

## YASMEEN-70-M

~26° wide beam

### SPECIFICATION:

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

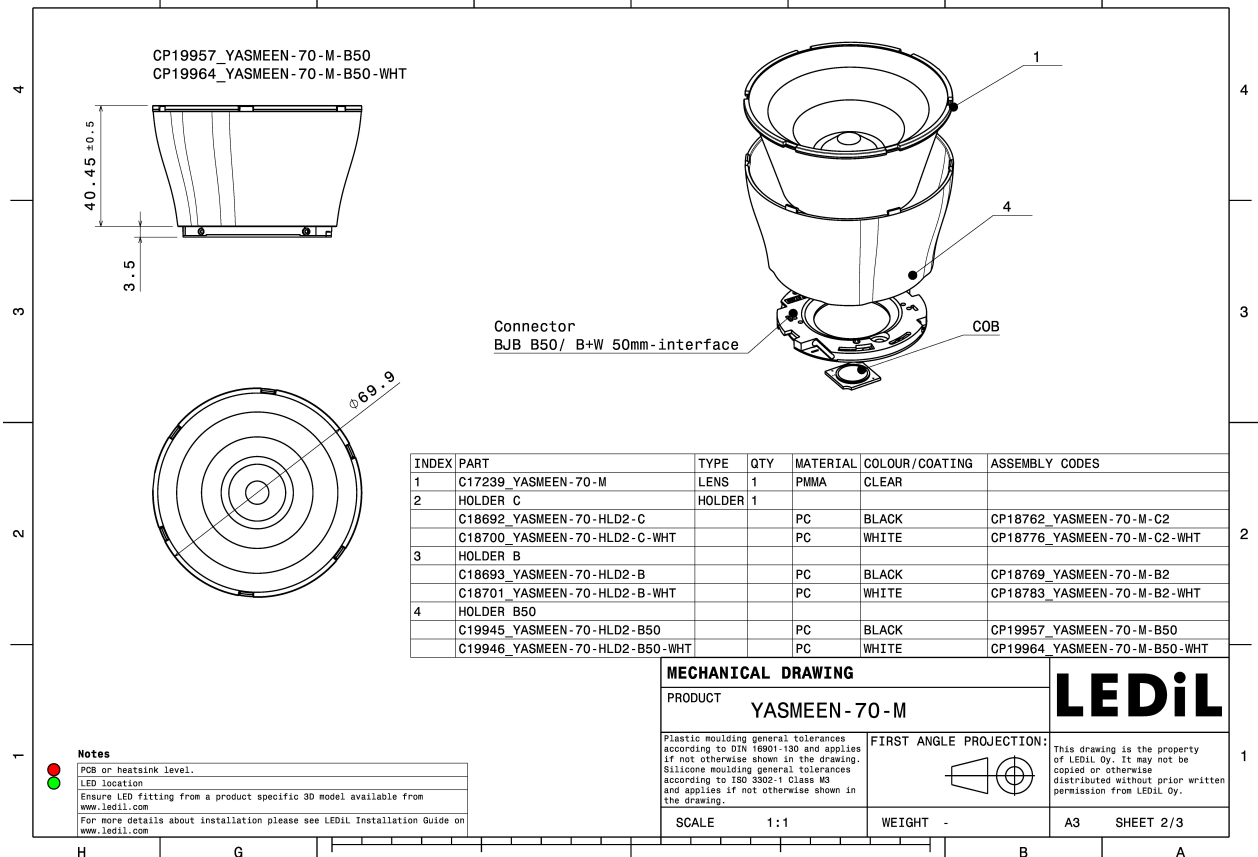
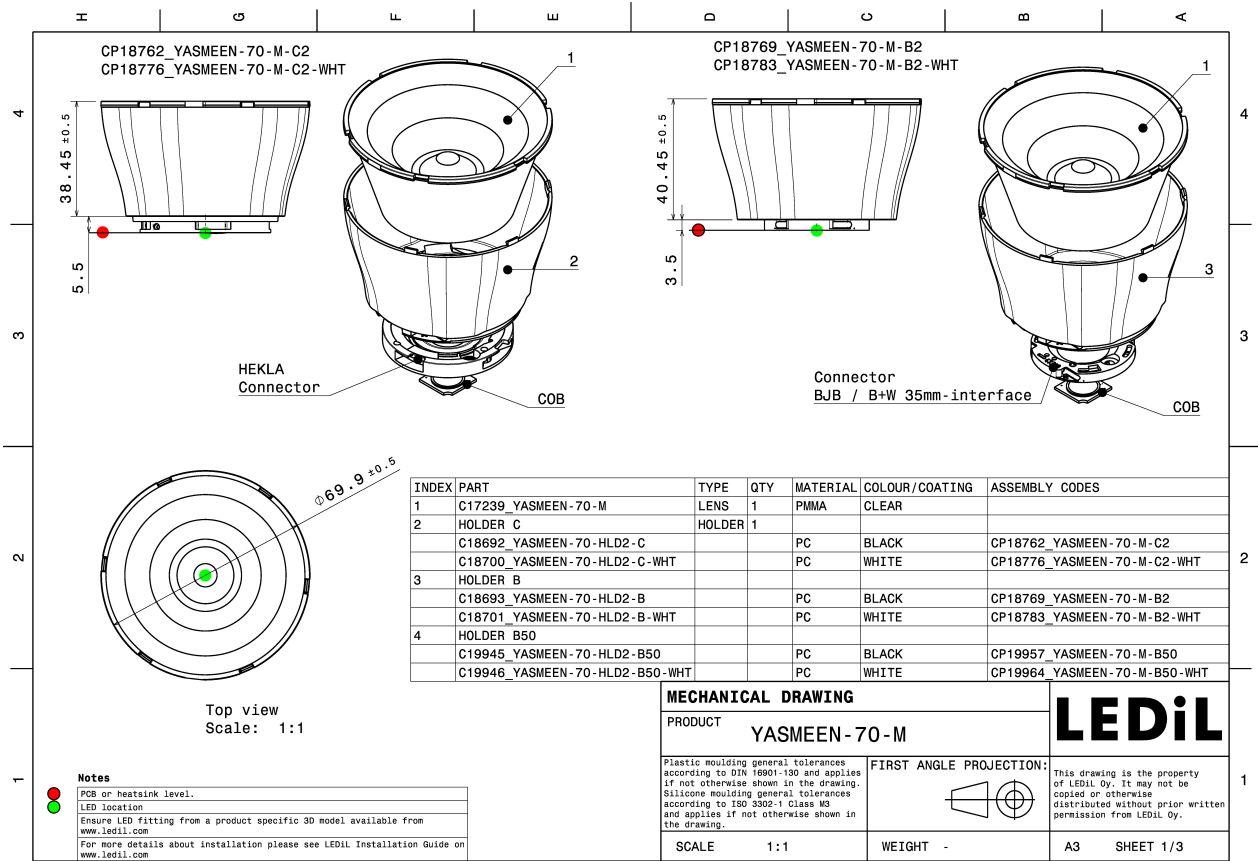
### MATERIALS:

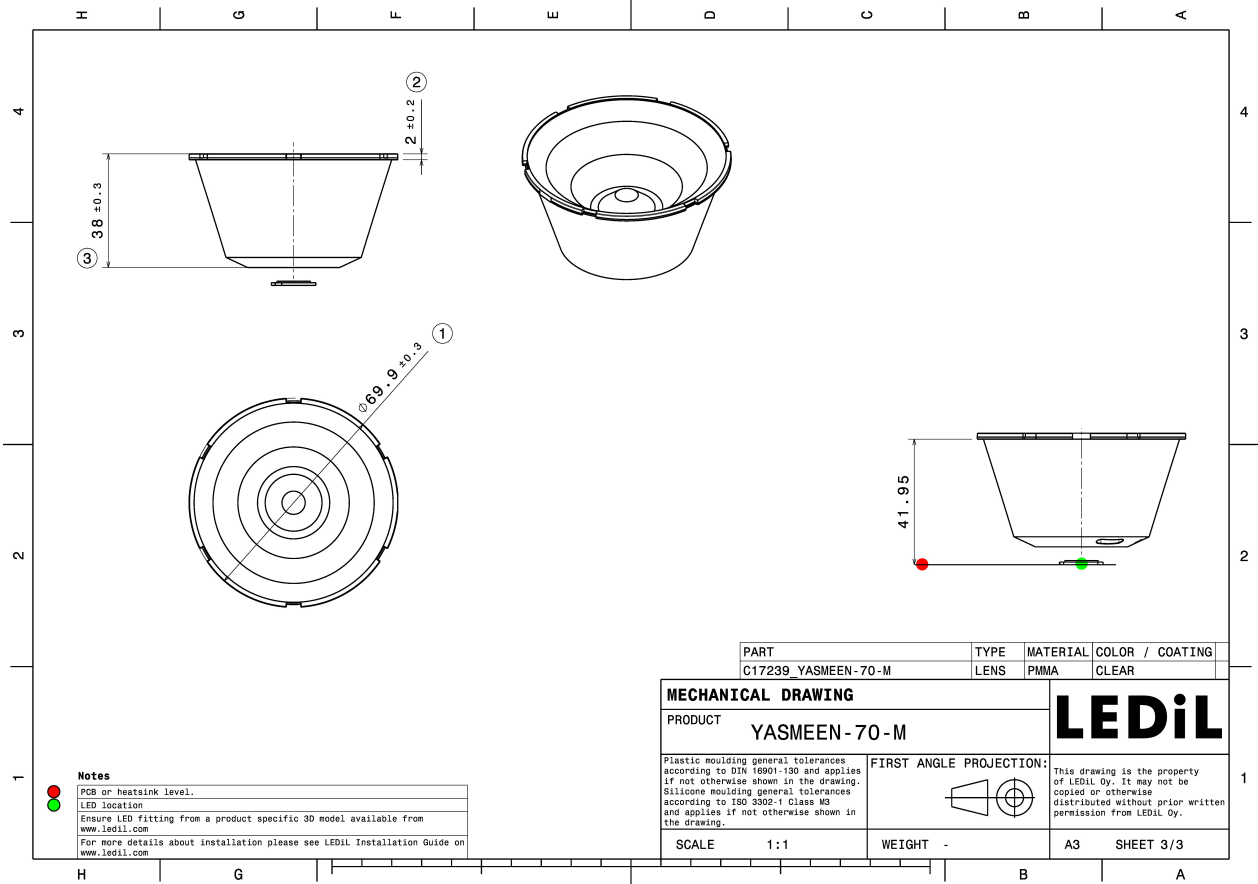
Component	Type	Material	Colour	Finish	Length (mm)
YASMEEN-70-M	Single lens	PMMA	clear		
YASMEEN-70-HLD2-C	Holder C	PC	black		
YASMEEN-70-HLD2-B	Holder B	PC	black		
YASMEEN-70-HLD2-C-WHT	Holder C	PC	white		
YASMEEN-70-HLD2-B-WHT	Holder B	PC	white		
YASMEEN-70-HLD2-B50	Holder B	PC	black		
YASMEEN-70-HLD2-B50-WHT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



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17239_YASMEEN-70-M	105	105	15	8.4
<b>Assembly</b>				
CP19964_YASMEEN-70-M-B50-WHT	105	105	15	9.8
CP19957_YASMEEN-70-M-B50	105	105	15	9.8
CP18783_YASMEEN-70-M-B2-WHT	105	105	15	9.9
CP18776_YASMEEN-70-M-C2-WHT	105	105	15	9.8
CP18769_YASMEEN-70-M-B2	105	105	15	9.9
CP18762_YASMEEN-70-M-C2	105	105	15	9.8



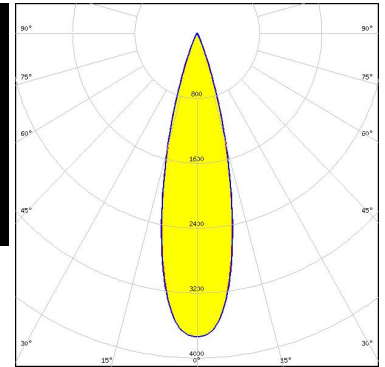


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



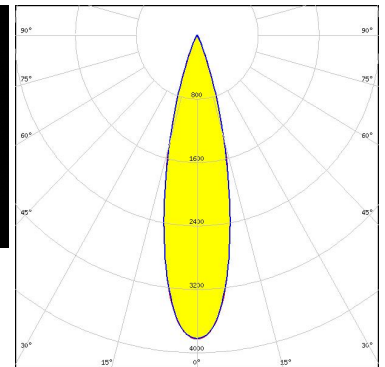
**LED** V10 Gen 8-9  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 26.0° / 44.0°  
**Efficiency** 84 %  
**Peak intensity** 3.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15255\_HEKLA-SOCKET-C



Light distribution files



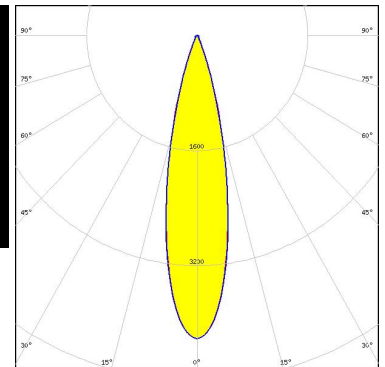
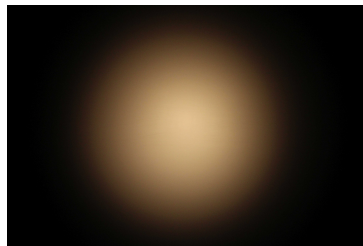
**LED** V11 HD Gen 8  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 25.0° / 44.0°  
**Efficiency** 82 %  
**Peak intensity** 3.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 633d Hekla



Light distribution files



**LED** V11 HD Gen 8  
**Ordering code** CP18776\_YASMEEN-70-M-C2-WHT  
**FWHM / FWTM** 24.0° / 42.0°  
**Efficiency** 90 %  
**Peak intensity** 4.2 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 633d Hekla

