efficiency 87 %
Peak intensity 14.3 cd/lm
LEDs/each optic 1
Light colour/type Tunable White
Required components:
C16142_HEKLA-SOCKET-K

Bender Wirth: 497 Typ L8 HV

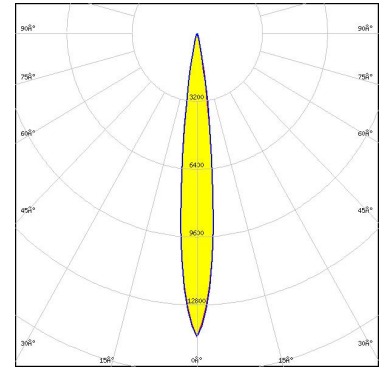
Light distribution files



OPTICAL RESULTS (SIMULATED):



LED NJCWL024Z-V1MT: COB L-Type Tunable White
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 87 %
 Peak intensity 14.3 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

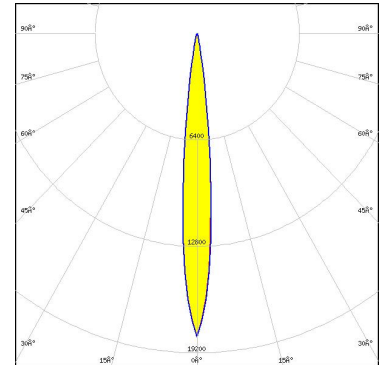


Light distribution files

Bender Wirth: 497 Typ L8 HV



LED NJNWS012Z-V1MT: COB S-Type Tunable White
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 87 %
 Peak intensity 18.2 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

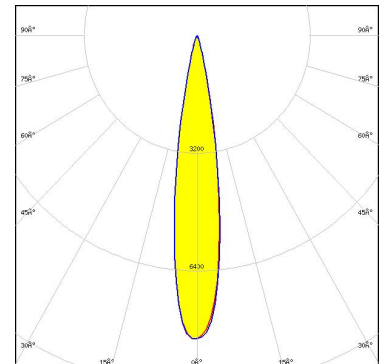


Light distribution files

Bender Wirth: 495 Typ L8 HV



LED NVCWJ024Z-V1MT: COB J-Type Tunable White
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 18.0° / 30.0°
 Efficiency 87 %
 Peak intensity 8.3 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K



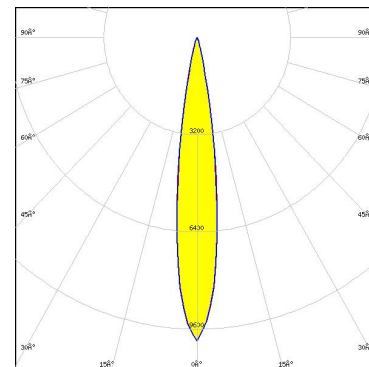
Light distribution files

Bender Wirth: 498 Typ L8 HV

OPTICAL RESULTS (SIMULATED):

PHILIPS

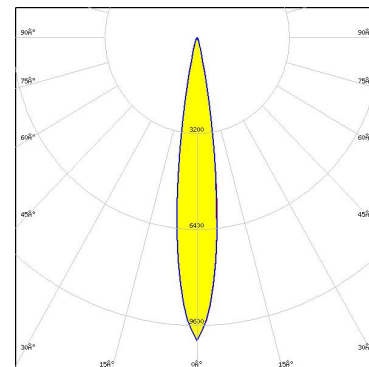
LED Fortimo SLM L09 CoB
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 88 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files

PHILIPS

LED Fortimo SLM L13 CoB
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 87 %
 Peak intensity 10.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

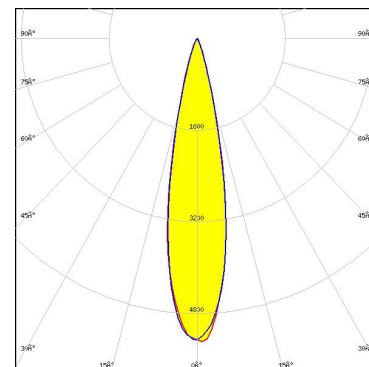


Light distribution files

Bender Wirth: 632a Hekla XL

PHILIPS

LED Fortimo SLM L15 1919 CoB
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 22.0° / 38.0°
 Efficiency 85 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I

