

### YASMEEN-70-S

~15° spot beam

#### SPECIFICATION:

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



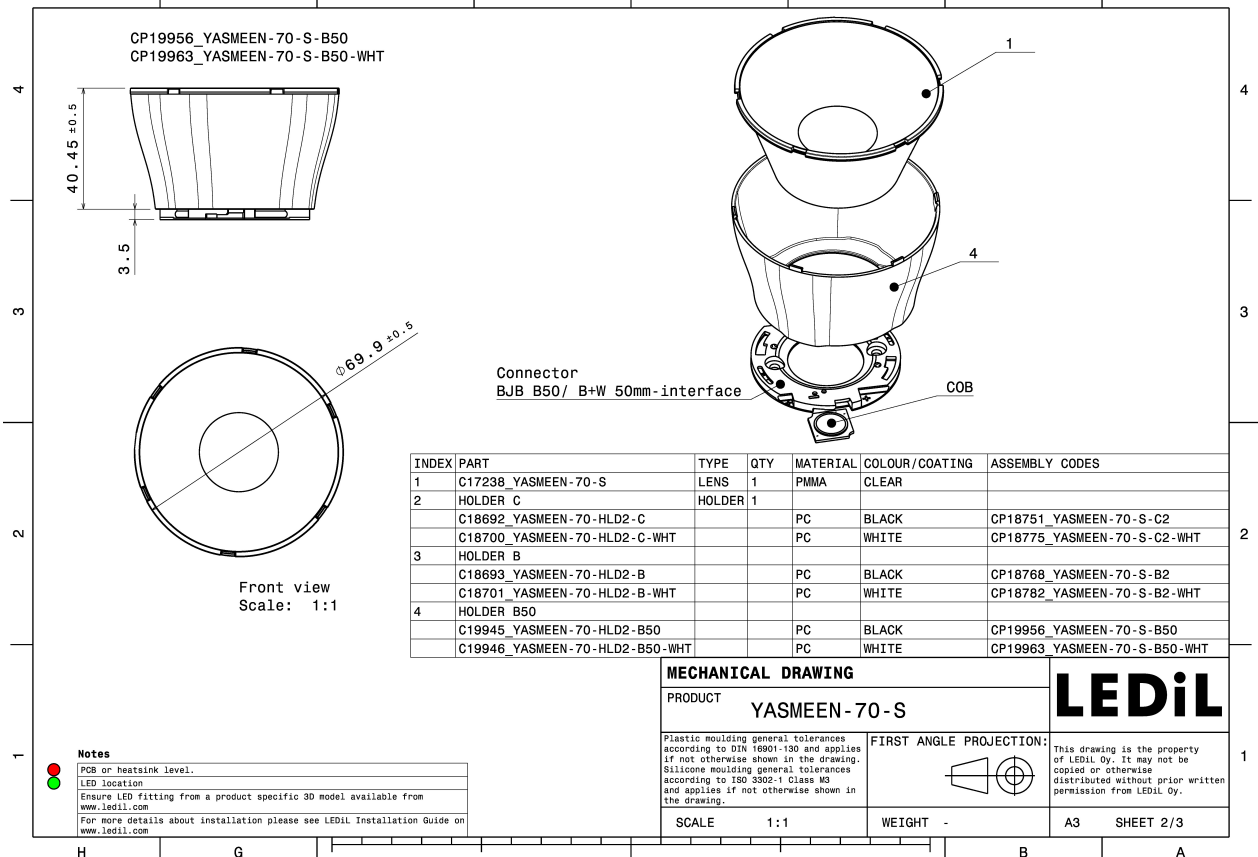
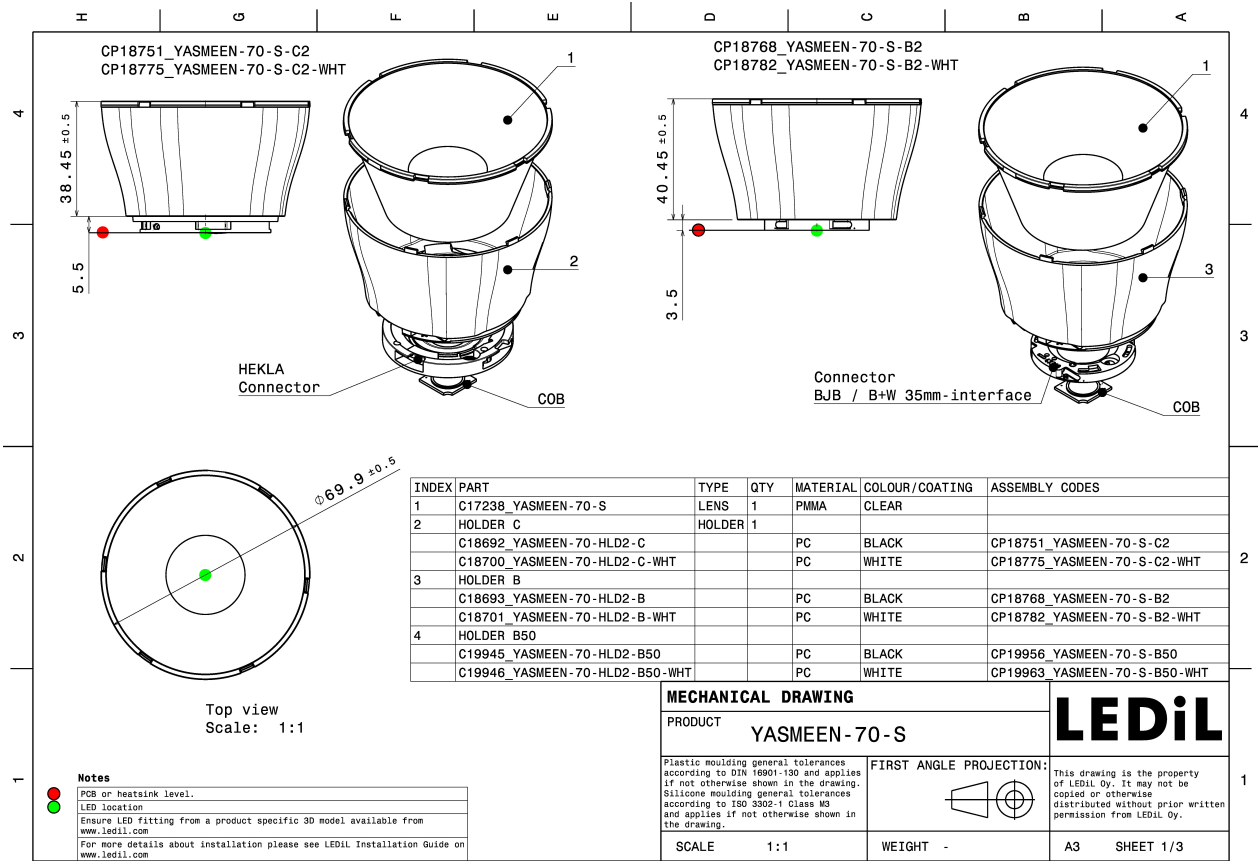
#### MATERIALS:

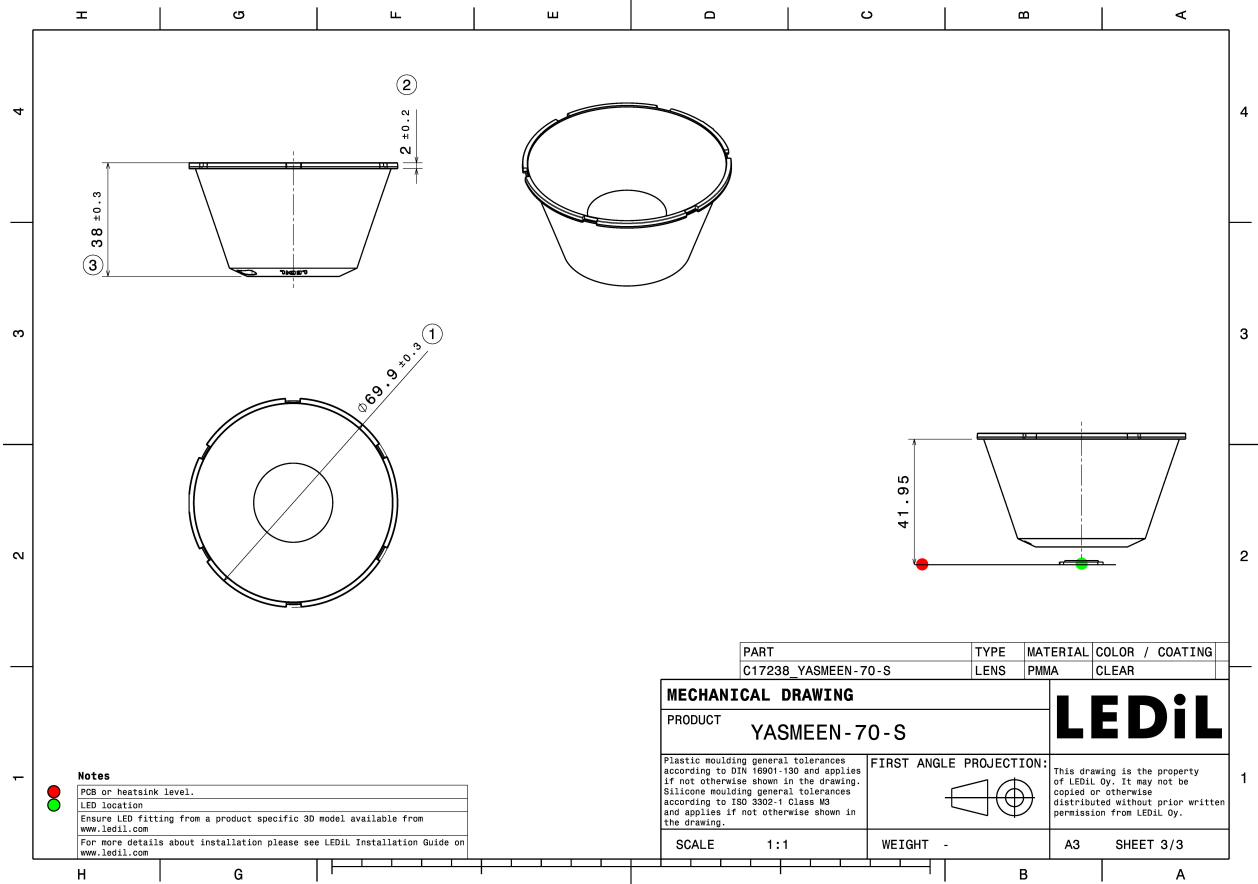
Component	Type	Material	Colour	Finish	Length (mm)
YASMEEN-70-S	Single lens	PMMA	clear		
YASMEEN-70-HLD2-C	Holder C	PC	black		
YASMEEN-70-HLD2-B	Holder B	PC	black		
YASMEEN-70-HLD2-C-WHT	Holder C	PC	white		
YASMEEN-70-HLD2-B-WHT	Holder B	PC	white		
YASMEEN-70-HLD2-B50	Holder B	PC	black		
YASMEEN-70-HLD2-B50-WHT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

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17238_YASMEEN-70-S	105	105	15	8.0
<b>Assembly</b>				
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





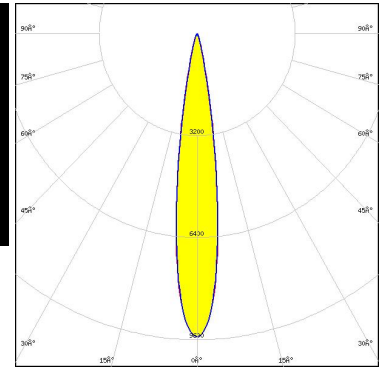


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



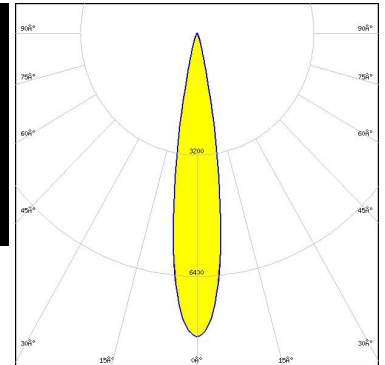
**LED** V10 Gen 8-9  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 16.0° / 27.0°  
**Efficiency** 88 %  
**Peak intensity** 9.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15255\_HEKLA-SOCKET-C