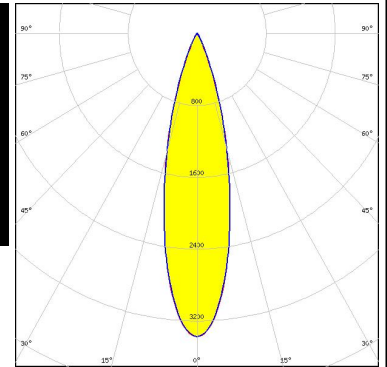


Light distribution files

### OPTICAL RESULTS (MEASURED):



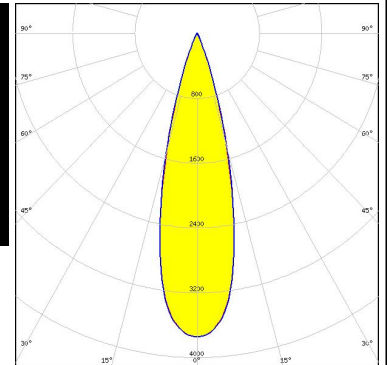
**LED** V13 Gen 8-9  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 26.0° / 47.0°  
**Efficiency** 81 %  
**Peak intensity** 3.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15859\_HEKLA-SOCKET-I



Light distribution files



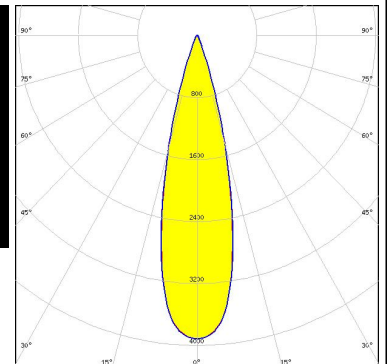
**LED** V8 Gen 8-9  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 27.0° / 43.0°  
**Efficiency** 85 %  
**Peak intensity** 3.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15253\_HEKLA-SOCKET-A



Light distribution files



**LED** V9 HD Gen7  
**Ordering code** CP18776\_YASMEEN-70-M-C2-WHT  
**FWHM / FWTM** 26.0° / 41.0°  
**Efficiency** 89 %  
**Peak intensity** 3.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15859\_HEKLA-SOCKET-I

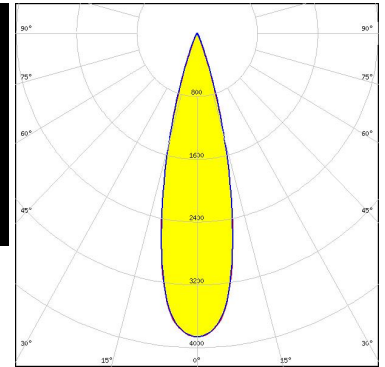


Light distribution files

### OPTICAL RESULTS (MEASURED):



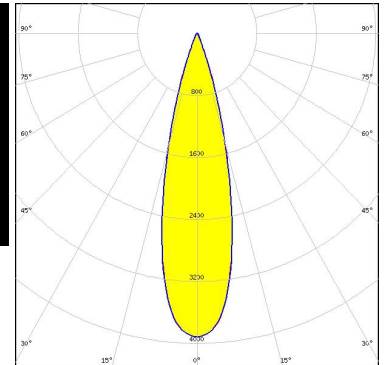
**LED** V9 HD Gen7  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 26.0° / 42.0°  
**Efficiency** 83 %  
**Peak intensity** 3.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15859\_HEKLA-SOCKET-I



Light distribution files



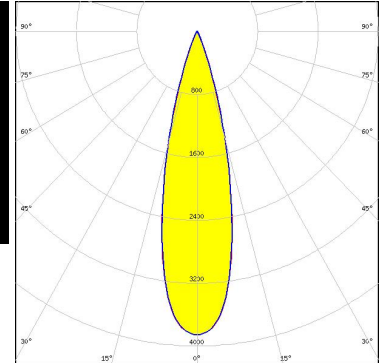
**LED** VERO10  
**Ordering code** CP18776\_YASMEEN-70-M-C2-WHT  
**FWHM / FWTM** 26.0° / 42.0°  
**Efficiency** 90 %  
**Peak intensity** 3.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15616\_HEKLA-SOCKET-F



Light distribution files



**LED** VERO10  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 26.0° / 42.5°  
**Efficiency** 84 %  
**Peak intensity** 3.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15616\_HEKLA-SOCKET-F

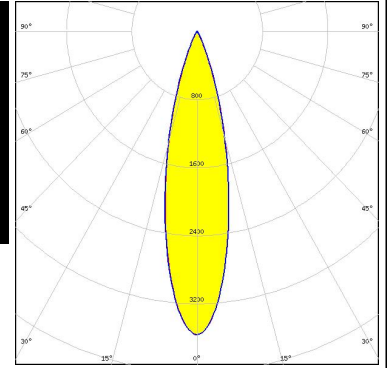


Light distribution files

### OPTICAL RESULTS (MEASURED):



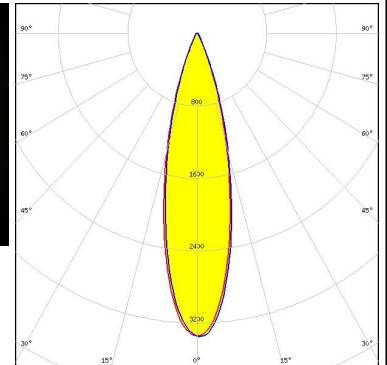
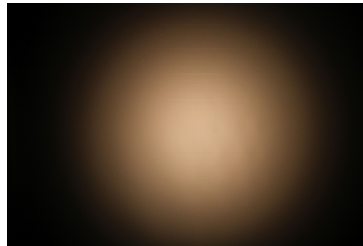
**LED** Vesta DTW 13mm (21W)  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 25.0° / 46.0°  
**Efficiency** 81 %  
**Peak intensity** 3.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 632b Hekla XL



Light distribution files



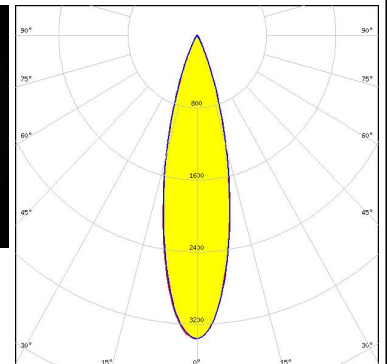
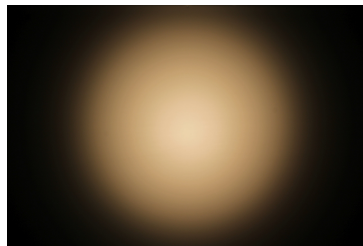
**LED** Vesta DTW 15mm (33W)  
**Ordering code** CP18776\_YASMEEN-70-M-C2-WHT  
**FWHM / FWTM** 26.0° / 48.0°  
**Efficiency** 89 %  
**Peak intensity** 3.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 632b Hekla XL



Light distribution files



**LED** Vesta DTW 15mm (33W)  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 26.0° / 48.0°  
**Efficiency** 81 %  
**Peak intensity** 3.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 632b Hekla XL



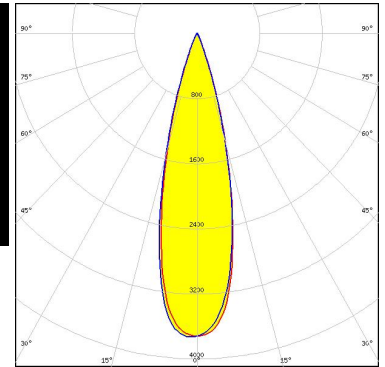
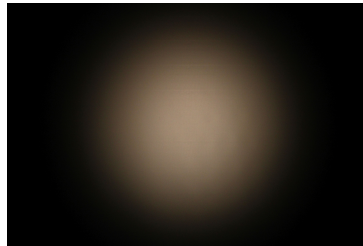
Light distribution files



### OPTICAL RESULTS (MEASURED):



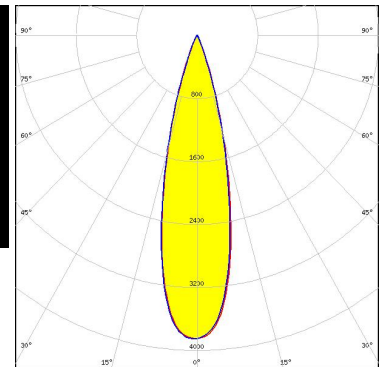
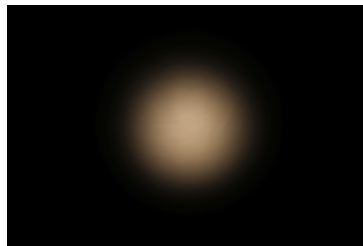
**LED** Vesta DTW 9mm (4W/6W/12W)  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 27.0° / 43.0°  
**Efficiency** 83 %  
**Peak intensity** 3.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 652b Hekla



Light distribution files

### CITIZEN

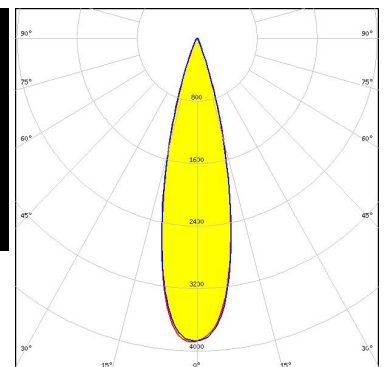
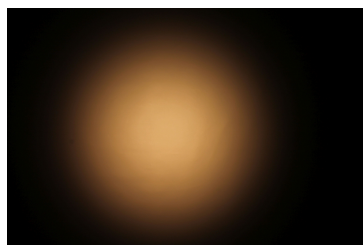
**LED** CLL02x/CLU02x (LES10)  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 25.0° / 42.0°  
**Efficiency** 83 %  
**Peak intensity** 3.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17435\_HEKLA-G2-C



Light distribution files

### CITIZEN

**LED** CLL02x/CLU02x (LES10)  
**Ordering code** CP18776\_YASMEEN-70-M-C2-WHT  
**FWHM / FWTM** 25.5° / 42.5°  
**Efficiency** 89 %  
**Peak intensity** 3.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17435\_HEKLA-G2-C

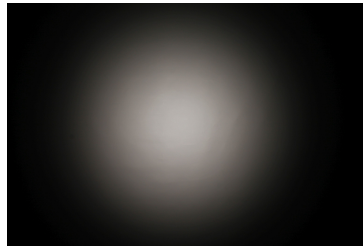


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### CITIZEN

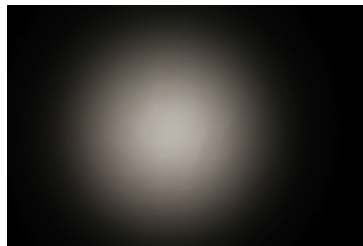
LED CLL03x/CLU03x  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 25.0° / 45.0°  
Efficiency 82 %  
Peak intensity 3.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

#### CITIZEN

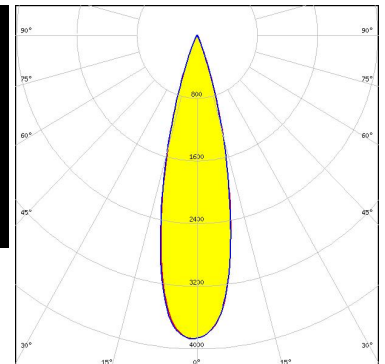
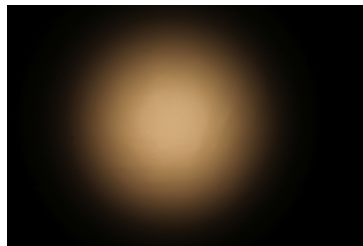
LED CLL03x/CLU03x  
Ordering code CP18776\_YASMEEN-70-M-C2-WHT  
FWHM / FWTM 24.5° / 45.5°  
Efficiency 89 %  
Peak intensity 3.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files



LED CMA1516  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 42.0°  
Efficiency 83 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17436\_HEKLA-G2-D

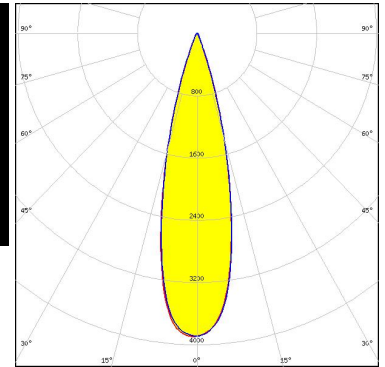


Light distribution files

### OPTICAL RESULTS (MEASURED):



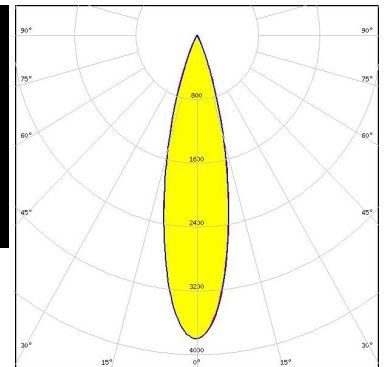
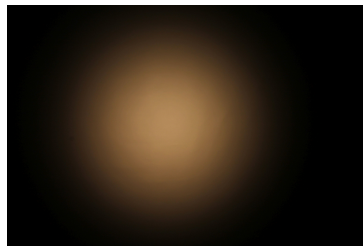
LED CMA1516  
Ordering code CP18776\_YASMEEN-70-M-C2-WHT  
FWHM / FWTM 26.0° / 42.0°  
Efficiency 90 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17436\_HEKLA-G2-D



Light distribution files



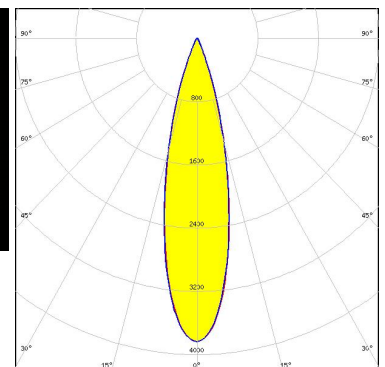
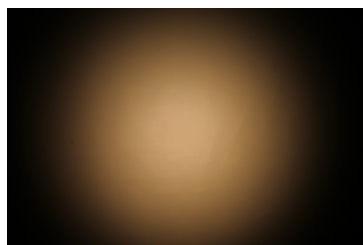
LED CMA1825  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 25.0° / 44.0°  
Efficiency 83 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15254\_HEKLA-SOCKET-B