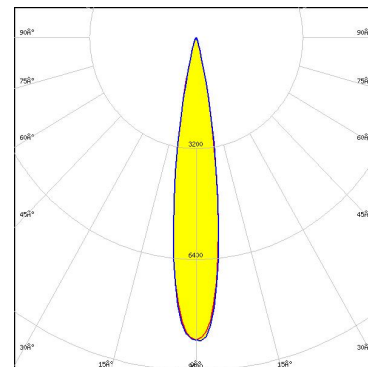


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

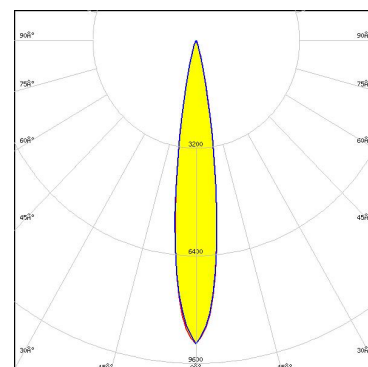
LED LC003D / LC006D / LC009D / LC013D
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 87 %
 Peak intensity 8.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files

SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 Ordering code CP18768_YASMEEN-70-S-B2
 FWHM / FWTM 16.0° / 29.0°
 Efficiency 85 %
 Peak intensity 9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

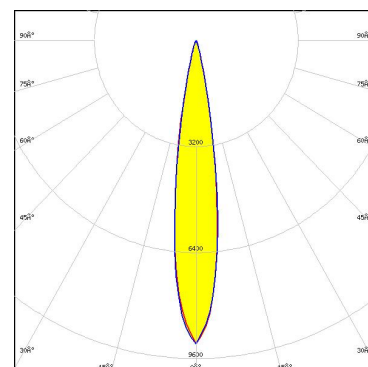


Light distribution files

BJB: 47.360.1020

SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 87 %
 Peak intensity 9.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C

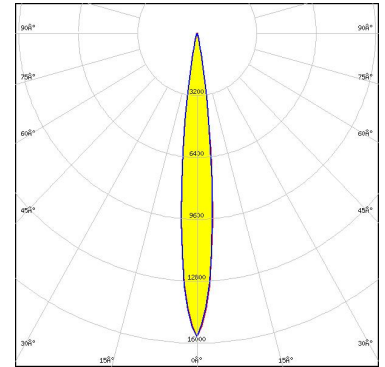


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LC010C G2
Ordering code CP18768_YASMEEN-70-S-B2
FWHM / FWTM 12.0° / 22.0°
Efficiency 89 %
Peak intensity 15.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

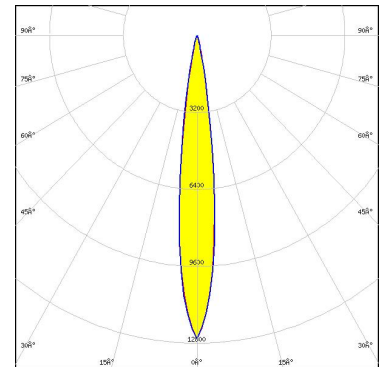


BJB: 47.360.1020

Light distribution files

SAMSUNG

LED LC010T (Tunable White)
Ordering code CP18751_YASMEEN-70-S-C2
FWHM / FWTM 14.0° / 24.0°
Efficiency 87 %
Peak intensity 12.6 cd/lm
LEDs/each optic 1
Light colour/type Tunable White
Required components:
C16142_HEKLA-SOCKET-K

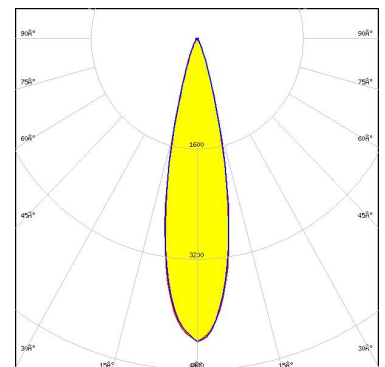


Bender Wirth: 501 Typ L8

Light distribution files

SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
Ordering code CP18768_YASMEEN-70-S-B2
FWHM / FWTM 24.0° / 42.0°
Efficiency 85 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