Light distribution files



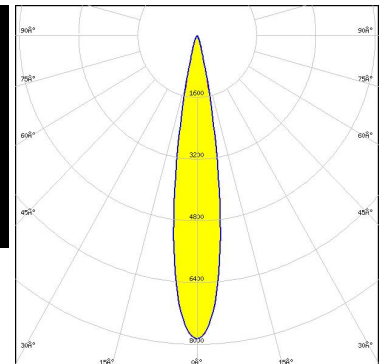
**LED** V11 HD Gen 8  
**Ordering code** CP18775\_YASMEEN-70-S-C2-WHT  
**FWHM / FWTM** 18.0° / 30.0°  
**Efficiency** 93 %  
**Peak intensity** 8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 633d Hekla



Light distribution files



**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

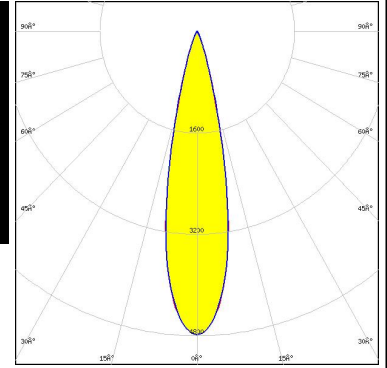


Light distribution files

### OPTICAL RESULTS (MEASURED):



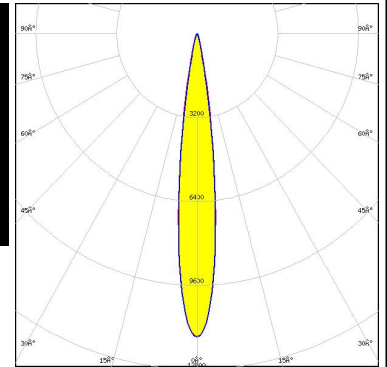
**LED** V13 Gen 8-9  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 23.0° / 39.0°  
**Efficiency** 86 %  
**Peak intensity** 4.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15859\_HEKLA-SOCKET-I



Light distribution files



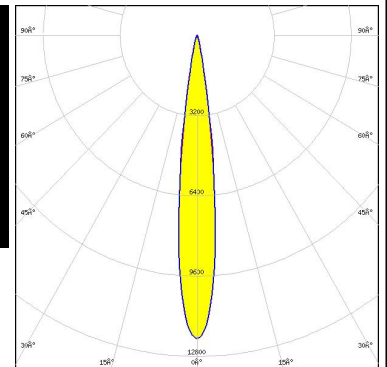
**LED** V8 Gen 8-9  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 14.0° / 25.0°  
**Efficiency** 90 %  
**Peak intensity** 11.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15253\_HEKLA-SOCKET-A



Light distribution files



**LED** V9 HD Gen7  
**Ordering code** 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

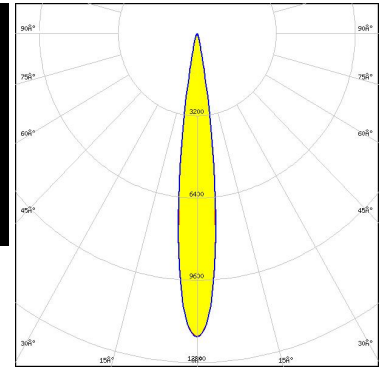


Light distribution files

### OPTICAL RESULTS (MEASURED):



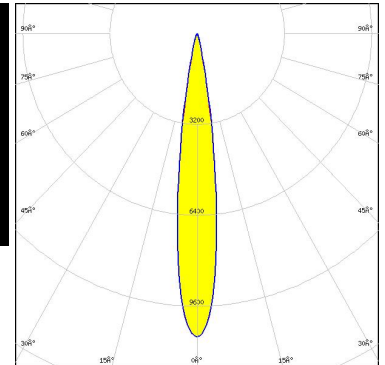
**LED** V9 HD Gen7  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 14.0° / 24.0°  
**Efficiency** 87 %  
**Peak intensity** 12.1 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15859\_HEKLA-SOCKET-I



Light distribution files



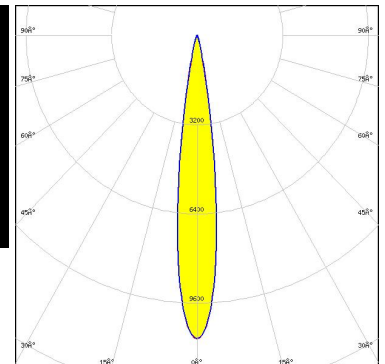
**LED** VERO10  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 14.0° / 25.0°  
**Efficiency** 88 %  
**Peak intensity** 10.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15616\_HEKLA-SOCKET-F



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

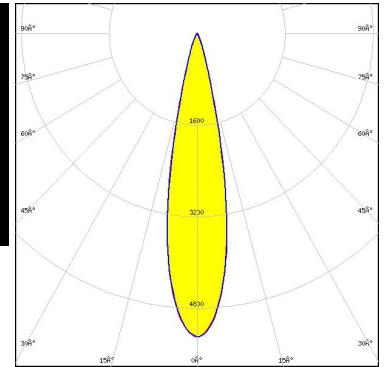
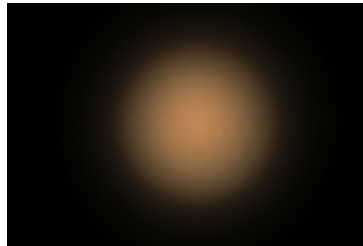


Light distribution files

### OPTICAL RESULTS (MEASURED):



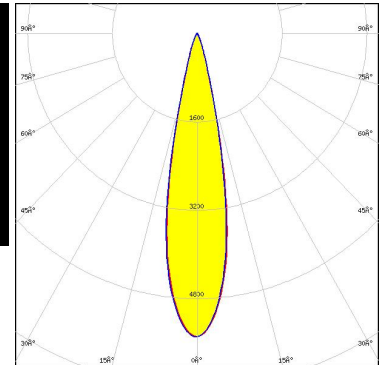
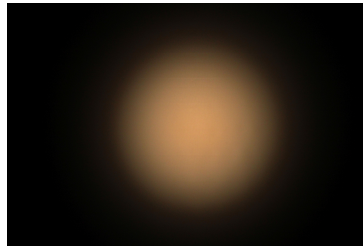
**LED** Vesta DTW 13mm (21W)  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 22.0° / 37.0°  
**Efficiency** 86 %  
**Peak intensity** 5.3 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 632b Hekla XL



Light distribution files



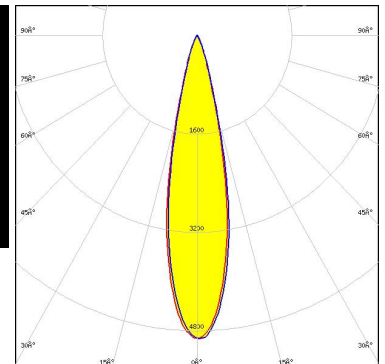
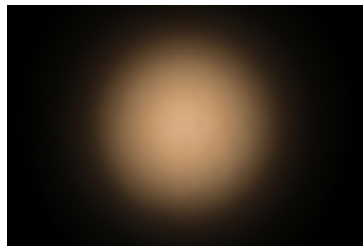
**LED** Vesta DTW 13mm (21W)  
**Ordering code** CP18775\_YASMEEN-70-S-C2-WHT  
**FWHM / FWTM** 22.0° / 36.0°  
**Efficiency** 92 %  
**Peak intensity** 5.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 632b Hekla XL



Light distribution files



**LED** Vesta DTW 15mm (33W)  
**Ordering code** 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

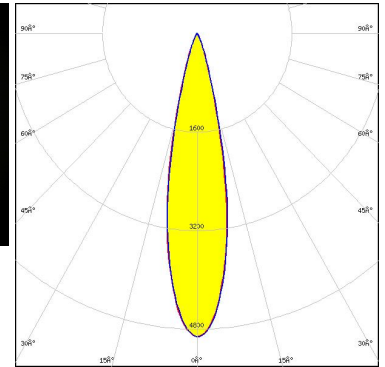


Light distribution files

### OPTICAL RESULTS (MEASURED):



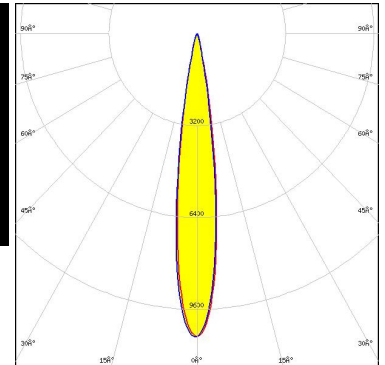
**LED** Vesta DTW 15mm (33W)  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 23.0° / 39.0°  
**Efficiency** 86 %  
**Peak intensity** 4.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 632b Hekla XL



Light distribution files



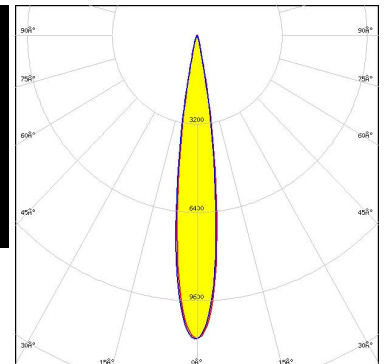
**LED** Vesta DTW 9mm (4W/6W/12W)  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 15.0° / 26.0°  
**Efficiency** 88 %  
**Peak intensity** 10.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 Bender Wirth: 652b Hekla



Light distribution files



**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



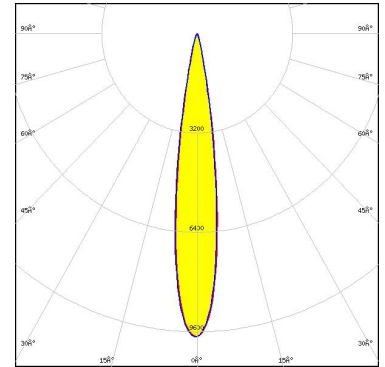
Light distribution files



### OPTICAL RESULTS (MEASURED):

#### CITIZEN

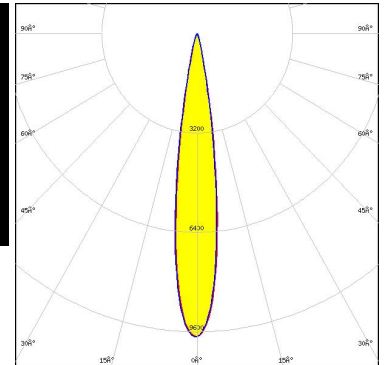
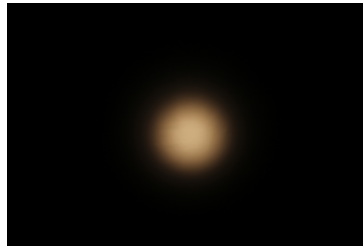
LED CLL02x/CLU02x (LES10)  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 16.0° / 27.0°  
Efficiency 87 %  
Peak intensity 10 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



Light distribution files

#### CITIZEN

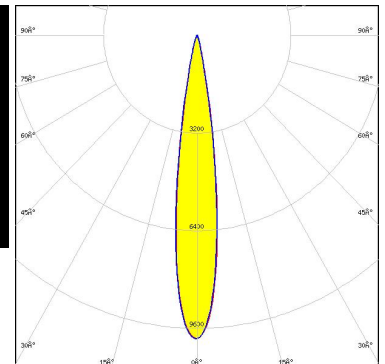
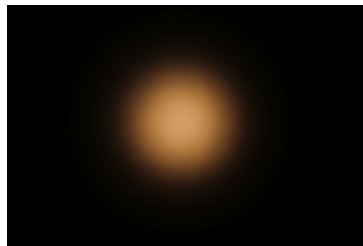
LED CLL02x/CLU02x (LES10)  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 15.0° / 27.0°  
Efficiency 87 %  
Peak intensity 9.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



Light distribution files

#### CITIZEN

LED CLL02x/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



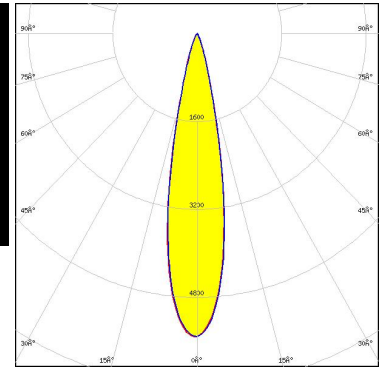
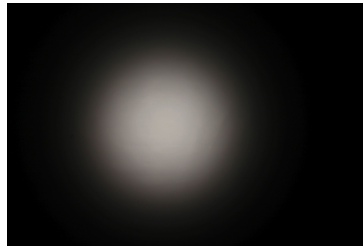
Light distribution files