Light distribution files



LED CMA1825  
Ordering code CP18776\_YASMEEN-70-M-C2-WHT  
FWHM / FWTM 25.0° / 44.0°  
Efficiency 90 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15254\_HEKLA-SOCKET-B

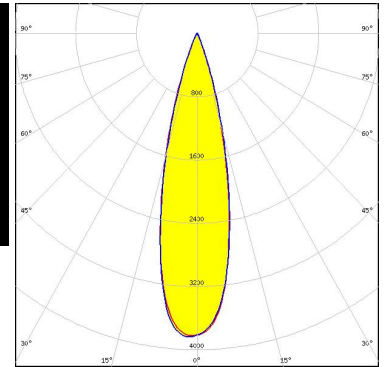


Light distribution files

### OPTICAL RESULTS (MEASURED):



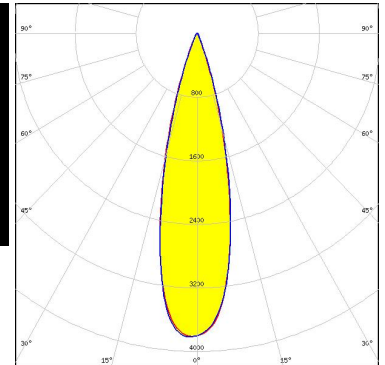
LED CMT14xx  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 42.0°  
Efficiency 83 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



Light distribution files



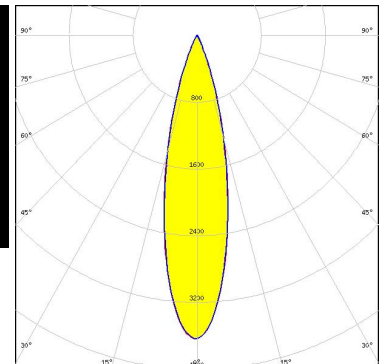
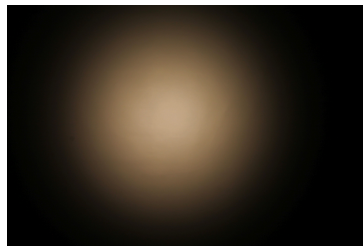
LED CMT14xx  
Ordering code CP18776\_YASMEEN-70-M-C2-WHT  
FWHM / FWTM 26.0° / 43.0°  
Efficiency 90 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



Light distribution files



LED CMT19xx  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 24.0° / 45.0°  
Efficiency 81 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I

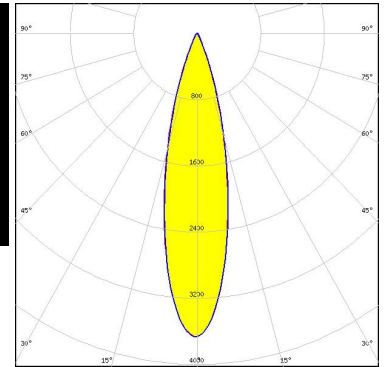
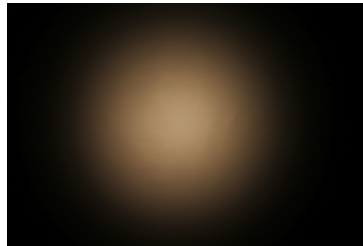


Light distribution files

### OPTICAL RESULTS (MEASURED):



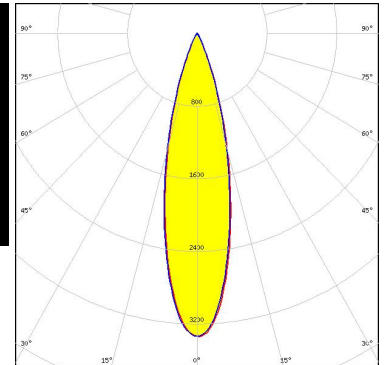
LED CMT19xx  
Ordering code CP18776\_YASMEEN-70-M-C2-WHT  
FWHM / FWTM 25.0° / 46.0°  
Efficiency 89 %  
Peak intensity 3.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files



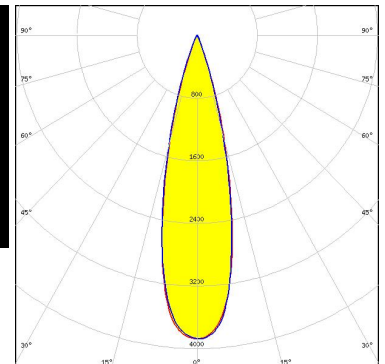
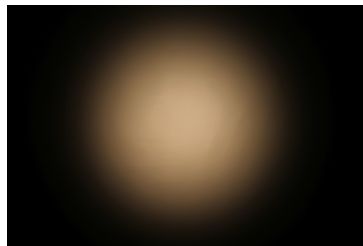
LED CMU15xx  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 47.0°  
Efficiency 79 %  
Peak intensity 3.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files



LED LUXEON CoB 1202/1203  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 42.0°  
Efficiency 82 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17437\_HEKLA-G2-H

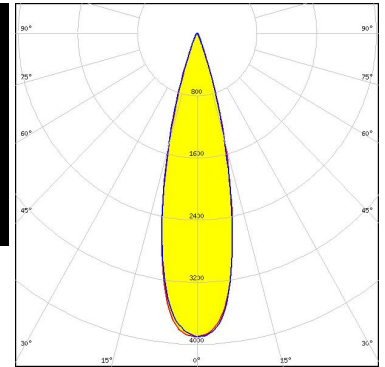


Light distribution files

### OPTICAL RESULTS (MEASURED):



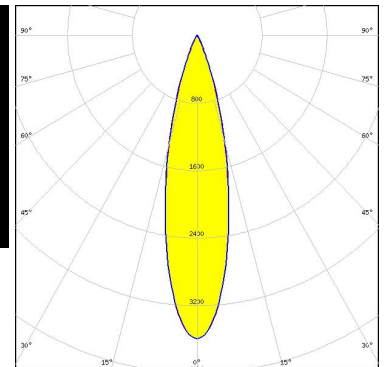
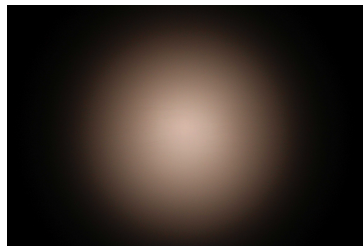
LED LUXEON CoB 1202/1203  
Ordering code CP18776\_YASMEEN-70-M-C2-WHT  
FWHM / FWTM 26.0° / 42.0°  
Efficiency 90 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17437\_HEKLA-G2-H



Light distribution files



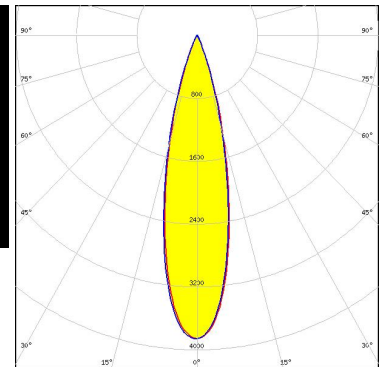
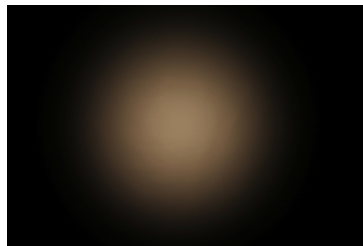
LED CTM-14 (Tunable White) Gen2  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 25.0° / 46.0°  
Efficiency 81 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K  
Bender Wirth: 442 Typ L8



Light distribution files



LED COB L-Type (LES 11)  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 24.0° / 43.0°  
Efficiency 82 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17437\_HEKLA-G2-H

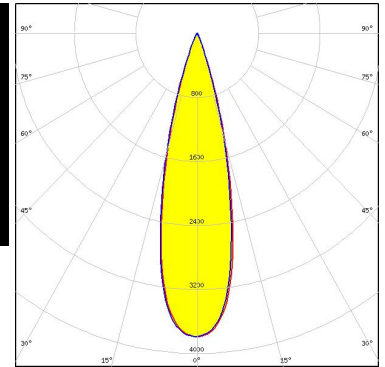


Light distribution files

### OPTICAL RESULTS (MEASURED):



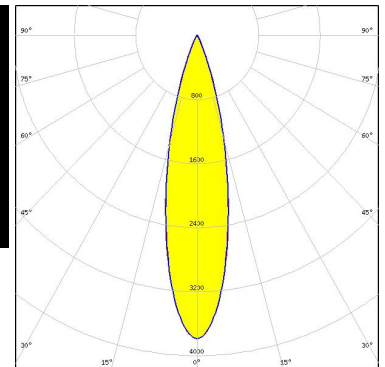
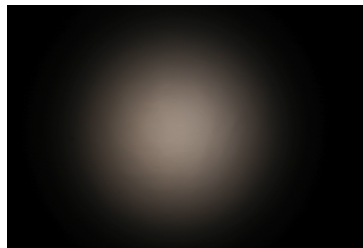
**LED** COB L-Type (LES 9)  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 26.0° / 42.0°  
**Efficiency** 82 %  
**Peak intensity** 3.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17437\_HEKLA-G2-H



Light distribution files



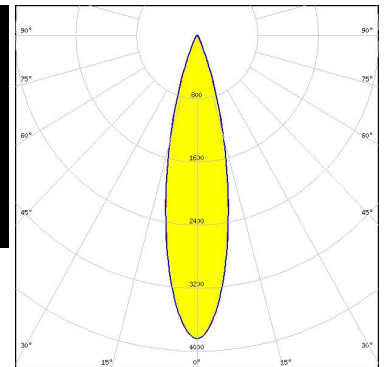
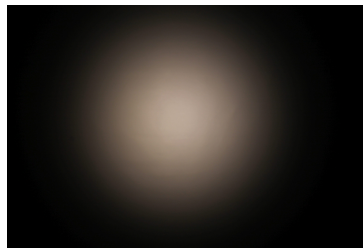
**LED** COB S-Type (LES 7)  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 24.0° / 45.0°  
**Efficiency** 81 %  
**Peak intensity** 3.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17438\_HEKLA-G2-I



Light distribution files



**LED** COB S-Type (LES 7)  
**Ordering code** CP18776\_YASMEEN-70-M-C2-WHT  
**FWHM / FWTM** 24.0° / 44.0°  
**Efficiency** 89 %  
**Peak intensity** 3.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17438\_HEKLA-G2-I

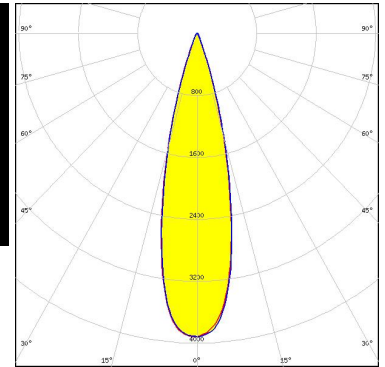


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### PHILIPS

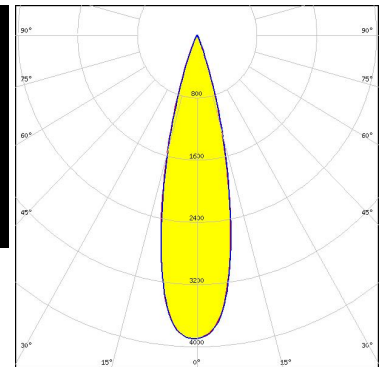
LED Fortimo SLM L09 CoB  
Ordering code CP18776\_YASMEEN-70-M-C2-WHT  
FWHM / FWTM 26.0° / 41.0°  
Efficiency 90 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17437\_HEKLA-G2-H



Light distribution files

#### PHILIPS

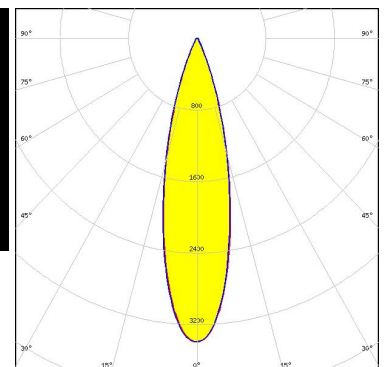
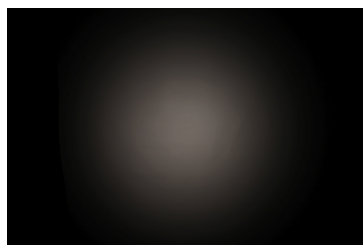
LED Fortimo SLM L09 CoB  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 25.0° / 42.0°  
Efficiency 82 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17437\_HEKLA-G2-H



Light distribution files

#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
Ordering code CP18776\_YASMEEN-70-M-C2-WHT  
FWHM / FWTM 26.0° / 47.0°  
Efficiency 89 %  
Peak intensity 3.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



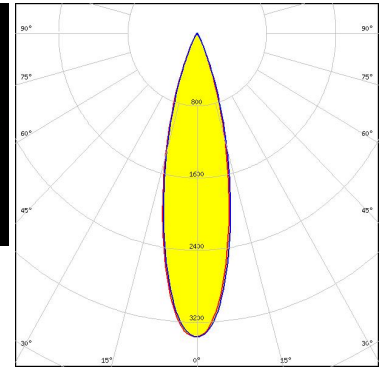
Light distribution files



### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

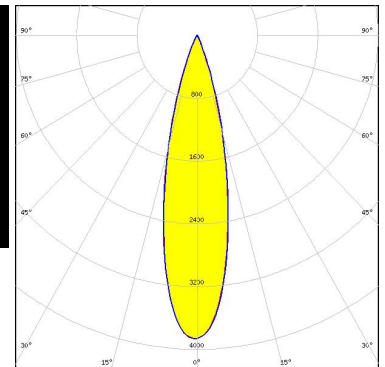
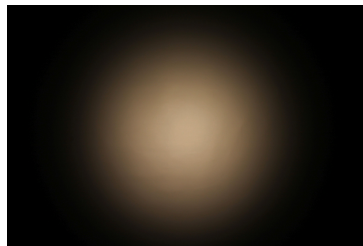
LED LC016D / LC019D / LC026D / LC033D  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 47.0°  
Efficiency 81 %  
Peak intensity 3.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