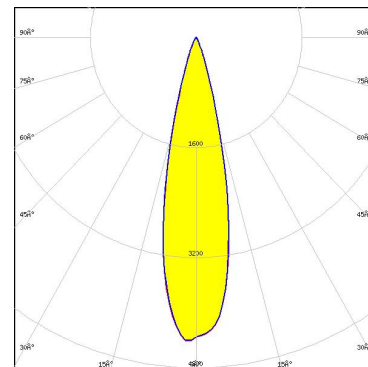
BJB: 47.360.1010

Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

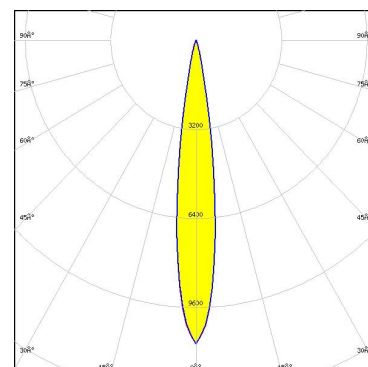
LED LC016D / LC019D / LC026D / LC033D
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 24.0° / 40.0°
 Efficiency 85 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files

SAMSUNG

LED LC020C G2
 Ordering code CP18768_YASMEEN-70-S-B2
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 88 %
 Peak intensity 10.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

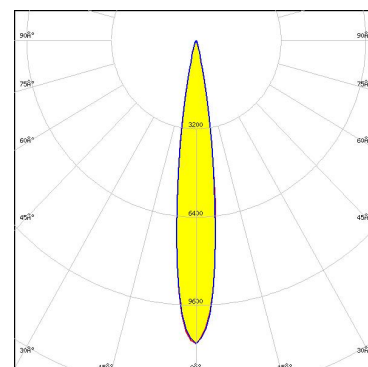


Light distribution files

BJB: 47.360.1010

SAMSUNG

LED LC020C G2
 Ordering code CP18768_YASMEEN-70-S-B2
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 88 %
 Peak intensity 11 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



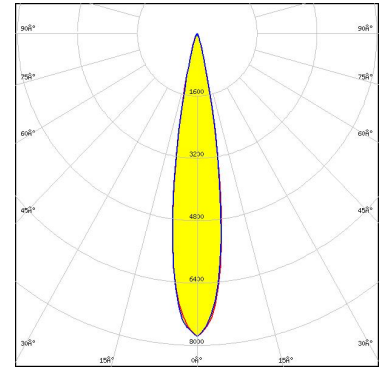
Light distribution files

BJB: 47.360.1010

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LC020T (Tunable white)
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 18.0° / 30.0°
 Efficiency 87 %
 Peak intensity 7.8 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K

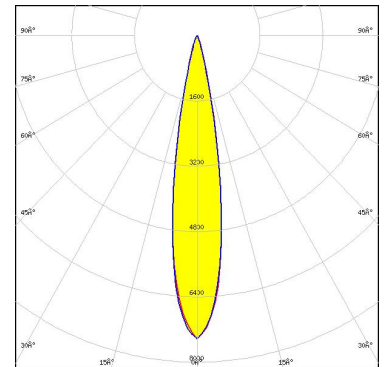


Light distribution files

Bender Wirth: 501 Typ L8

SAMSUNG

LED LC030C/040C G2
 Ordering code CP18768_YASMEEN-70-S-B2
 FWHM / FWTM 18.0° / 32.0°
 Efficiency 87 %
 Peak intensity 7.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

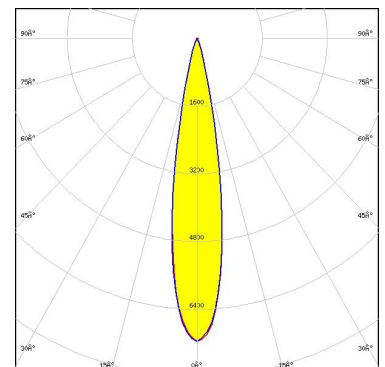


Light distribution files

BJB: 47.360.1010

SAMSUNG

LED LC030C/040C G2
 Ordering code CP18768_YASMEEN-70-S-B2
 FWHM / FWTM 18.0° / 32.0°
 Efficiency 88 %
 Peak intensity 7.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



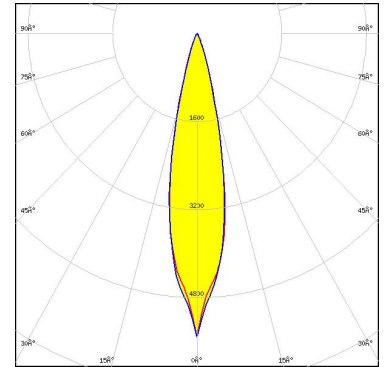
Light distribution files

BJB: 47.360.1010

OPTICAL RESULTS (SIMULATED):