### OPTICAL RESULTS (MEASURED):

#### CITIZEN

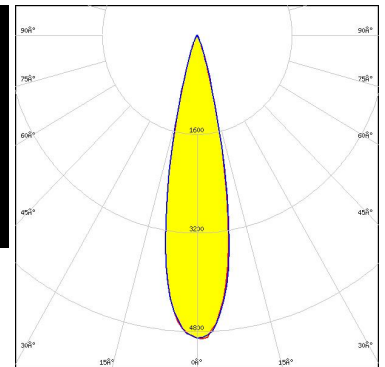
LED CLL03x/CLU03x  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 21.0° / 36.5°  
Efficiency 85 %  
Peak intensity 5.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

#### CITIZEN

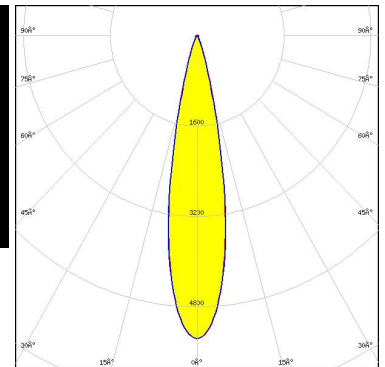
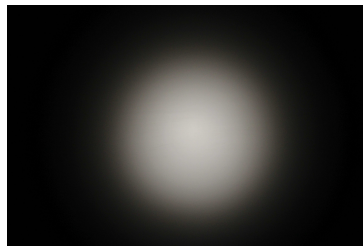
LED CLL03x/CLU03x  
Ordering code CP18775\_YASMEEN-70-S-C2-WHT  
FWHM / FWTM 21.0° / 37.0°  
Efficiency 92 %  
Peak intensity 5.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

#### CITIZEN

LED CLL03x/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

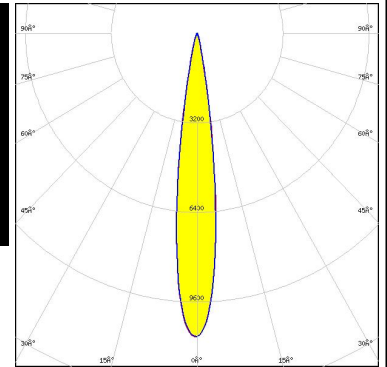
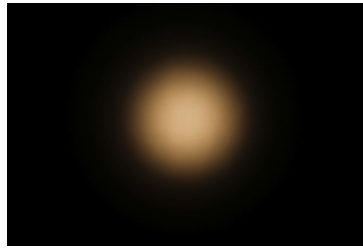


Light distribution files

### OPTICAL RESULTS (MEASURED):



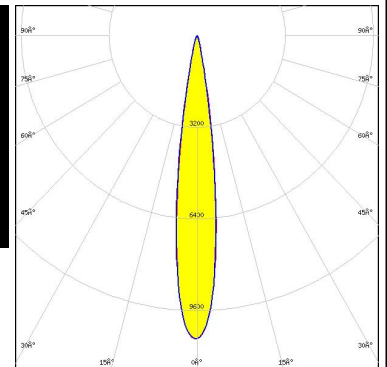
**LED** CMA1516  
**Ordering code** CP18775\_YASMEEN-70-S-C2-WHT  
**FWHM / FWTM** 14.0° / 25.0°  
**Efficiency** 93 %  
**Peak intensity** 10.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17436\_HEKLA-G2-D



Light distribution files



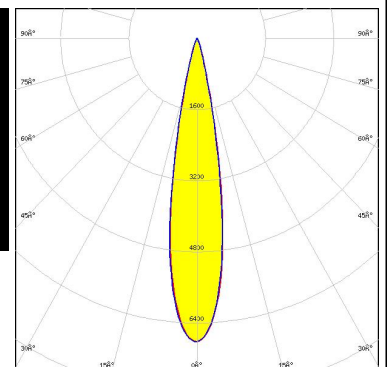
**LED** CMA1516  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 14.0° / 25.0°  
**Efficiency** 87 %  
**Peak intensity** 10.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17436\_HEKLA-G2-D



Light distribution files



**LED** 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

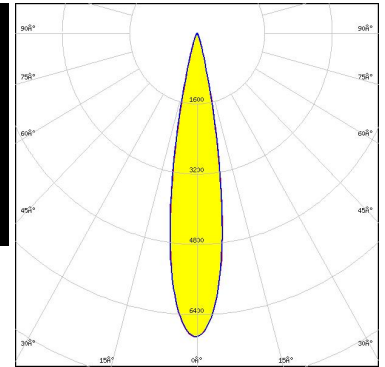


Light distribution files

### OPTICAL RESULTS (MEASURED):



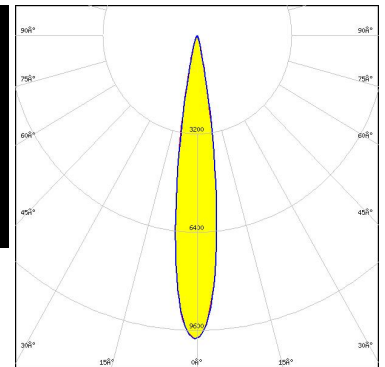
**LED** CMA1825  
**Ordering code** CP18775\_YASMEEN-70-S-C2-WHT  
**FWHM / FWTM** 19.0° / 32.0°  
**Efficiency** 93 %  
**Peak intensity** 6.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15254\_HEKLA-SOCKET-B



Light distribution files



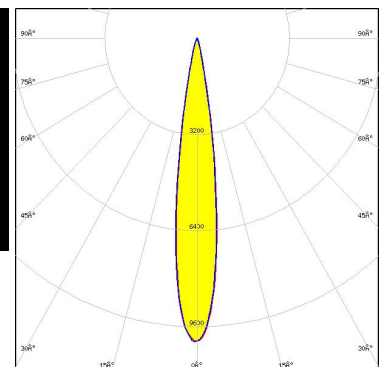
**LED** CMT14xx  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 15.0° / 26.0°  
**Efficiency** 86 %  
**Peak intensity** 10.1 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17435\_HEKLA-G2-C



Light distribution files



**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

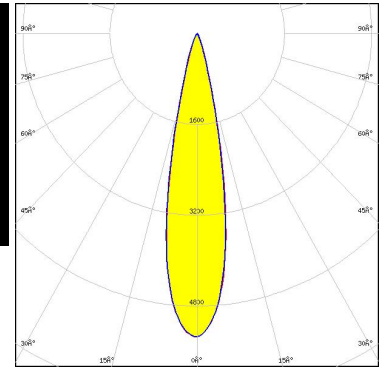


Light distribution files

### OPTICAL RESULTS (MEASURED):



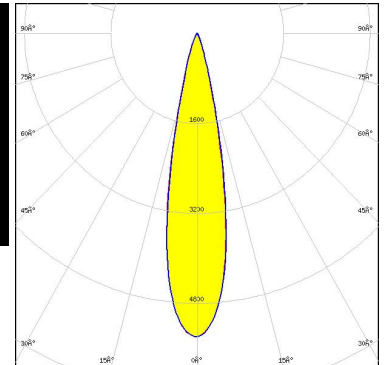
LED CMT19xx  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 21.0° / 36.0°  
Efficiency 85 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files



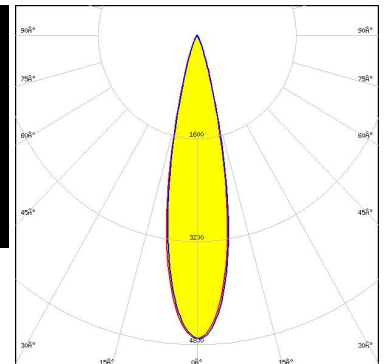
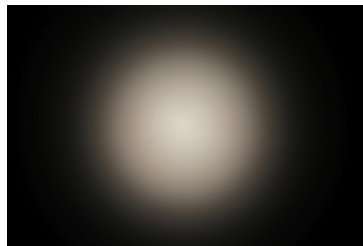
LED CMT19xx  
Ordering code CP18775\_YASMEEN-70-S-C2-WHT  
FWHM / FWTM 21.0° / 36.0°  
Efficiency 92 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files



LED 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

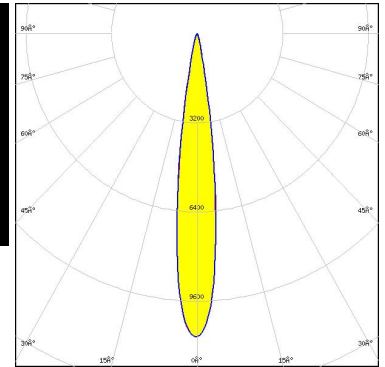


Light distribution files

### OPTICAL RESULTS (MEASURED):



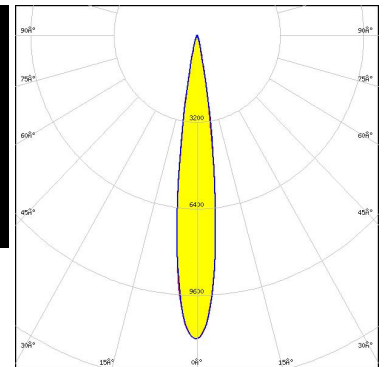
**LED** LUXEON CoB 1202/1203  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 14.0° / 24.0°  
**Efficiency** 86 %  
**Peak intensity** 11.2 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17437\_HEKLA-G2-H



Light distribution files



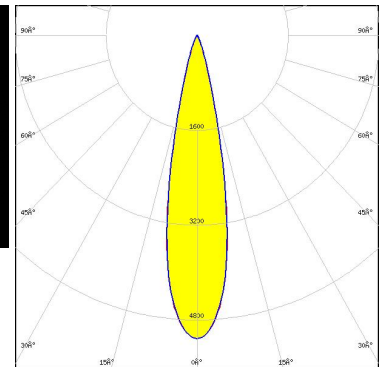
**LED** LUXEON CoB 1202/1203  
**Ordering code** CP18775\_YASMEEN-70-S-C2-WHT  
**FWHM / FWTM** 14.0° / 24.0°  
**Efficiency** 92 %  
**Peak intensity** 11.2 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17437\_HEKLA-G2-H



Light distribution files



**LED** 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

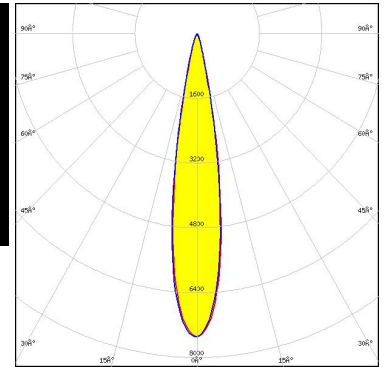


Light distribution files

### OPTICAL RESULTS (MEASURED):



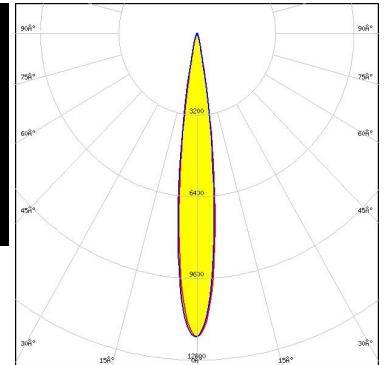
**LED** COB L-Type (LES 11)  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 17.0° / 30.0°  
**Efficiency** 86 %  
**Peak intensity** 7.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17437\_HEKLA-G2-H



Light distribution files



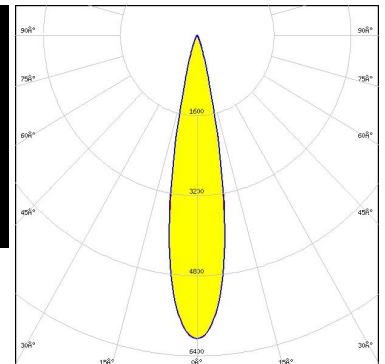
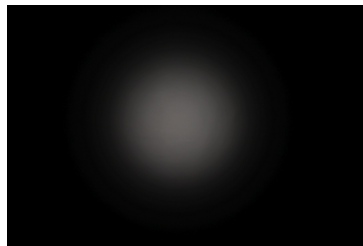
**LED** COB L-Type (LES 9)  
**Ordering code** CP18775\_YASMEEN-70-S-C2-WHT  
**FWHM / FWTM** 13.0° / 24.0°  
**Efficiency** 92 %  
**Peak intensity** 11.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17437\_HEKLA-G2-H