#### SAMSUNG

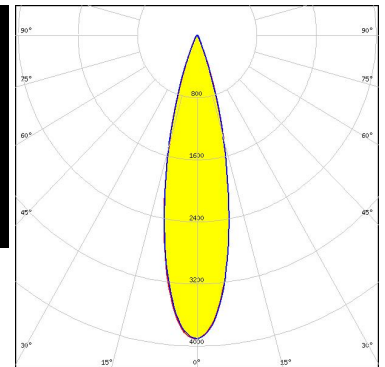
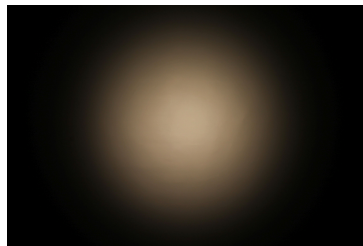
LED LC030C/040C G2  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 25.0° / 45.0°  
Efficiency 82 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

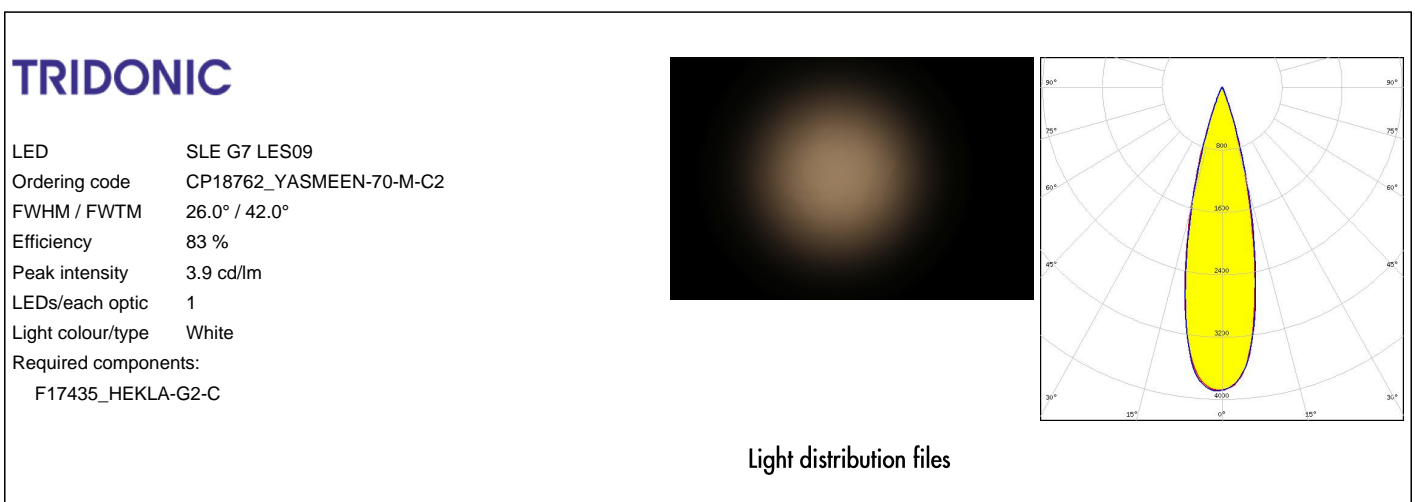
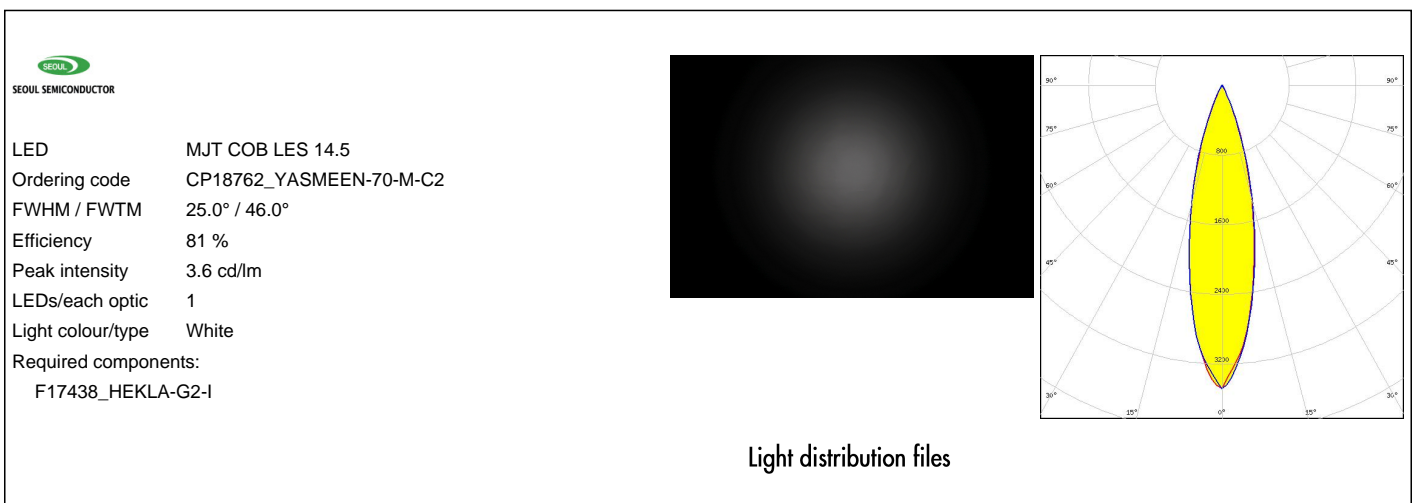
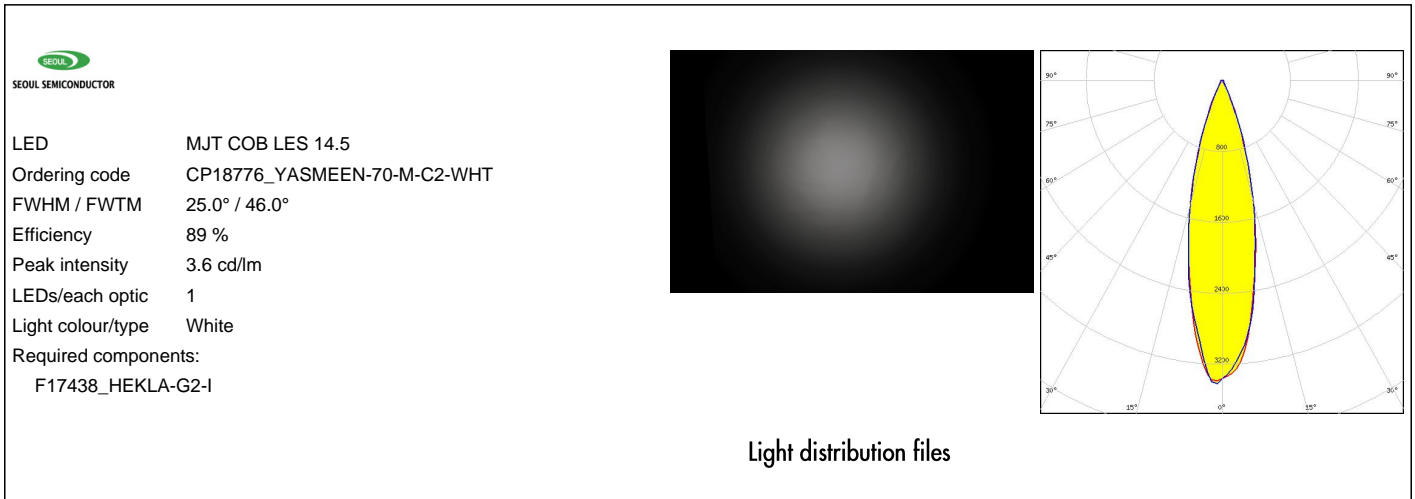
#### SAMSUNG

LED LC030C/040C G2  
Ordering code CP18776\_YASMEEN-70-M-C2-WHT  
FWHM / FWTM 24.0° / 43.0°  
Efficiency 90 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

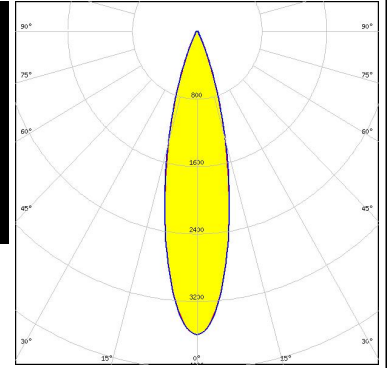
### OPTICAL RESULTS (MEASURED):



### OPTICAL RESULTS (MEASURED):

#### TRIDONIC

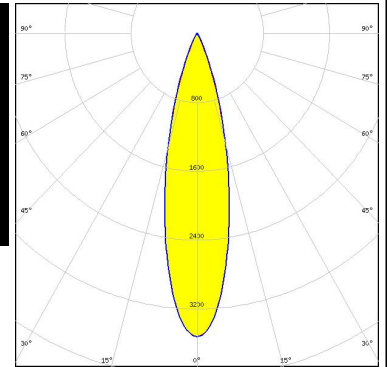
LED SLE G7 LES15  
Ordering code CP18776\_YASMEEN-70-M-C2-WHT  
FWHM / FWTM 25.0° / 46.0°  
Efficiency 90 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

#### TRIDONIC

LED SLE G7 LES15  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 25.0° / 46.0°  
Efficiency 81 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I

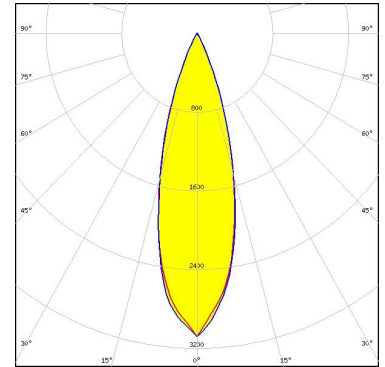


Light distribution files

### OPTICAL RESULTS (SIMULATED):



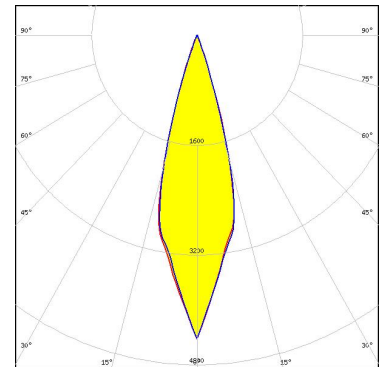
LED V13 Gen7  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 30.0° / 50.0°  
Efficiency 86 %  
Peak intensity 3.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



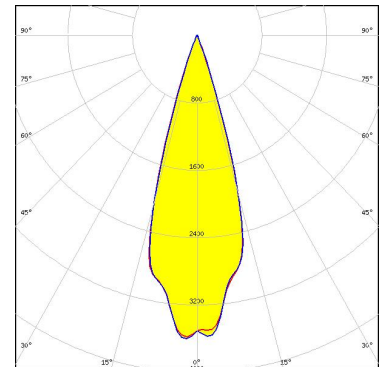
LED V3 HD Gen 8  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 28.0° / 40.0°  
Efficiency 88 %  
Peak intensity 4.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15253\_HEKLA-SOCKET-A



Light distribution files



LED V3 HD Gen 8 FC  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 32.0° / 42.0°  
Efficiency 87 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C

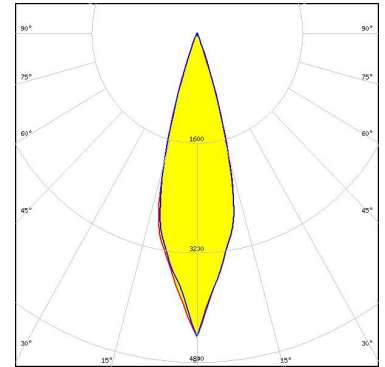


Light distribution files

### OPTICAL RESULTS (SIMULATED):



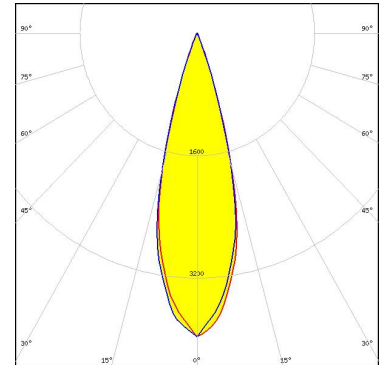
**LED** V4 HD Gen 8  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 28.0° / 40.0°  
**Efficiency** 88 %  
**Peak intensity** 4.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15253\_HEKLA-SOCKET-A



Light distribution files



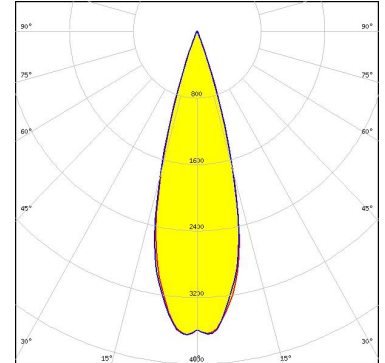
**LED** V6 Gen 8-9  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 28.0° / 42.0°  
**Efficiency** 88 %  
**Peak intensity** 4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15253\_HEKLA-SOCKET-A



Light distribution files



**LED** V6 HD Gen 7  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 30.0° / 42.0°  
**Efficiency** 86 %  
**Peak intensity** 3.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15255\_HEKLA-SOCKET-C

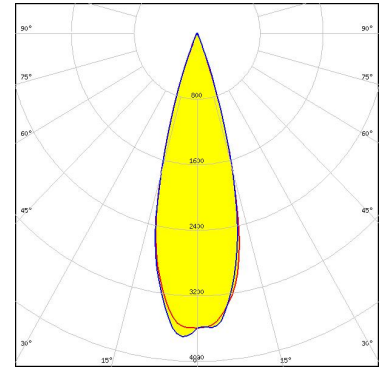


Light distribution files

### OPTICAL RESULTS (SIMULATED):



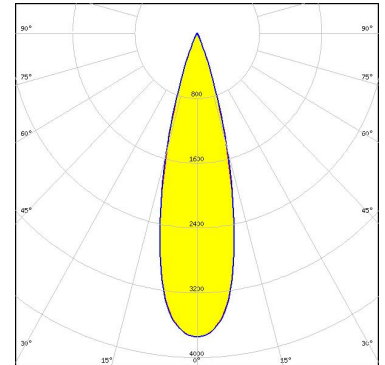
LED V6 HD Gen 8  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 30.0° / 42.0°  
Efficiency 87 %  
Peak intensity 3.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