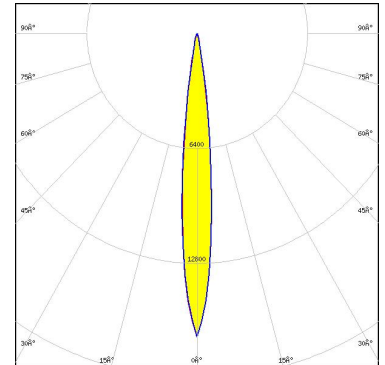
LED MJT COB LES 14.5
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 22.0° / 38.0°
 Efficiency 87 %
 Peak intensity 5.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files



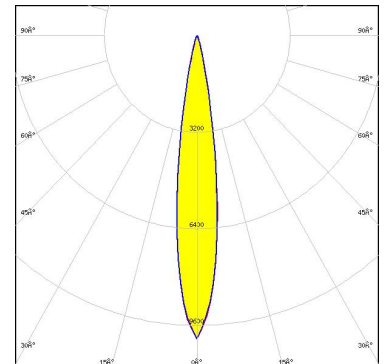
LED MJT COB LES 6
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 90 %
 Peak intensity 16.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



LED MJT COB LES 9.8
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 90 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C

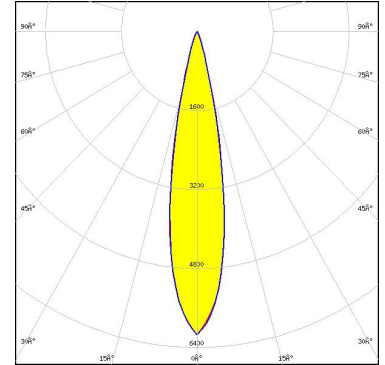


Light distribution files

OPTICAL RESULTS (SIMULATED):

TRIDONIC

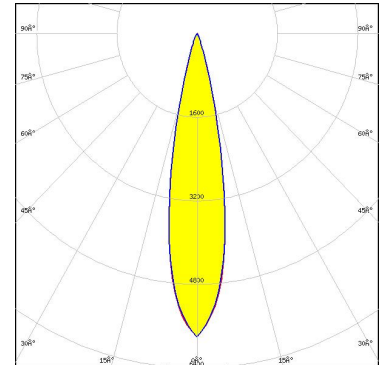
LED SLE G7 LES13
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 20.0° / 34.0°
 Efficiency 87 %
 Peak intensity 6.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files

XICATO

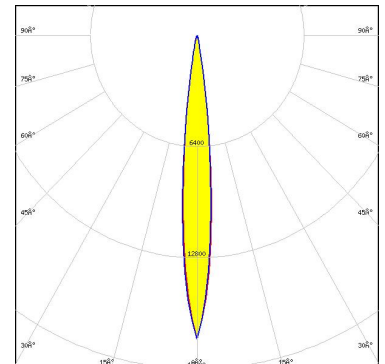
LED XOB 14.5 mm
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 22.0° / 36.0°
 Efficiency 86 %
 Peak intensity 5.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files

XICATO

LED XOB 6 mm
 Ordering code CP18751_YASMEEN-70-S-C2
 FWHM / FWTM 12.0° / 21.0°
 Efficiency 88 %
 Peak intensity 17.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

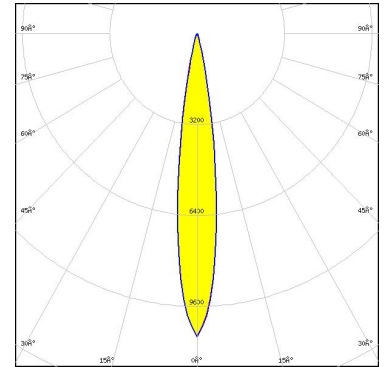
Bender Wirth: 634b Hekla

OPTICAL RESULTS (SIMULATED):

XICATO

LED	XOB 9.8 mm
Ordering code	CP18751_YASMEEN-70-S-C2
FWHM / FWTM	15.0° / 27.0°
Efficiency	88 %
Peak intensity	10.7 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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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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