Light distribution files



**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



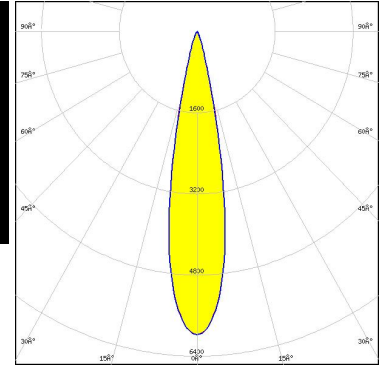
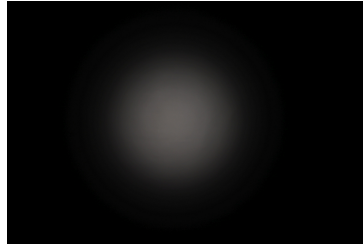
Light distribution files



### OPTICAL RESULTS (MEASURED):



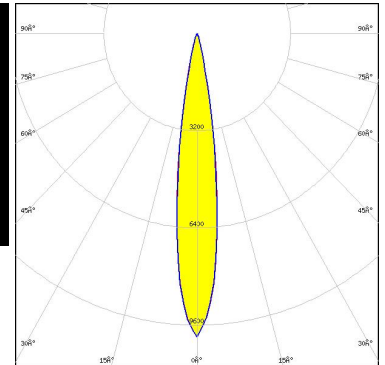
LED COB S-Type (LES 7)  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 20.0° / 34.0°  
Efficiency 85 %  
Peak intensity 6.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files



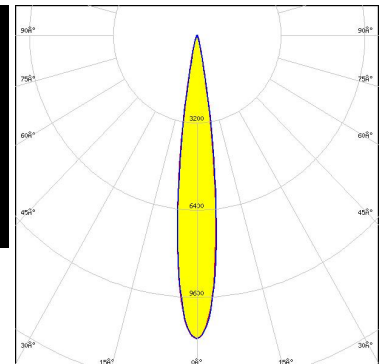
LED Fortimo SLM L09 CoB  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 14.0° / 25.0°  
Efficiency 86 %  
Peak intensity 11.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17437\_HEKLA-G2-H



Light distribution files



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

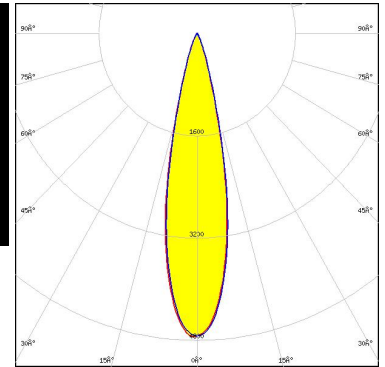


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

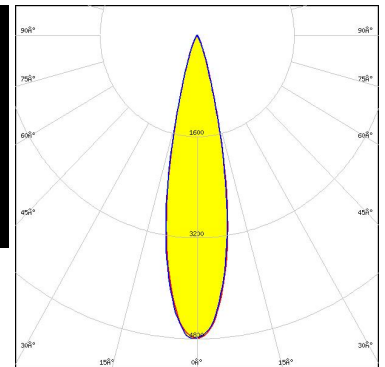
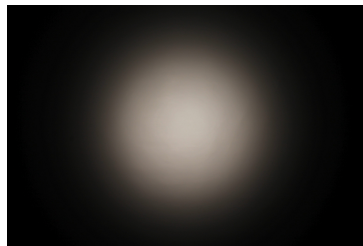
LED LC016D / LC019D / LC026D / LC033D  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 23.0° / 39.0°  
Efficiency 85 %  
Peak intensity 4.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

#### SAMSUNG

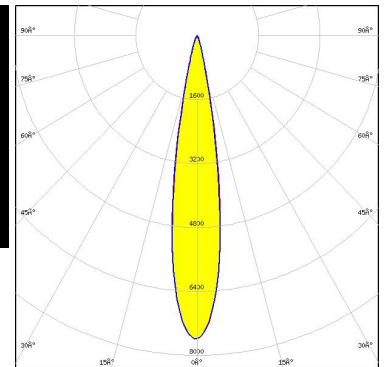
LED LC016D / LC019D / LC026D / LC033D  
Ordering code CP18775\_YASMEEN-70-S-C2-WHT  
FWHM / FWTM 23.0° / 40.0°  
Efficiency 92 %  
Peak intensity 4.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



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



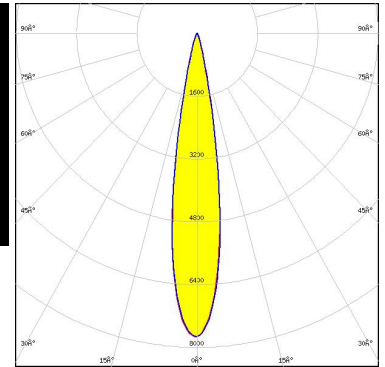
Light distribution files



### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

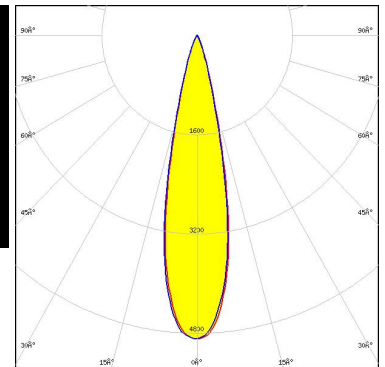
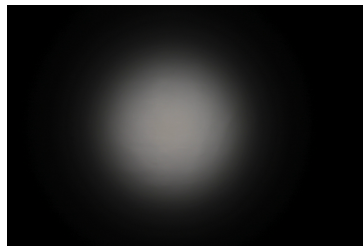
LED LC030C/040C G2  
 Ordering code CP18775\_YASMEEN-70-S-C2-WHT  
 FWHM / FWTM 17.0° / 30.0°  
 Efficiency 92 %  
 Peak intensity 7.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I



Light distribution files



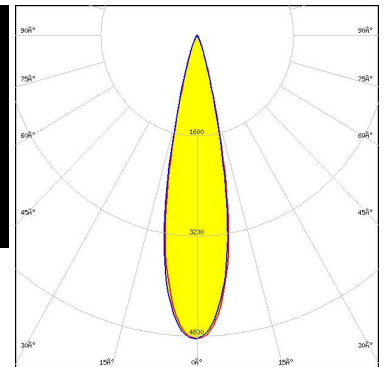
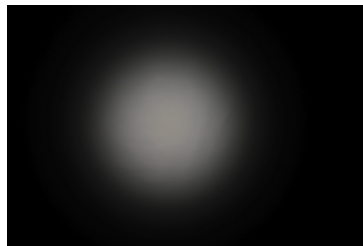
LED MJT COB LES 14.5  
 Ordering code CP18775\_YASMEEN-70-S-C2-WHT  
 FWHM / FWTM 23.0° / 39.0°  
 Efficiency 92 %  
 Peak intensity 4.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I



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

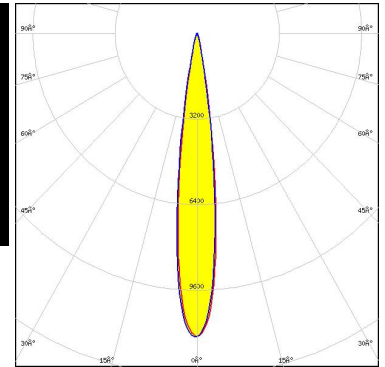


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### TRIDONIC

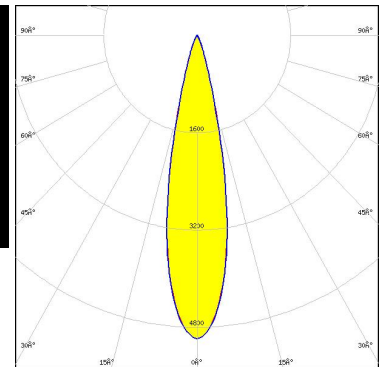
LED SLE G7 LES09  
Ordering code CP18775\_YASMEEN-70-S-C2-WHT  
FWHM / FWTM 15.0° / 25.0°  
Efficiency 93 %  
Peak intensity 11.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



Light distribution files

#### TRIDONIC

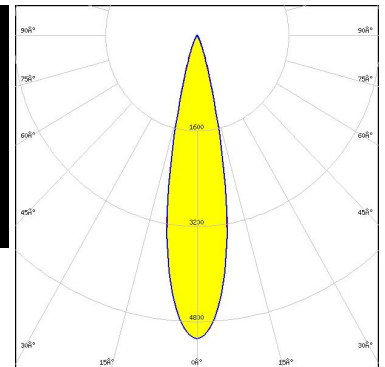
LED SLE G7 LES15  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 22.0° / 38.0°  
Efficiency 85 %  
Peak intensity 5.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



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



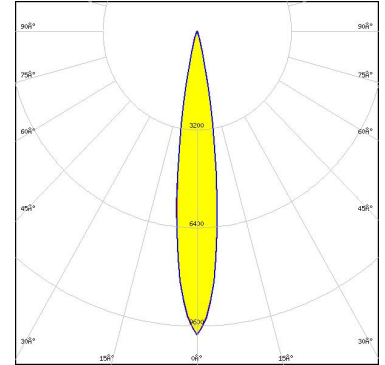
Light distribution files

### 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:

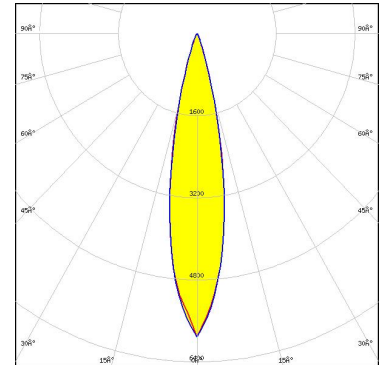
BJB: 47.360.1020



Light distribution files



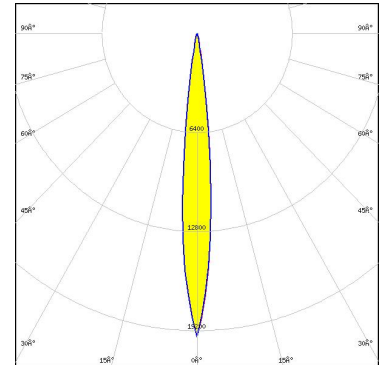
LED V13 Gen7  
Ordering code C17238\_YASMEEN-70-S  
FWHM / FWTM 22.0° / 36.0°  
Efficiency 90 %  
Peak intensity 5.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



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

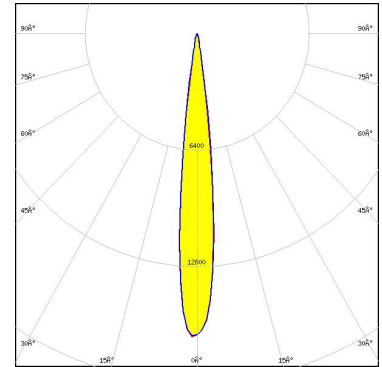


Light distribution files

### OPTICAL RESULTS (SIMULATED):



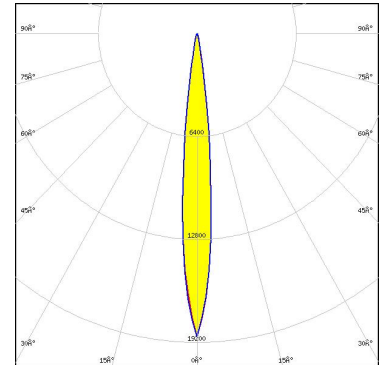
**LED** V3 HD Gen 8 FC  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 12.0° / 20.0°  
**Efficiency** 90 %  
**Peak intensity** 16.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15255\_HEKLA-SOCKET-C



Light distribution files



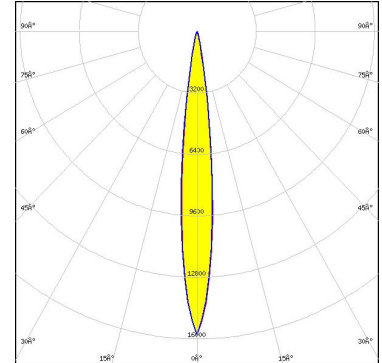
**LED** V4 HD Gen 8  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 12.0° / 20.0°  
**Efficiency** 91 %  
**Peak intensity** 18.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15253\_HEKLA-SOCKET-A