Light distribution files



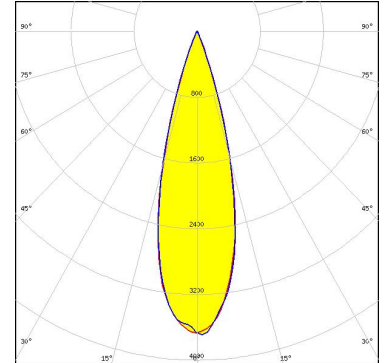
LED V8 Gen 8-9  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 28.0° / 42.0°  
Efficiency 85 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15253\_HEKLA-SOCKET-A



Light distribution files



LED V9 HD Gen 8  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 28.0° / 44.0°  
Efficiency 85 %  
Peak intensity 3.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I

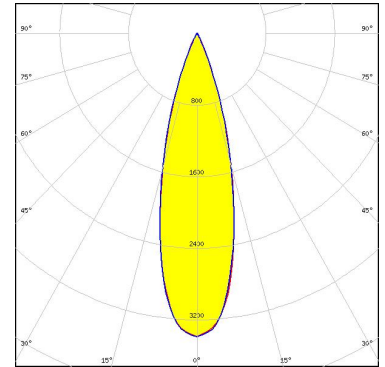


Light distribution files

### OPTICAL RESULTS (SIMULATED):



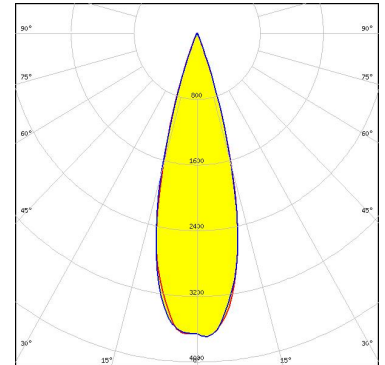
**LED** VERO13  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 28.0° / 48.0°  
**Efficiency** 86 %  
**Peak intensity** 3.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K



Light distribution files



**LED** Vesta DTW 6mm  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 29.0° / 42.0°  
**Efficiency** 86 %  
**Peak intensity** 3.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**

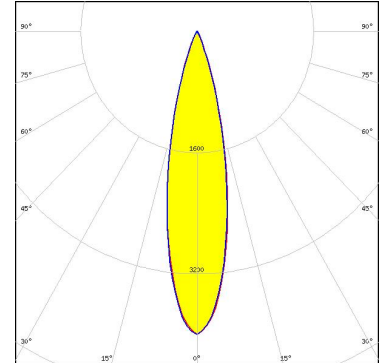


Bender Wirth: 652b Hekla

Light distribution files

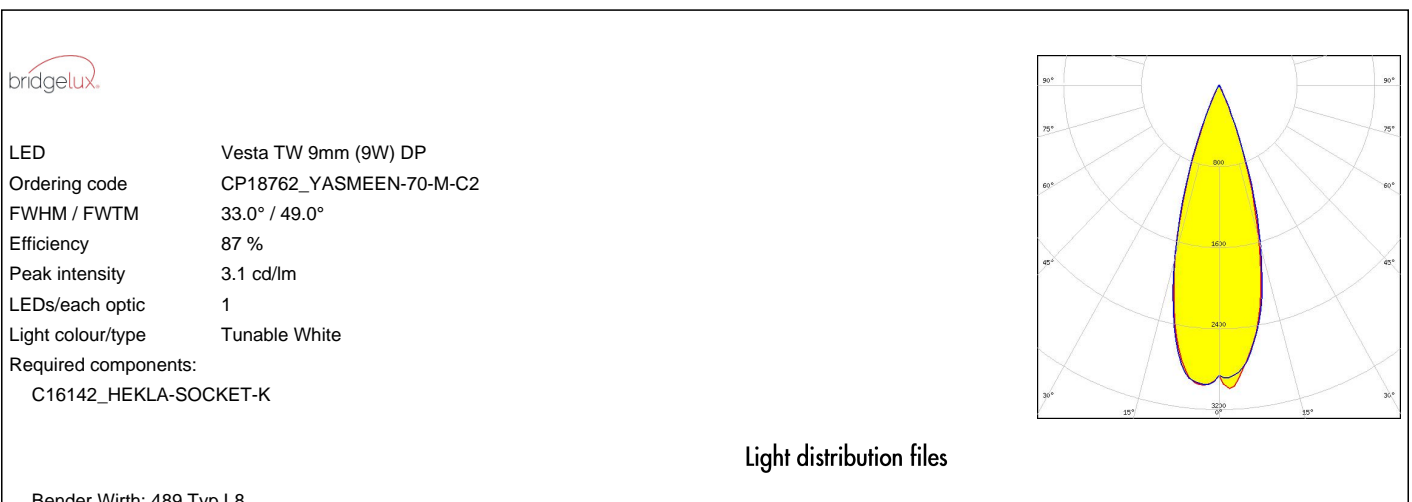
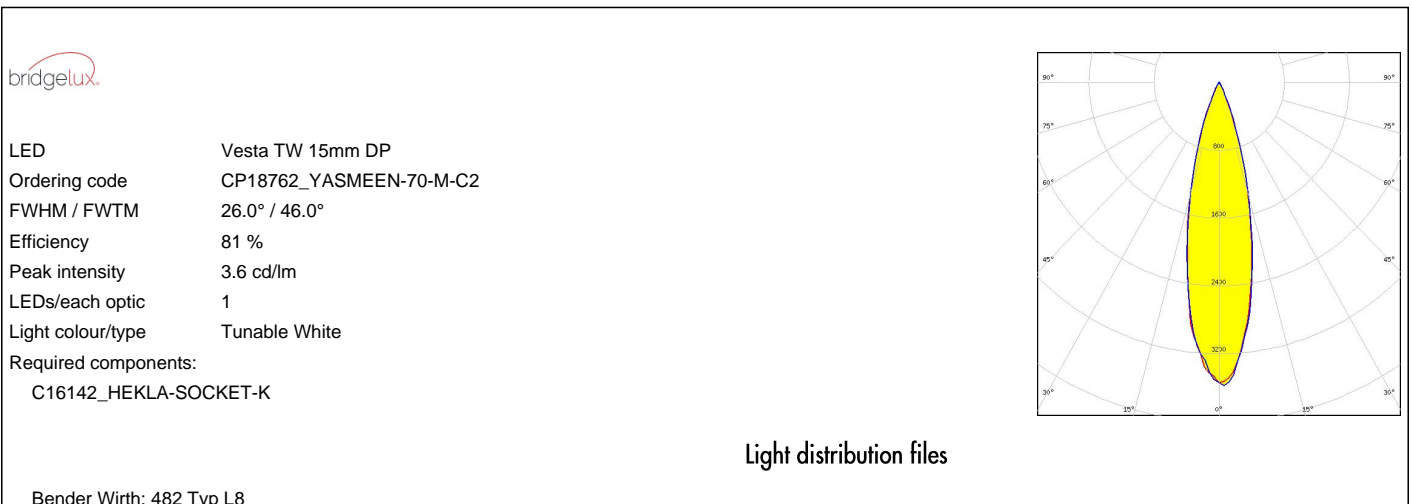
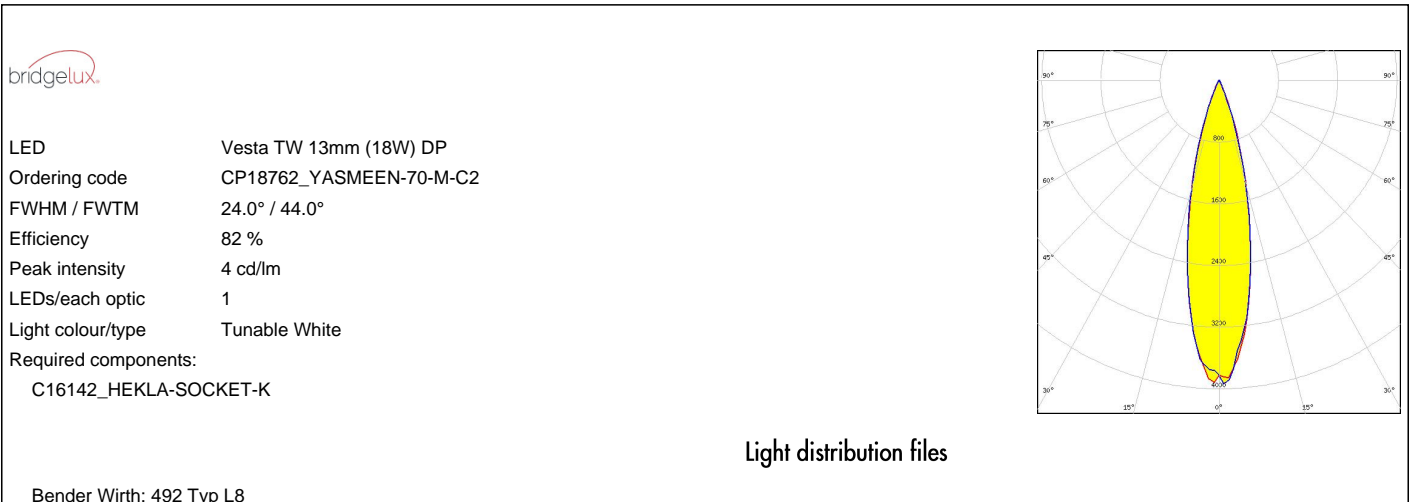


**LED** Vesta SE 13mm TW  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 24.0° / 42.0°  
**Efficiency** 78 %  
**Peak intensity** 4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K



Light distribution files

### OPTICAL RESULTS (SIMULATED):





### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

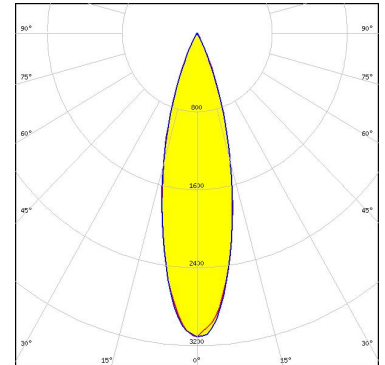
LED	CLL03x/CLU03x
Ordering code	CP18769_YASMEEN-70-M-B2
FWHM / FWTM	26.0° / 46.0°
Efficiency	83 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

BJB: 47.360.1010

Light distribution files

#### CITIZEN

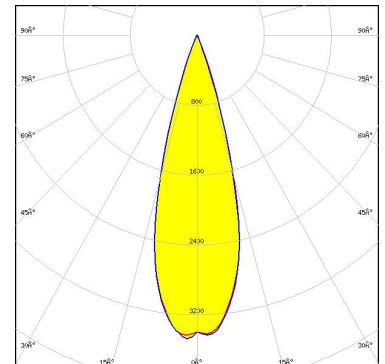
LED	CLU03Q Type-F
Ordering code	CP18762_YASMEEN-70-M-C2
FWHM / FWTM	28.0° / 50.0°
Efficiency	82 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	F17438_HEKLA-G2-I



Light distribution files

#### CITIZEN

LED	CLU700/701/702/703
Ordering code	CP18769_YASMEEN-70-M-B2
FWHM / FWTM	30.0° / 42.0°
Efficiency	82 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



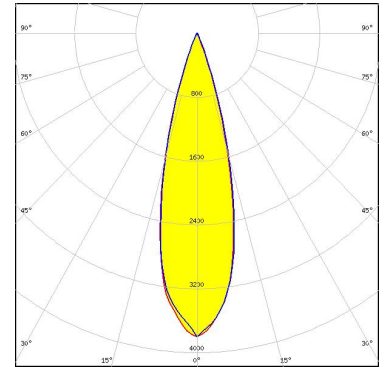
Light distribution files

BJB: 47.360.1020

### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

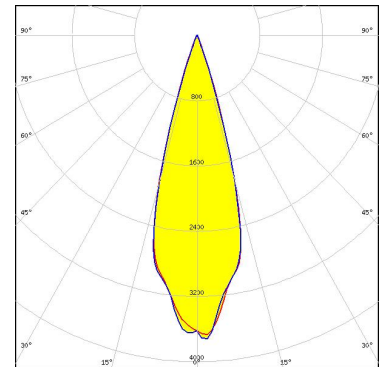
LED CLU712/713  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 28.0° / 42.0°  
Efficiency 84 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files



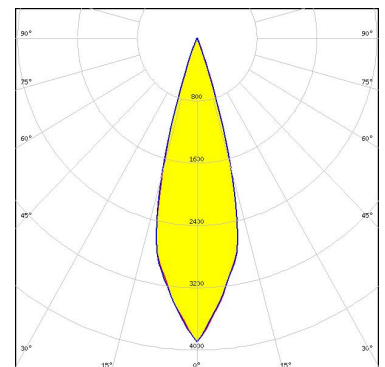
LED CHA0304  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 30.0° / 41.0°  
Efficiency 85 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



Light distribution files



LED CHA0410  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 30.0° / 41.0°  
Efficiency 85 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C

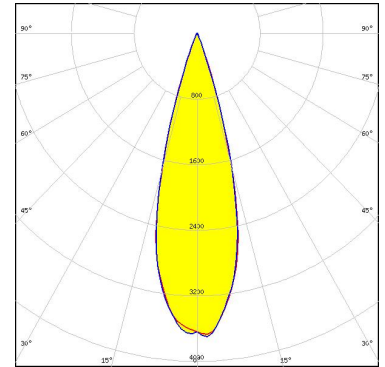


Light distribution files

### OPTICAL RESULTS (SIMULATED):



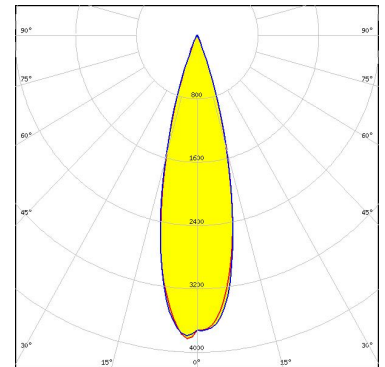
**LED** CHA0612  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 30.0° / 42.0°  
**Efficiency** 85 %  
**Peak intensity** 3.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17435\_HEKLA-G2-C