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

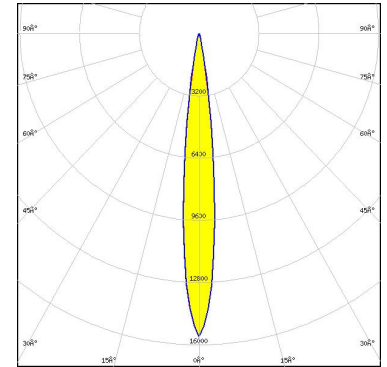


Light distribution files

### OPTICAL RESULTS (SIMULATED):



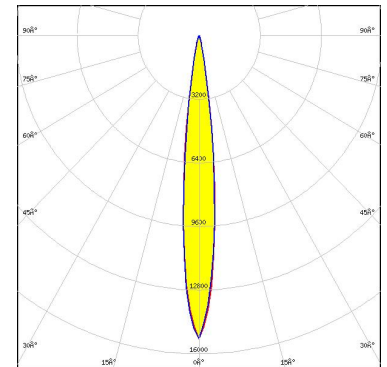
LED V6 HD Gen 7  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 12.0° / 22.0°  
Efficiency 89 %  
Peak intensity 15.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



Light distribution files



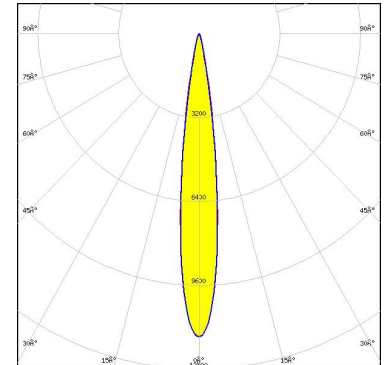
LED V6 HD Gen 8  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 12.0° / 22.0°  
Efficiency 90 %  
Peak intensity 15.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



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

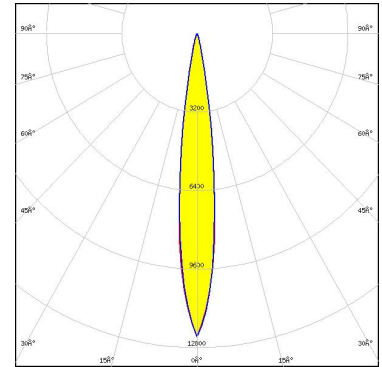


Light distribution files

### OPTICAL RESULTS (SIMULATED):



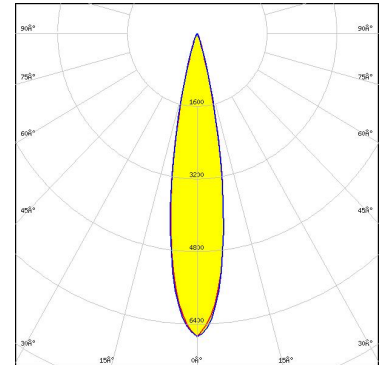
**LED** V9 HD Gen 8  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 14.0° / 26.0°  
**Efficiency** 88 %  
**Peak intensity** 12.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15859\_HEKLA-SOCKET-I



Light distribution files



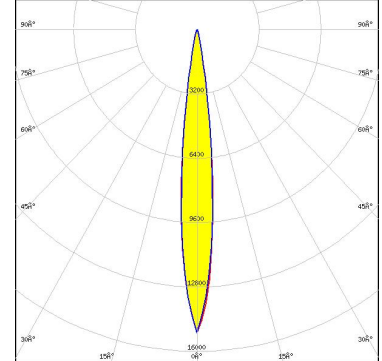
**LED** VERO13  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 20.0° / 34.0°  
**Efficiency** 89 %  
**Peak intensity** 6.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K



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:**



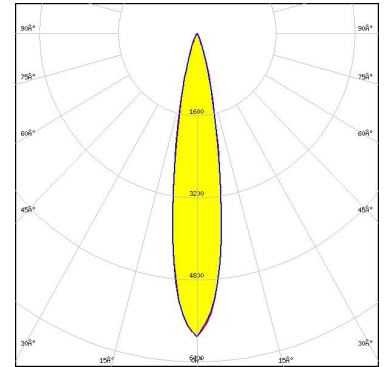
Light distribution files

Bender Wirth: 652b Hekla

### OPTICAL RESULTS (SIMULATED):



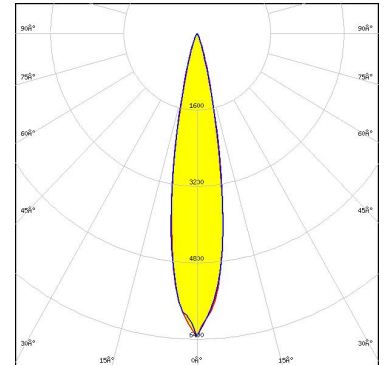
LED Vesta SE 13mm TW  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 18.0° / 37.0°  
Efficiency 82 %  
Peak intensity 5.9 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:  
C16142\_HEKLA-SOCKET-K



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

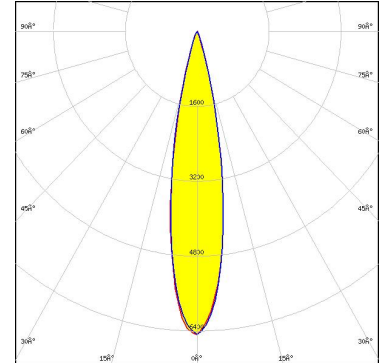


Light distribution files

Bender Wirth: 492 Typ L8

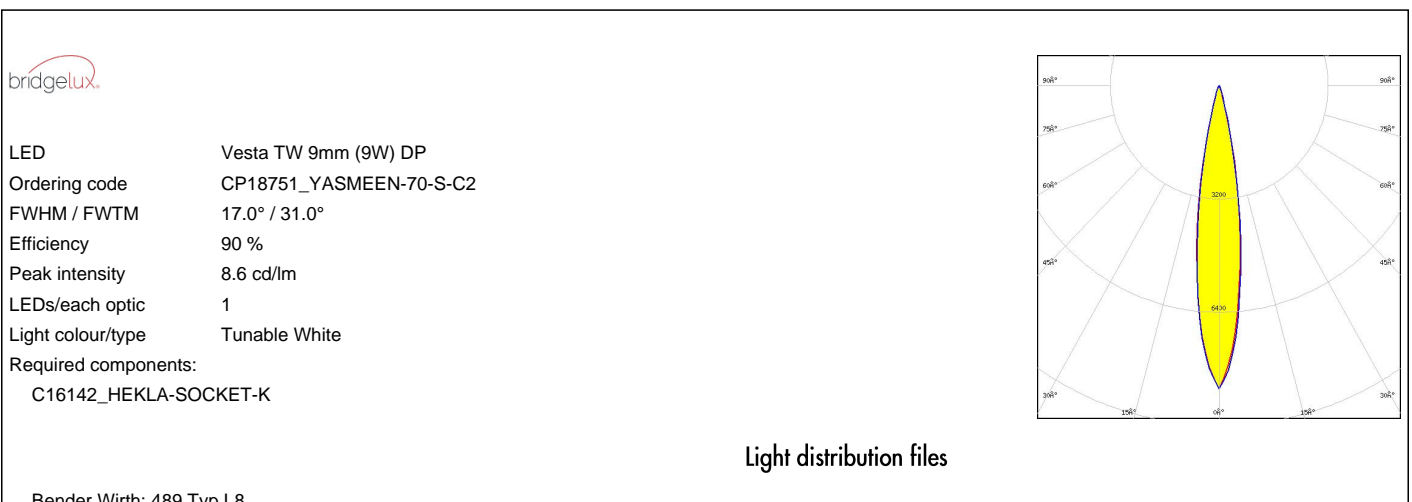
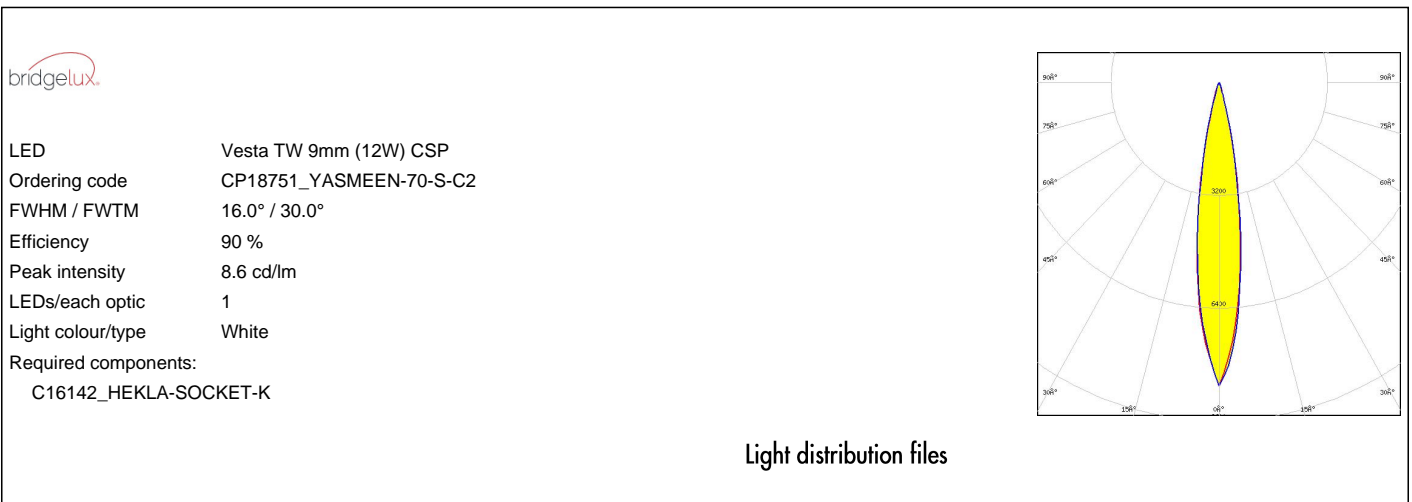
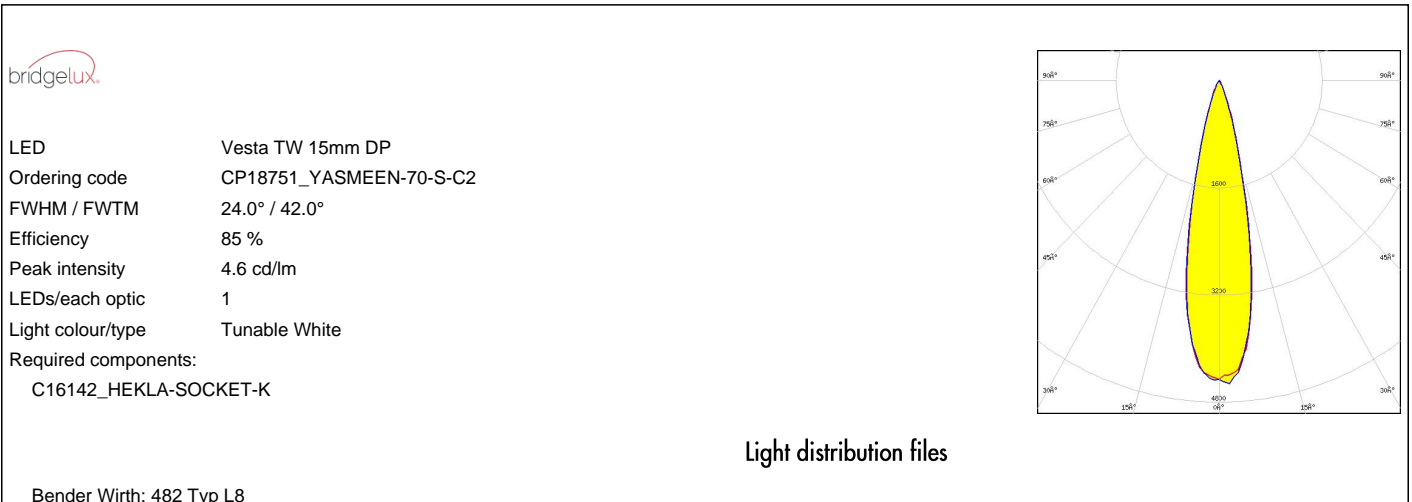


LED Vesta TW 13mm (25W) CSP  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 20.0° / 34.0°  
Efficiency 90 %  
Peak intensity 6.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16142\_HEKLA-SOCKET-K



Light distribution files

### OPTICAL RESULTS (SIMULATED):

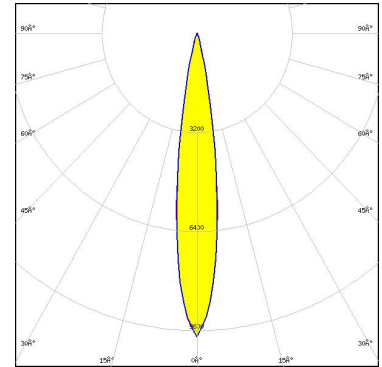




### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

LED	CLL02x/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:	

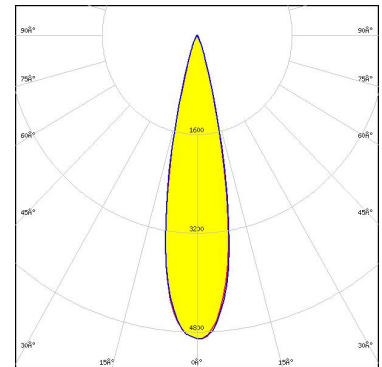


BJB: 47.360.1020

Light distribution files

#### CITIZEN

LED	CLL03x/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:	

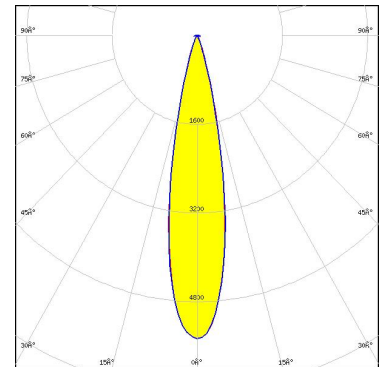


BJB: 47.360.1010

Light distribution files

#### CITIZEN

LED	CLL03x/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:	

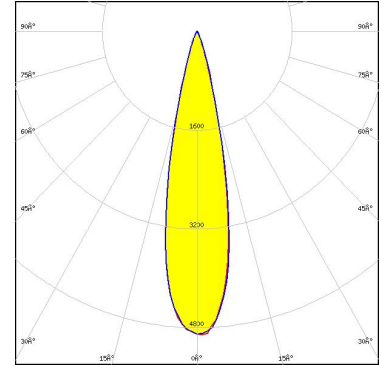


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

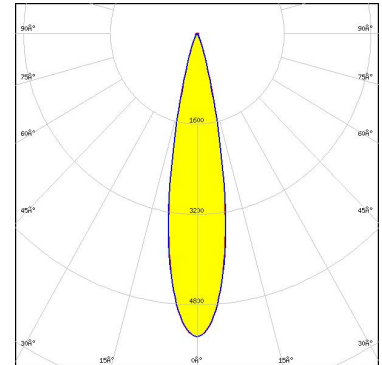
LED CLL03x/CLU03x  
Ordering code CP18775\_YASMEEN-70-S-C2-WHT  
FWHM / FWTM 23.0° / 38.0°  
Efficiency 86 %  
Peak intensity 4.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

#### CITIZEN

LED CLL03x/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:

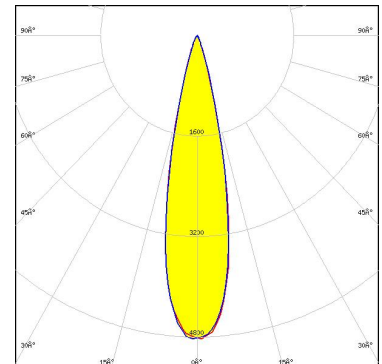


BJB: 47.360.1010

Light distribution files

#### CITIZEN

LED CLL03x/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

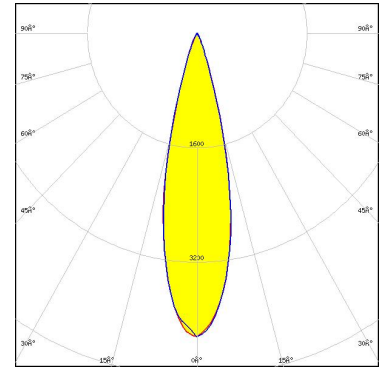


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

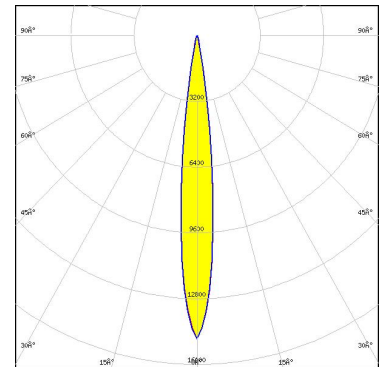
LED CLU03Q Type-F  
 Ordering code CP18751\_YASMEEN-70-S-C2  
 FWHM / FWTM 26.0° / 42.0°  
 Efficiency 86 %  
 Peak intensity 4.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I



Light distribution files

#### CITIZEN

LED 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:

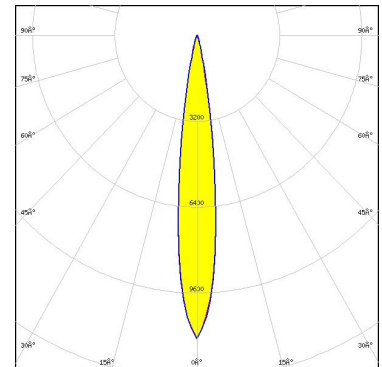


Light distribution files

BJB: 47.360.1020

#### CITIZEN

LED CLU712/713  
 Ordering code 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

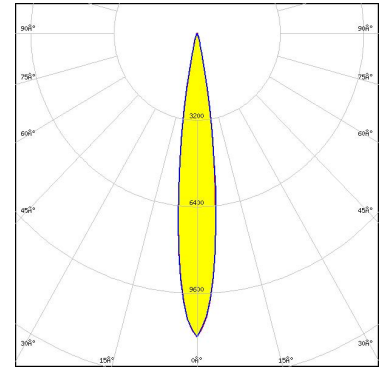


Light distribution files

### 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:

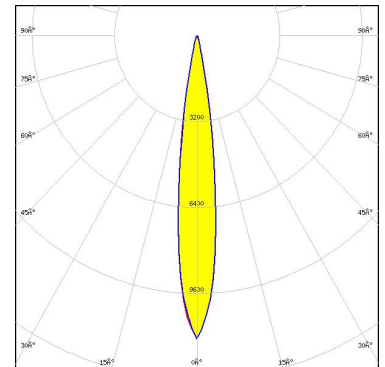


BJB: 47.360.1010

Light distribution files

#### CITIZEN

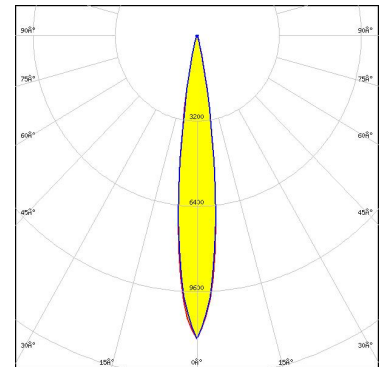
LED CLU712/713  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 14.0° / 26.0°  
Efficiency 87 %  
Peak intensity 11.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

#### 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:

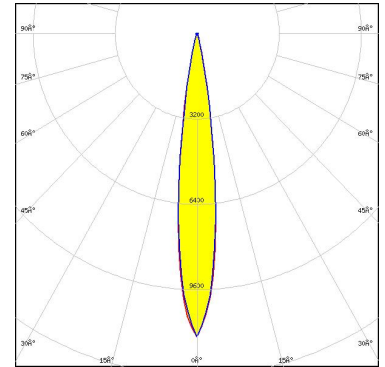


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

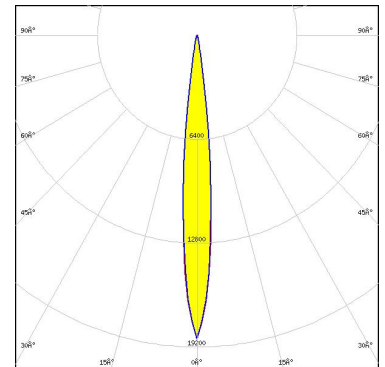
LED CLU712/713  
 Ordering code C17238\_YASMEEN-70-S  
 FWHM / FWTM 14.0° / 26.0°  
 Efficiency 94 %  
 Peak intensity 11.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### CITIZEN

LED 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:

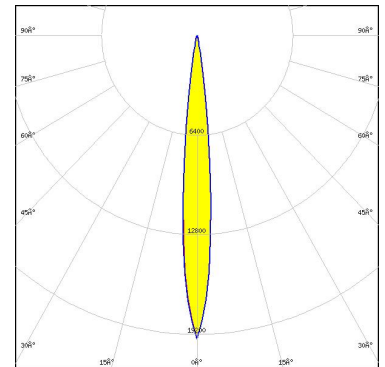


Light distribution files

BJB: 47.360.1020



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

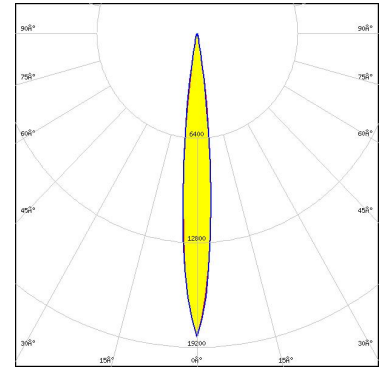


Light distribution files

### OPTICAL RESULTS (SIMULATED):



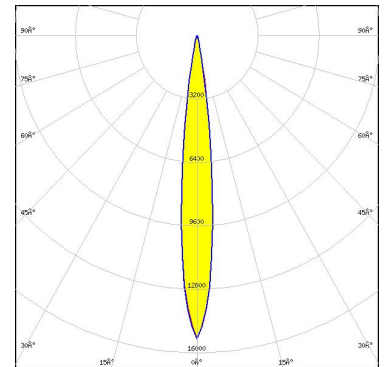
**LED** CHA0410  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 10.0° / 20.0°  
**Efficiency** 88 %  
**Peak intensity** 18.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17435\_HEKLA-G2-C



Light distribution files



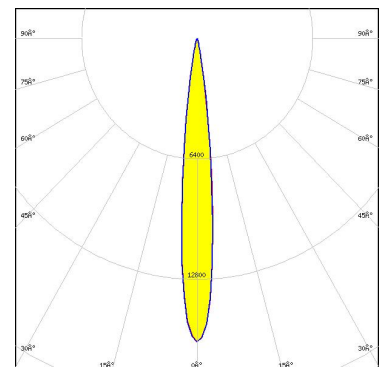
**LED** CHA0612  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 12.0° / 22.0°  
**Efficiency** 88 %  
**Peak intensity** 15.3 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17435\_HEKLA-G2-C



Light distribution files



**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

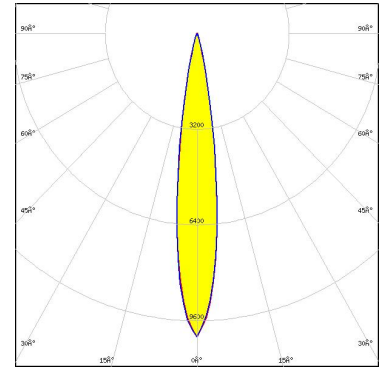


Light distribution files

### OPTICAL RESULTS (SIMULATED):



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:

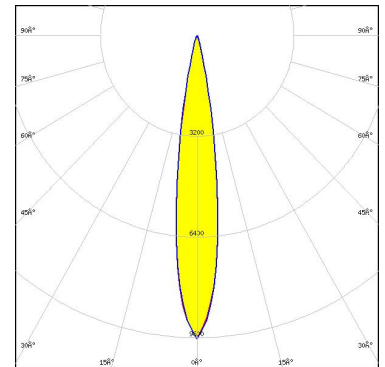


BJB: 47.360.1020

Light distribution files



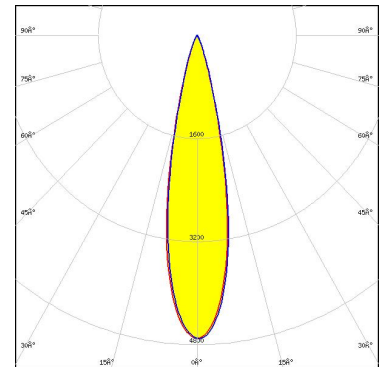
LED CMU10xx  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 16.0° / 28.0°  
Efficiency 87 %  
Peak intensity 9.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