Light distribution files



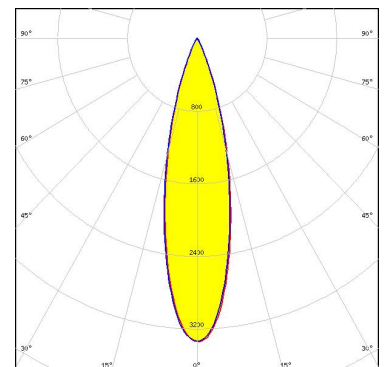
**LED** CMU10xx  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 27.0° / 44.0°  
**Efficiency** 85 %  
**Peak intensity** 3.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17435\_HEKLA-G2-C



Light distribution files



**LED** CMU15xx  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 26.0° / 46.0°  
**Efficiency** 83 %  
**Peak intensity** 3.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17438\_HEKLA-G2-I

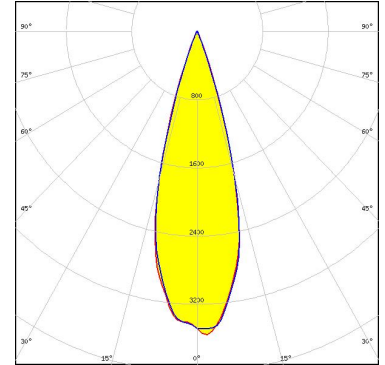


Light distribution files

### OPTICAL RESULTS (SIMULATED):



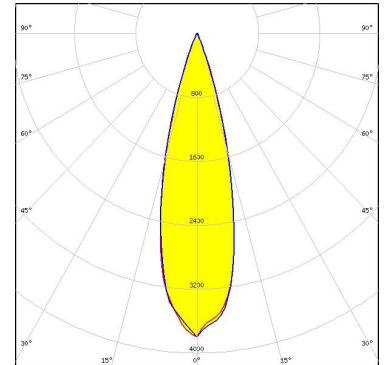
LED CXA/B 13xx  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 30.0° / 43.0°  
Efficiency 85 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17439\_HEKLA-G2-J



Light distribution files



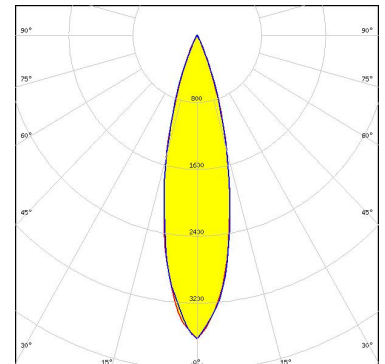
LED CXA/B 15xx  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 28.0° / 42.0°  
Efficiency 84 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17436\_HEKLA-G2-D



Light distribution files



LED CXA/B 1830  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 46.0°  
Efficiency 83 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



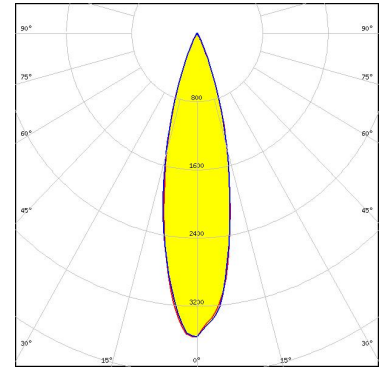
Light distribution files

Bender Wirth: 637b Hekla

### OPTICAL RESULTS (SIMULATED):



LED LUXEON CX Plus CoB L08 (Gen2)  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 48.0°  
Efficiency 83 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

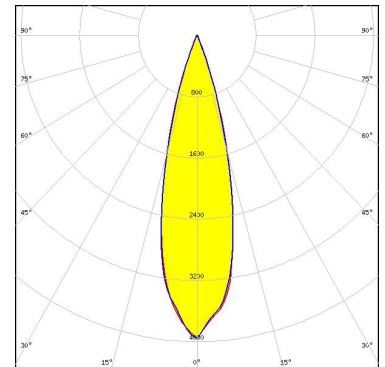


Bender Wirth: 637a Hekla

Light distribution files



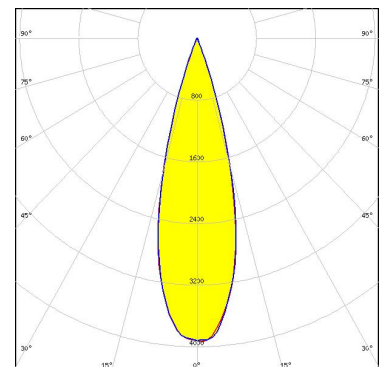
LED LUXEON CoB 1202/1203  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 42.0°  
Efficiency 85 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15858\_HEKLA-SOCKET-H



Light distribution files



LED LUXEON CoB 1202HD  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 28.0° / 42.0°  
Efficiency 87 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15848\_HEKLA-SOCKET-G

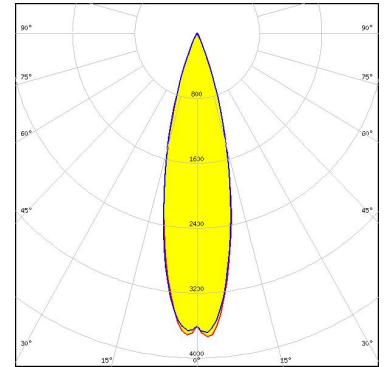


Light distribution files

### OPTICAL RESULTS (SIMULATED):



LED LUXEON CoB 1204/1205  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 46.0°  
Efficiency 84 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

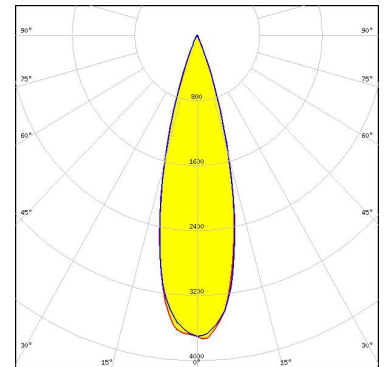


Bender Wirth: 632a Hekla XL

Light distribution files



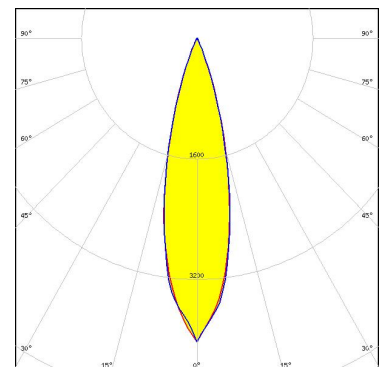
LED LUXEON CoB 1204HD  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 28.0° / 44.0°  
Efficiency 85 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15858\_HEKLA-SOCKET-H



Light distribution files



LED LUXEON CoB 1205HD  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 44.0°  
Efficiency 84 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15858\_HEKLA-SOCKET-H

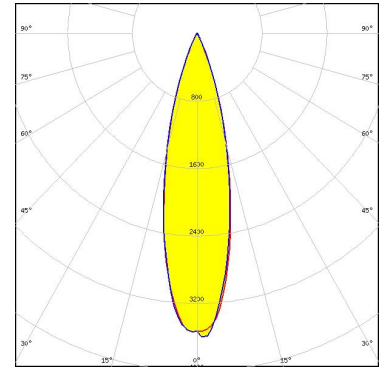


Light distribution files

### OPTICAL RESULTS (SIMULATED):



LED LUXEON CoB 1208  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 46.0°  
Efficiency 83 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

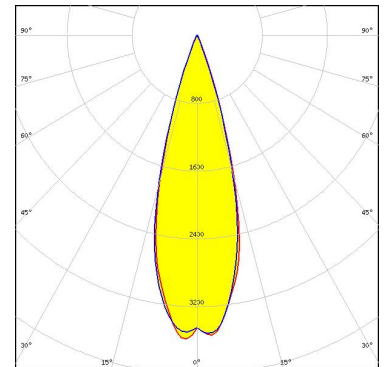


Bender Wirth: 632a Hekla XL

Light distribution files



LED LUXEON CX Plus CoB - HD S02H6  
Ordering code CP18769\_YASMEEN-70-M-B2  
FWHM / FWTM 30.0° / 44.0°  
Efficiency 87 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

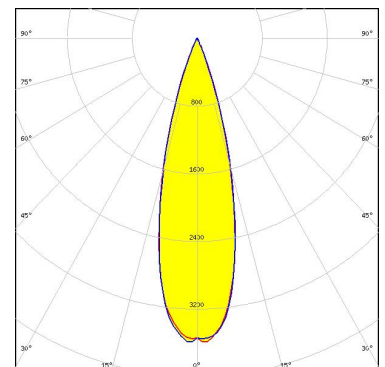


Bender Wirth: 634c Bayonet35L

Light distribution files



LED LUXEON CX Plus CoB - HD S04H9  
Ordering code CP18769\_YASMEEN-70-M-B2  
FWHM / FWTM 28.0° / 46.0°  
Efficiency 86 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



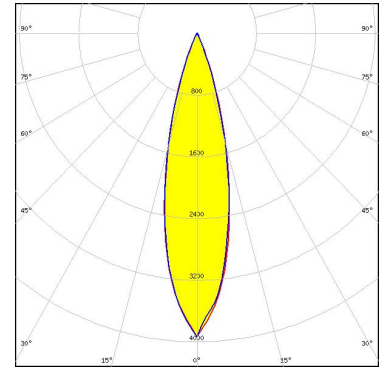
Bender Wirth: 634a Bayonet35L

Light distribution files

### OPTICAL RESULTS (SIMULATED):



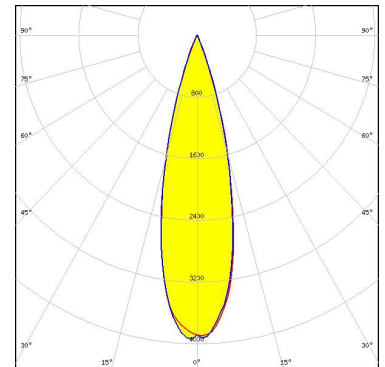
**LED** LUXEON CX Plus CoB L04 / L05 (Gen2)  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 26.0° / 44.0°  
**Efficiency** 83 %  
**Peak intensity** 3.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15254\_HEKLA-SOCKET-B



Light distribution files



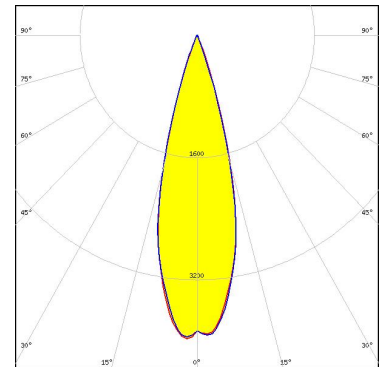
**LED** LUXEON CX Plus CoB M02 / M03 (Gen2)  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 27.0° / 44.0°  
**Efficiency** 86 %  
**Peak intensity** 4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15256\_HEKLA-SOCKET-D



Light distribution files



**LED** LUXEON CX Plus CoB S01 (Gen2)  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 28.0° / 42.0°  
**Efficiency** 88 %  
**Peak intensity** 4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15956\_HEKLA-SOCKET-J



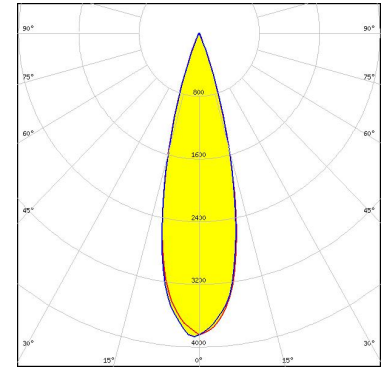
Light distribution files



### OPTICAL RESULTS (SIMULATED):



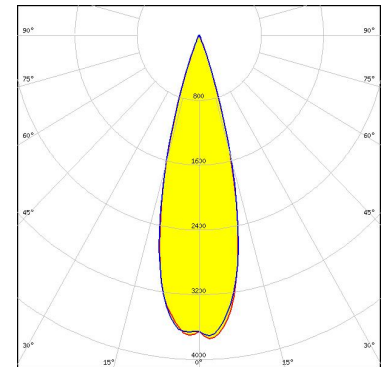
**LED** CHM-9 XH (19x19)  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 28.0° / 42.0°  
**Efficiency** 84 %  
**Peak intensity** 3.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15859\_HEKLA-SOCKET-I



Light distribution files



**LED** CTM-6 (Tunable White) Gen2  
**Ordering code** CP18762\_YASMEEN-70-M-C2  
**FWHM / FWTM** 28.0° / 42.0°  
**Efficiency** 84 %  
**Peak intensity** 3.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K