Light distribution files



LED 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

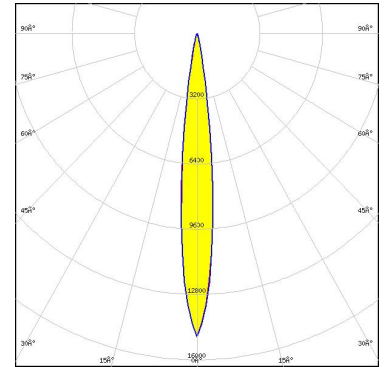


Light distribution files

### OPTICAL RESULTS (SIMULATED):



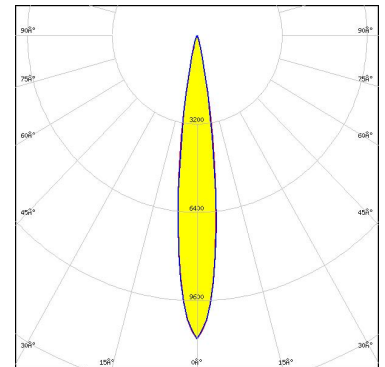
LED CXA/B 13xx  
 Ordering code CP18751\_YASMEEN-70-S-C2  
 FWHM / FWTM 12.0° / 22.0°  
 Efficiency 88 %  
 Peak intensity 14.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17439\_HEKLA-G2-J



Light distribution files



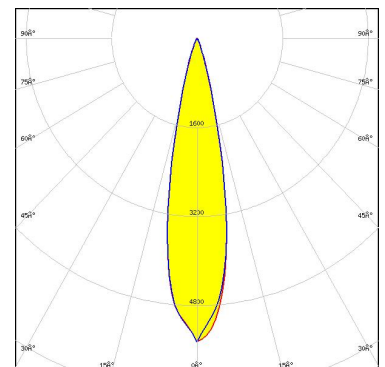
LED CXA/B 15xx  
 Ordering code CP18751\_YASMEEN-70-S-C2  
 FWHM / FWTM 14.0° / 26.0°  
 Efficiency 87 %  
 Peak intensity 11 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17436\_HEKLA-G2-D



Light distribution files



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:



Light distribution files

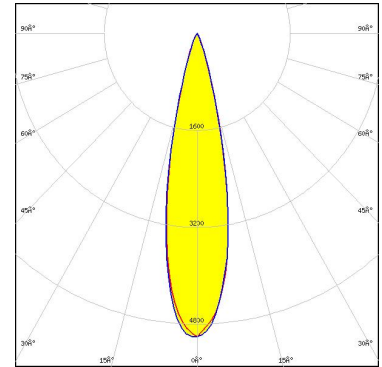
Bender Wirth: 637b Hekla



### OPTICAL RESULTS (SIMULATED):



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:

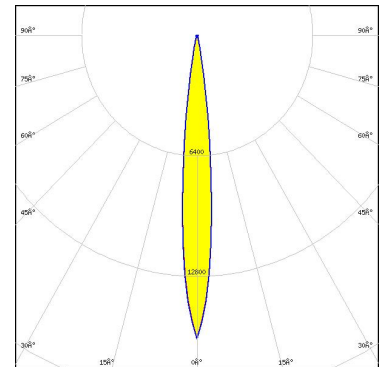


Bender Wirth: 637a Hekla

Light distribution files



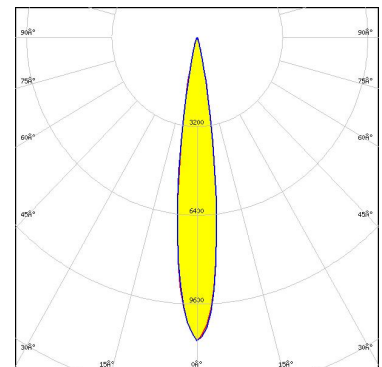
LED LUXEON 7070  
FWHM / FWTM 12.0° / 22.0°  
Efficiency 94 %  
Peak intensity 16.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



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

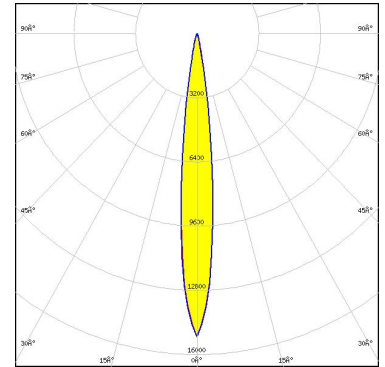


Light distribution files

### OPTICAL RESULTS (SIMULATED):



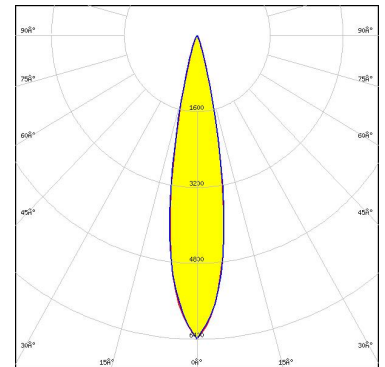
LED LUXEON CoB 1202HD  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 12.0° / 24.0°  
Efficiency 91 %  
Peak intensity 15.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15848\_HEKLA-SOCKET-G



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:

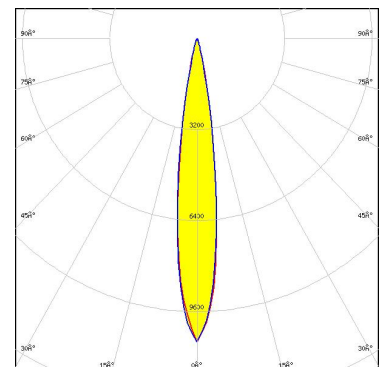


Bender Wirth: 632a Hekla XL

Light distribution files



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

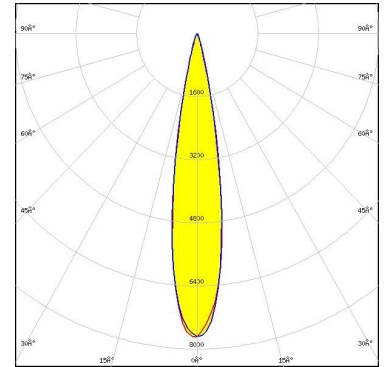


Light distribution files

### OPTICAL RESULTS (SIMULATED):



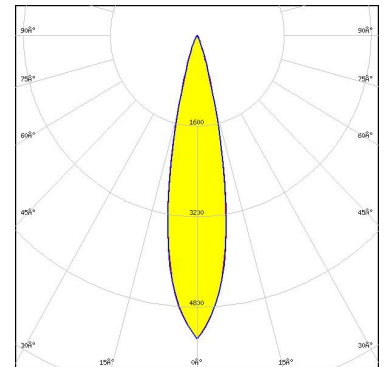
**LED** LUXEON CoB 1205HD  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 18.0° / 33.0°  
**Efficiency** 88 %  
**Peak intensity** 7.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15858\_HEKLA-SOCKET-H



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:**

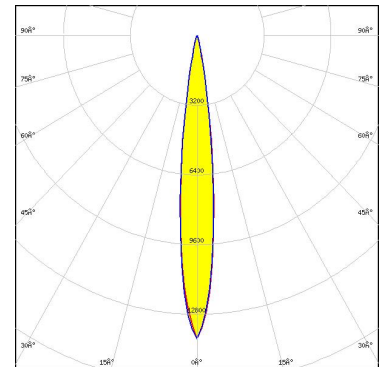


Bender Wirth: 632a Hekla XL

Light distribution files



**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:**



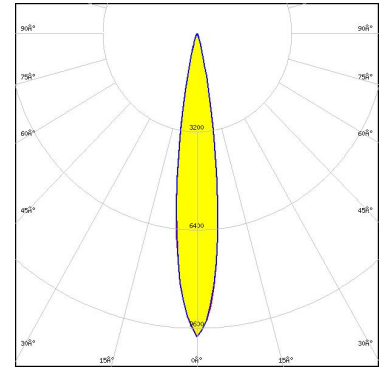
Bender Wirth: 634c Bayonet35L

Light distribution files

### OPTICAL RESULTS (SIMULATED):



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:

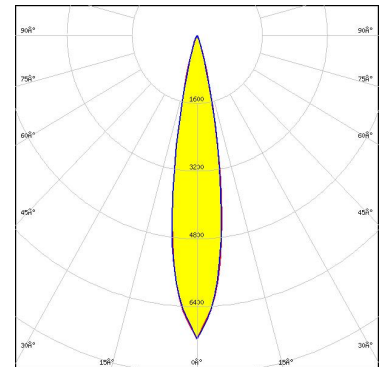


Bender Wirth: 634a Bayonet35L

Light distribution files



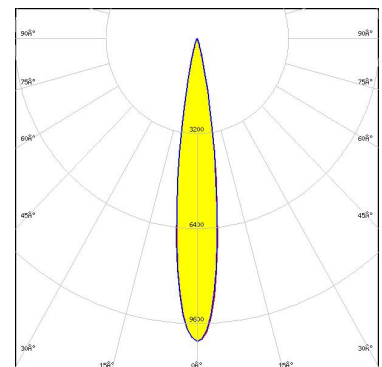
LED LUXEON CX Plus CoB L04 / L05 (Gen2)  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 18.0° / 32.0°  
Efficiency 87 %  
Peak intensity 7.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15254\_HEKLA-SOCKET-B



Light distribution files



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

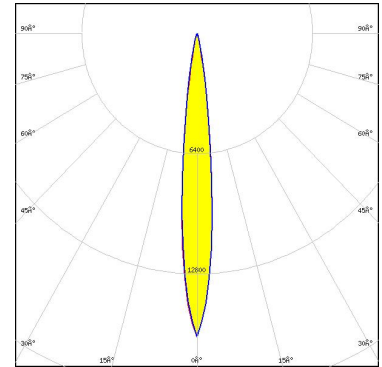


Light distribution files

### OPTICAL RESULTS (SIMULATED):



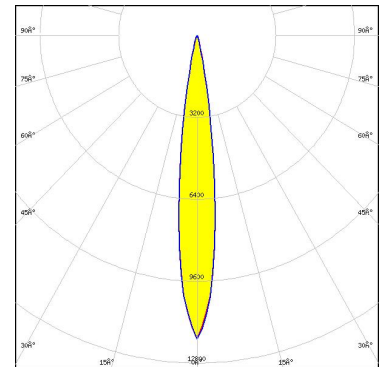
**LED** LUXEON CX Plus CoB S01 (Gen2)  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 12.0° / 22.0°  
**Efficiency** 91 %  
**Peak intensity** 16.2 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15956\_HEKLA-SOCKET-J



Light distribution files



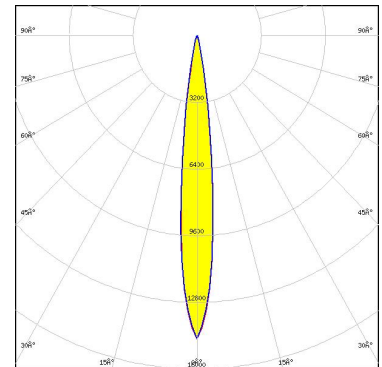
**LED** CHM-9 XH (19x19)  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 14.0° / 26.0°  
**Efficiency** 88 %  
**Peak intensity** 11.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15859\_HEKLA-SOCKET-I



Light distribution files



**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



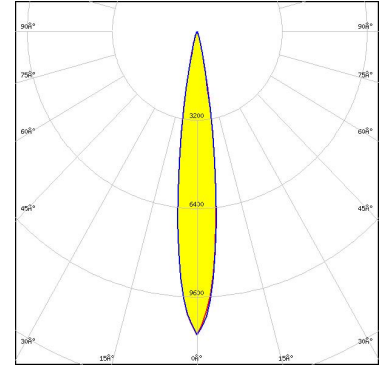
Light distribution files

Bender Wirth: 495 Typ L8

### OPTICAL RESULTS (SIMULATED):



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

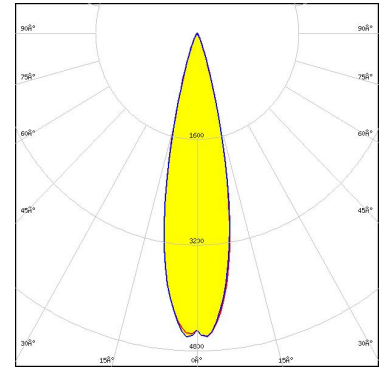


Light distribution files

Bender Wirth: 495 Typ L8



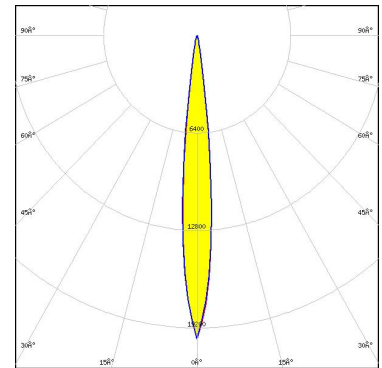
LED CxM-14 (18.5x18.5)  
 FWHM / FWTM 24.0° / 40.0°  
 Efficiency 86 %  
 Peak intensity 4.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17438\_HEKLA-G2-I