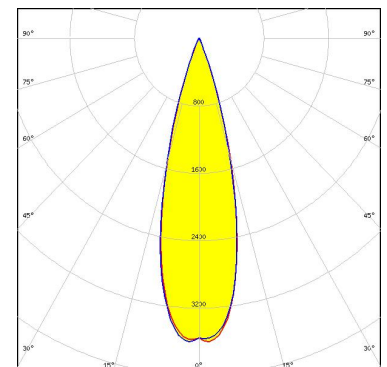


Light distribution files

Bender Wirth: 495 Typ L8



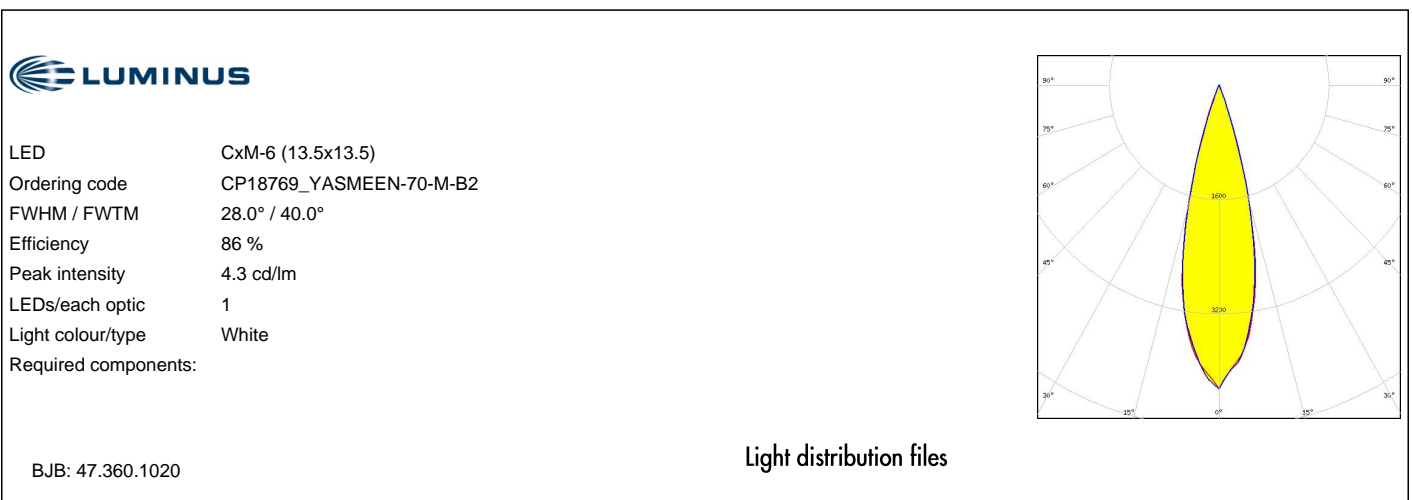
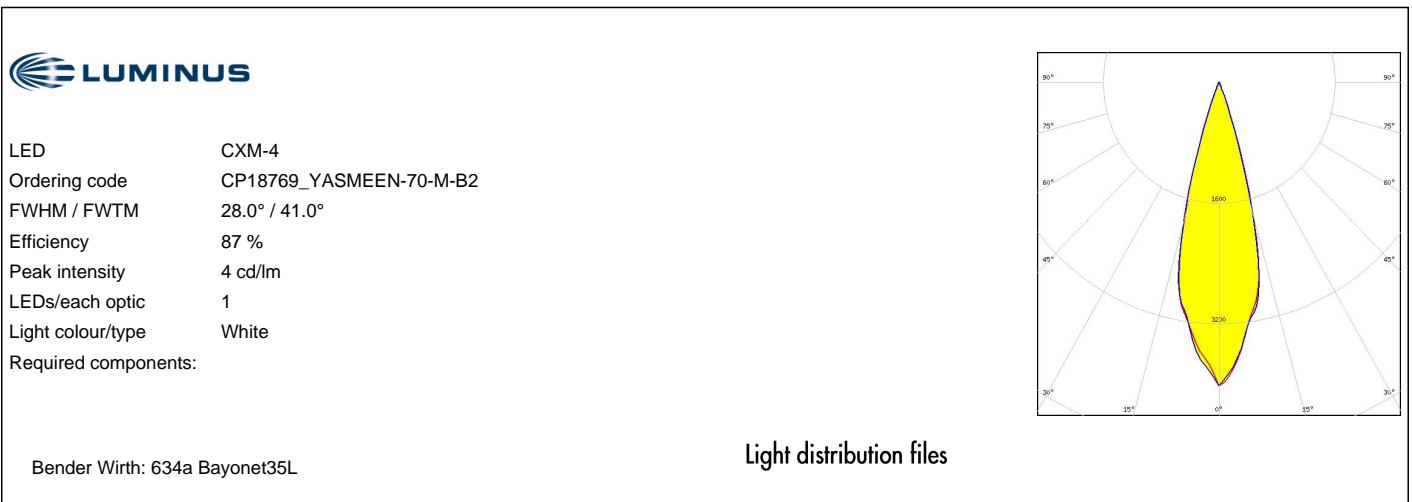
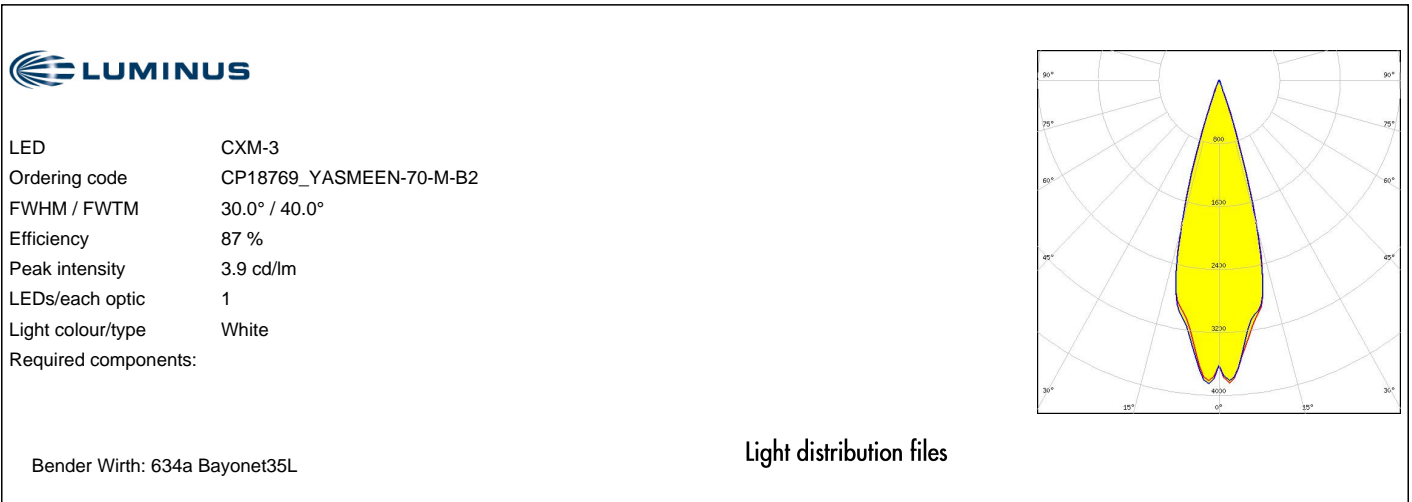
**LED** CTM-9 (Tunable White) Gen2  
**FWHM / FWTM** 28.0° / 44.0°  
**Efficiency** 82 %  
**Peak intensity** 3.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K



Light distribution files

Bender Wirth: 495 Typ L8

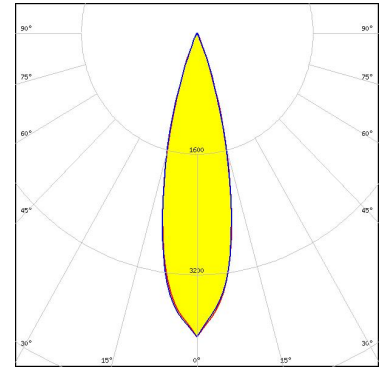
### OPTICAL RESULTS (SIMULATED):



### OPTICAL RESULTS (SIMULATED):



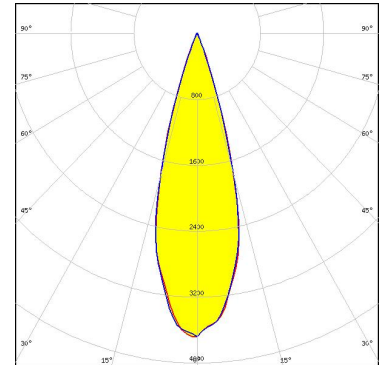
LED CxM-9 (13.5x13.5)  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 44.0°  
Efficiency 85 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



Light distribution files



LED COB S-Type (LES 6)  
Ordering code CP18769\_YASMEEN-70-M-B2  
FWHM / FWTM 30.0° / 42.0°  
Efficiency 87 %  
Peak intensity 3.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

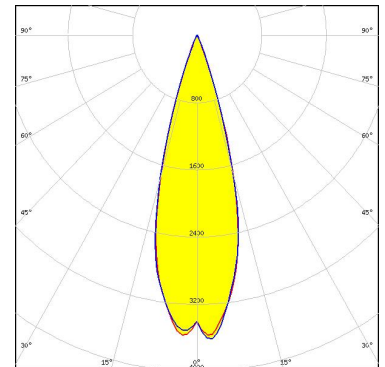


Bender Wirth: 652a Bayonet35L

Light distribution files



LED COB S-Type (LES 7)  
Ordering code CP18769\_YASMEEN-70-M-B2  
FWHM / FWTM 30.0° / 44.0°  
Efficiency 87 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



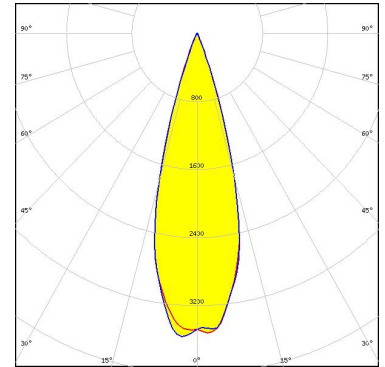
Bender Wirth: 652a Bayonet35L

Light distribution files

### OPTICAL RESULTS (SIMULATED):



LED COB T-Type  
Ordering code CP18769\_YASMEEN-70-M-B2  
FWHM / FWTM 30.0° / 44.0°  
Efficiency 87 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

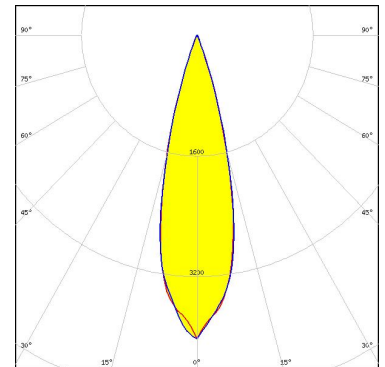


Bender Wirth: 652a Bayonet35L

Light distribution files



LED NJCWL024Z-V1MT: COB L-Type Tunable White  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 41.0°  
Efficiency 83 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K

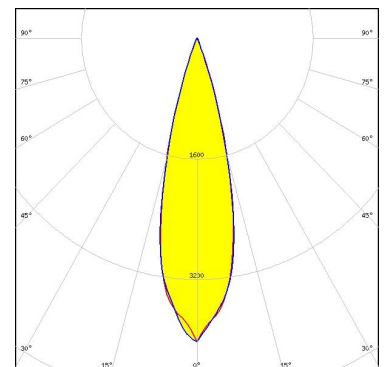


Bender Wirth: 497 Typ L8 HV

Light distribution files



LED NJCWL024Z-V1MT: COB L-Type Tunable White  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 41.0°  
Efficiency 83 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K



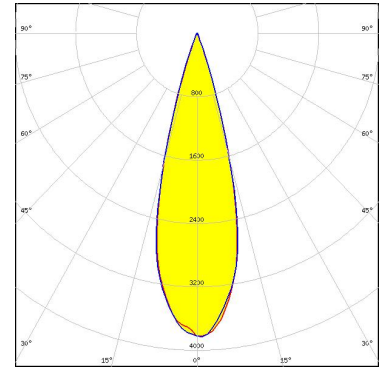
Bender Wirth: 497 Typ L8 HV

Light distribution files

### OPTICAL RESULTS (SIMULATED):



LED NJNWS012Z-V1MT: COB S-Type Tunable White  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 28.0° / 40.0°  
Efficiency 84 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K

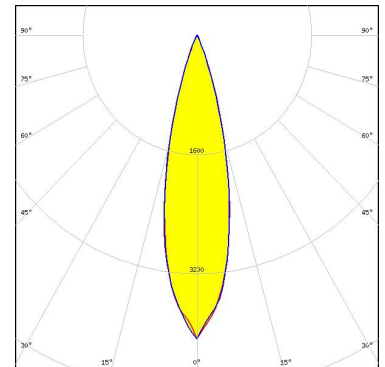


Light distribution files

Bender Wirth: 495 Typ L8 HV



LED NVCWJ024Z-V1MT: COB J-Type Tunable White  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 25.0° / 42.0°  
Efficiency 83 %  
Peak intensity 4.1 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K

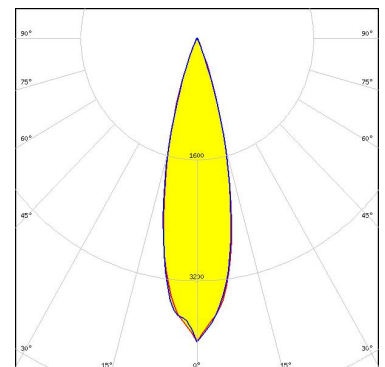


Light distribution files

Bender Wirth: 498 Typ L8 HV



LED LC003D / LC006D / LC009D / LC013D  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 43.0°  
Efficiency 84 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C

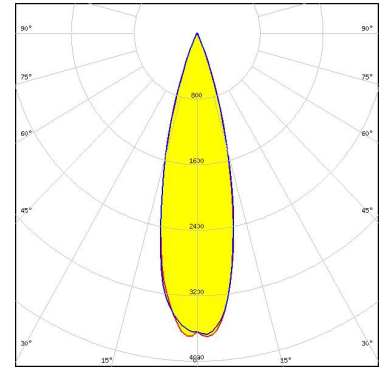


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

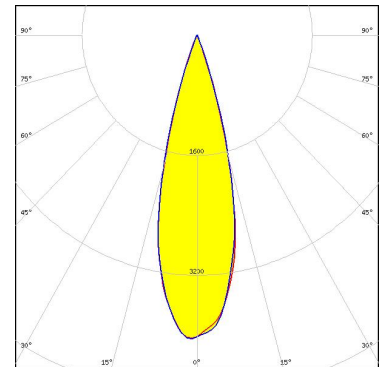
LED LC003D / LC006D / LC009D / LC013D  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 28.0° / 44.0°  
Efficiency 84 %  
Peak intensity 3.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



Light distribution files

#### SAMSUNG

LED LC010C G2  
Ordering code CP18769\_YASMEEN-70-M-B2  
FWHM / FWTM 28.0° / 42.0°  
Efficiency 86 %  
Peak intensity 4.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

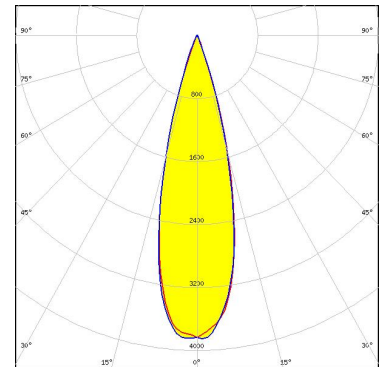


Light distribution files

BJB: 47.360.1020

#### SAMSUNG

LED LC010T (Tunable White)  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 28.0° / 42.0°  
Efficiency 84 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K



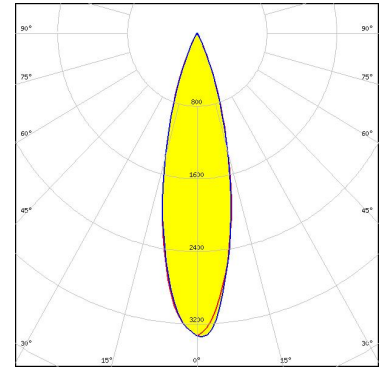
Light distribution files

Bender Wirth: 501 Typ L8

### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

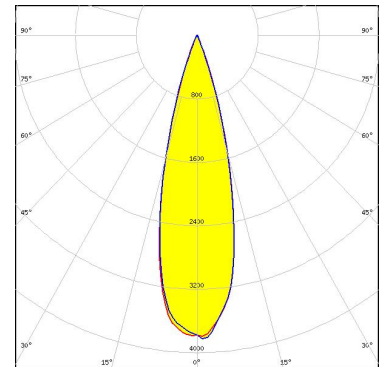
LED LC016D / LC019D / LC026D / LC033D  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 48.0°  
Efficiency 81 %  
Peak intensity 3.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

#### SAMSUNG

LED LC020C G2  
Ordering code CP18769\_YASMEEN-70-M-B2  
FWHM / FWTM 28.0° / 42.0°  
Efficiency 84 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

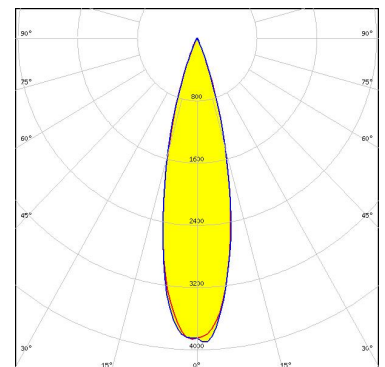


Light distribution files

BJB: 47.360.1010

#### SAMSUNG

LED LC020T (Tunable white)  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 44.0°  
Efficiency 83 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K



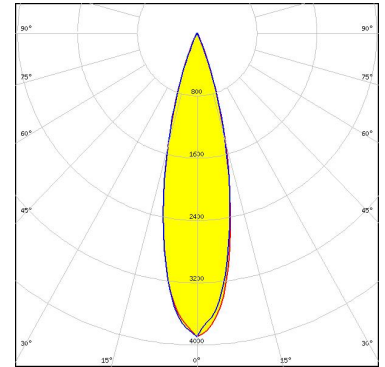
Light distribution files

Bender Wirth: 501 Typ L8

### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

LED LC030C/040C G2  
Ordering code CP18769\_YASMEEN-70-M-B2  
FWHM / FWTM 26.0° / 44.0°  
Efficiency 83 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

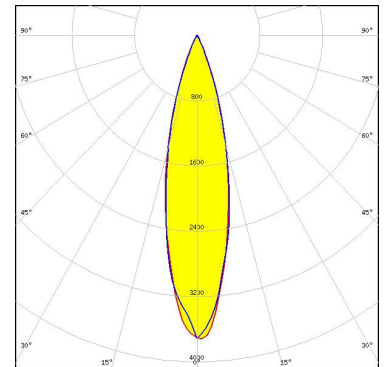


BJB: 47.360.1010

Light distribution files



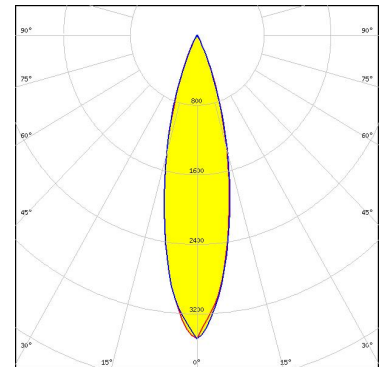
LED MJT COB LES 14.5  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 25.0° / 46.0°  
Efficiency 83 %  
Peak intensity 3.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



Light distribution files



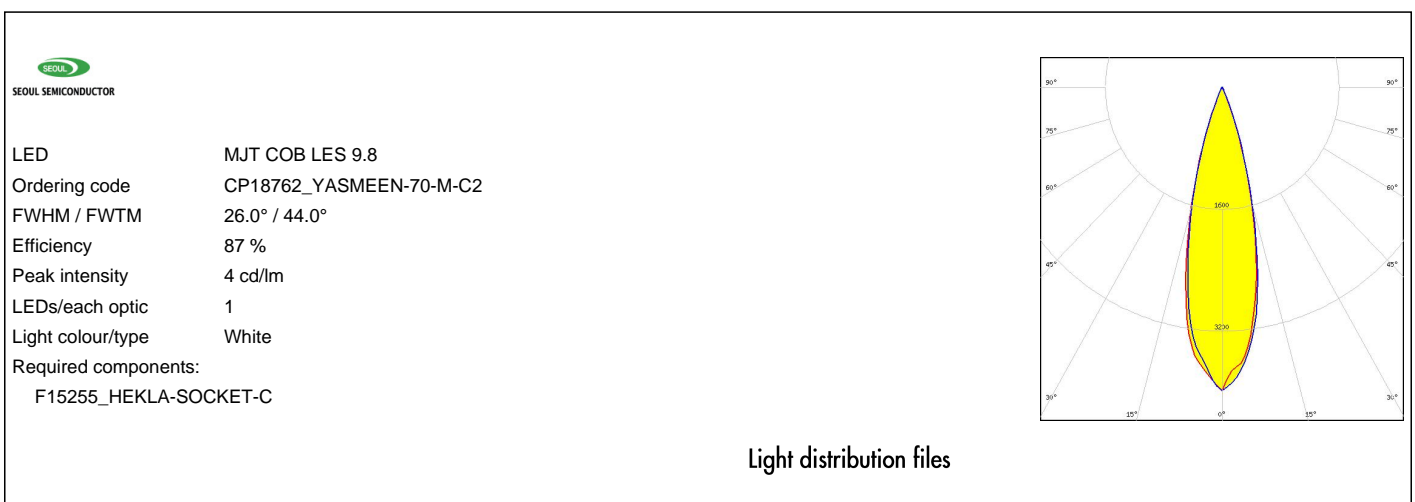
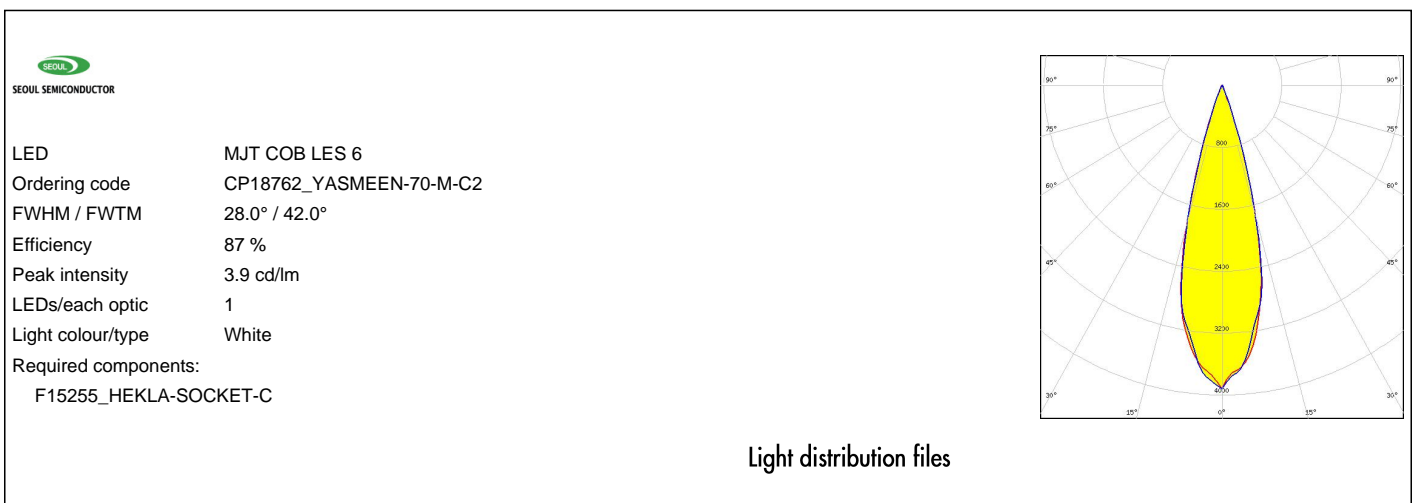
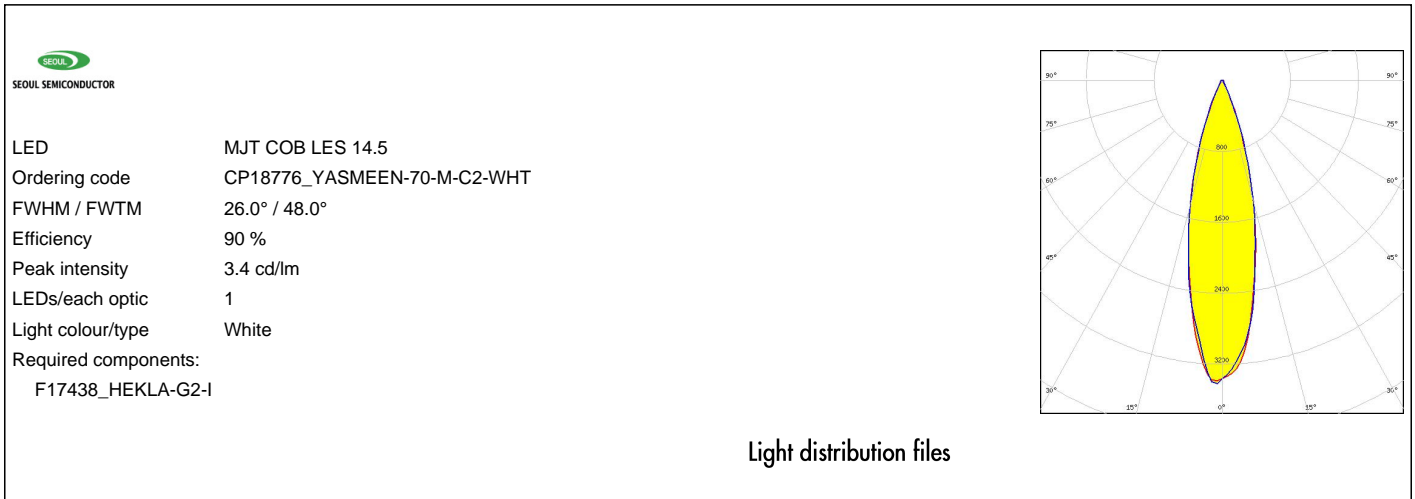
LED MJT COB LES 14.5  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 48.0°  
Efficiency 82 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files



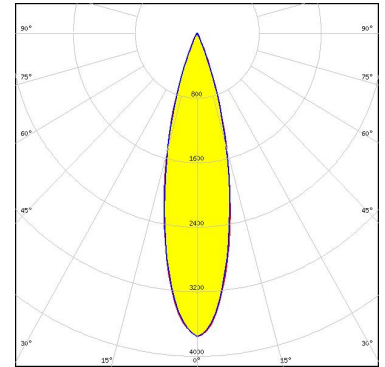
### OPTICAL RESULTS (SIMULATED):



### OPTICAL RESULTS (SIMULATED):

#### TRIDONIC

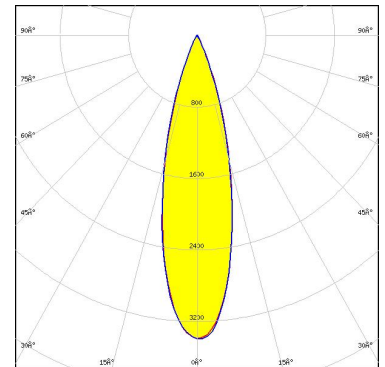
LED SLE G7 LES13  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 26.0° / 46.0°  
Efficiency 83 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

#### XICATO

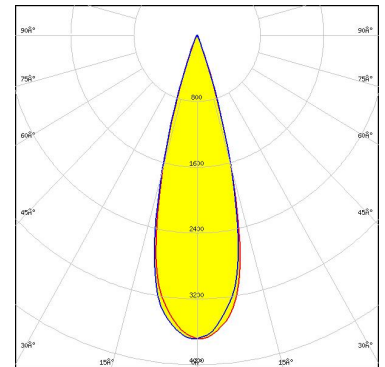
LED XOB 14.5 mm  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 27.0° / 48.0°  
Efficiency 83 %  
Peak intensity 3.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

#### XICATO

LED XOB 6 mm  
Ordering code CP18762\_YASMEEN-70-M-C2  
FWHM / FWTM 29.0° / 42.0°  
Efficiency 86 %  
Peak intensity 3.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



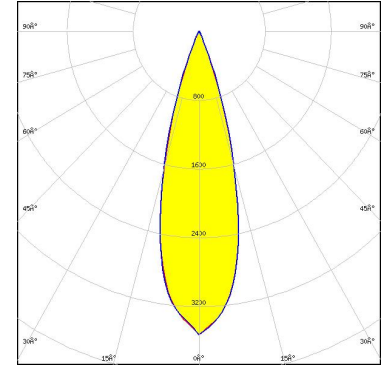
Light distribution files

Bender Wirth: 634b Hekla

### OPTICAL RESULTS (SIMULATED):

#### XICATO

LED	XOB 9.8 mm
Ordering code	CP18762_YASMEEN-70-M-C2
FWHM / FWTM	28.0° / 44.0°
Efficiency	86 %
Peak intensity	3.5 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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