Light distribution files



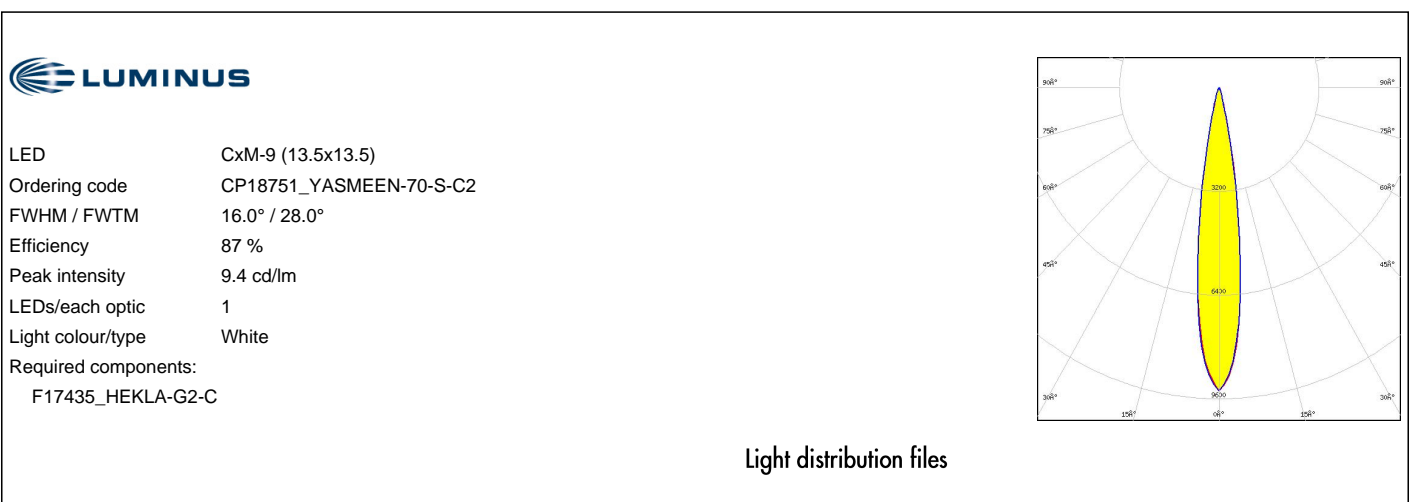
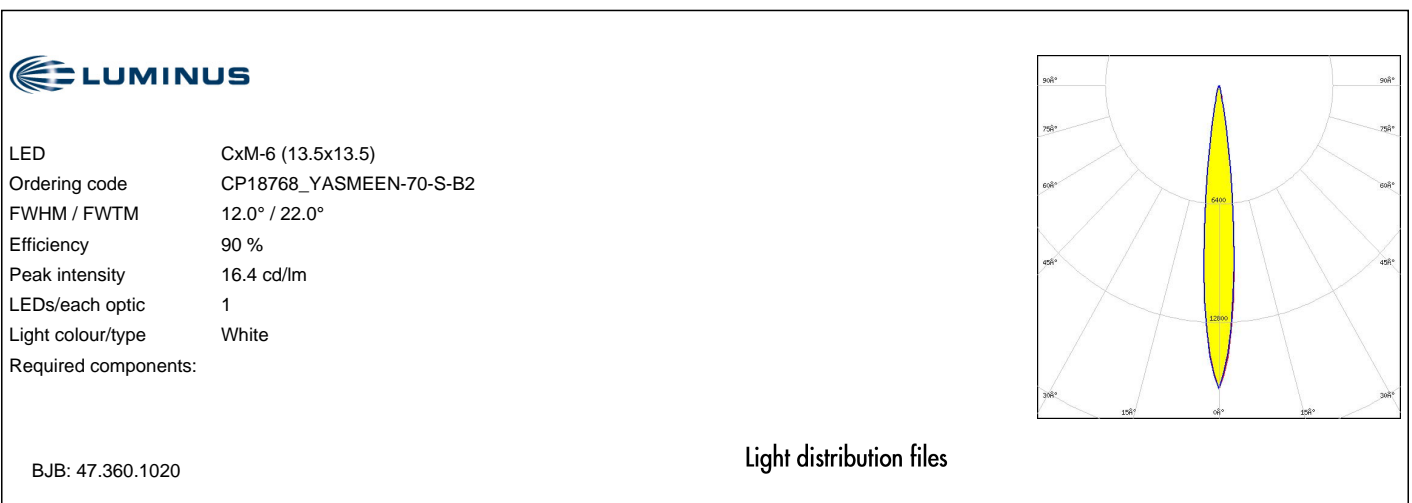
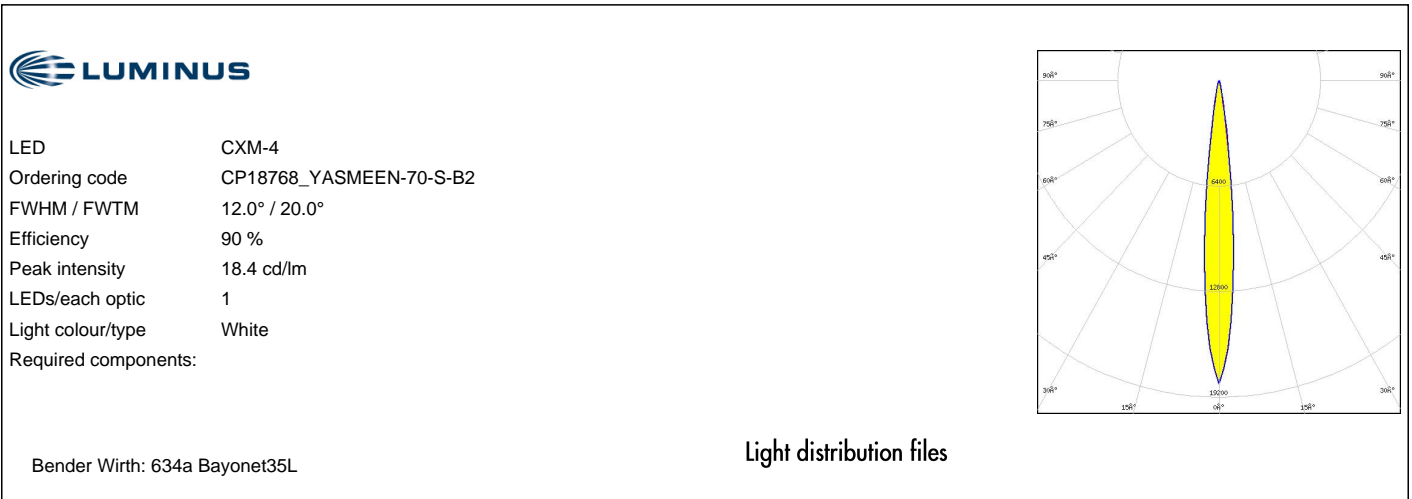
LED CXM-3  
 Ordering code CP18768\_YASMEEN-70-S-B2  
 FWHM / FWTM 12.0° / 20.0°  
 Efficiency 91 %  
 Peak intensity 19.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



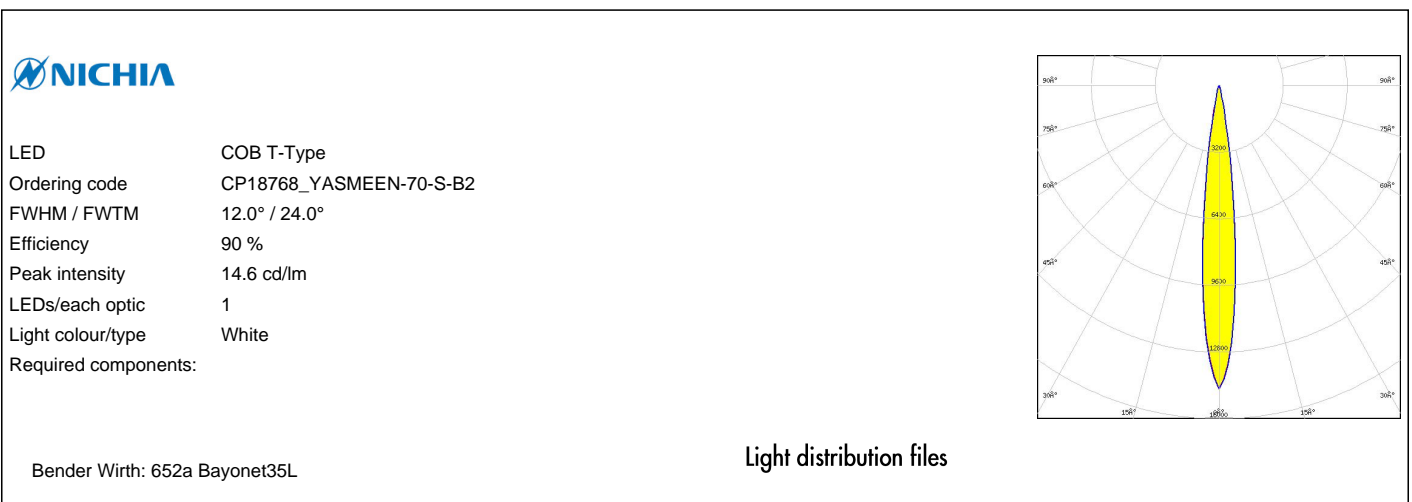
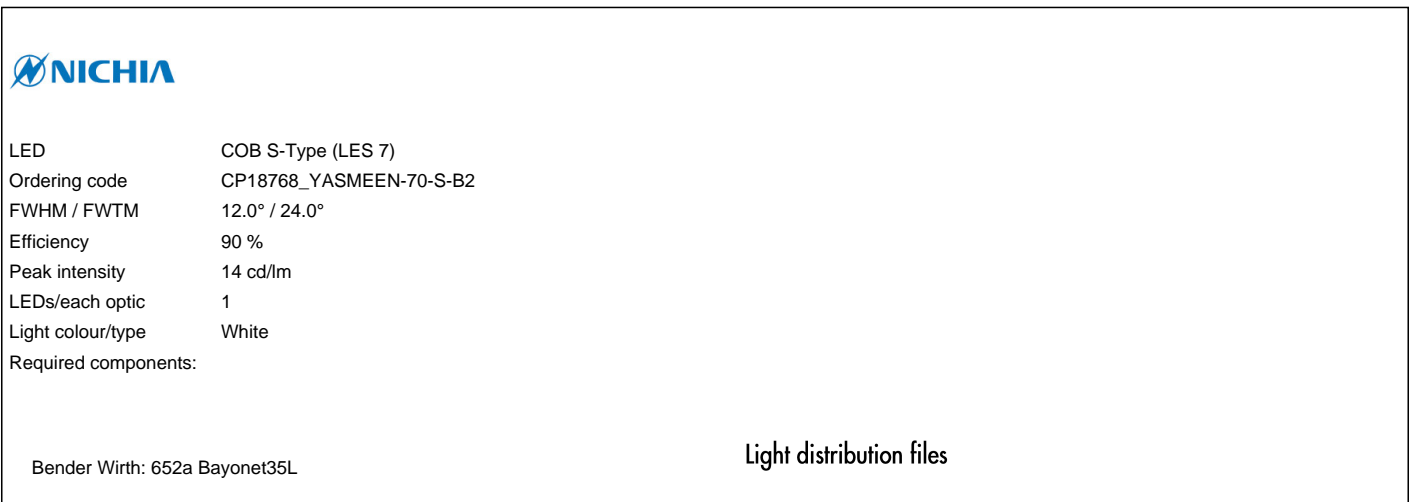
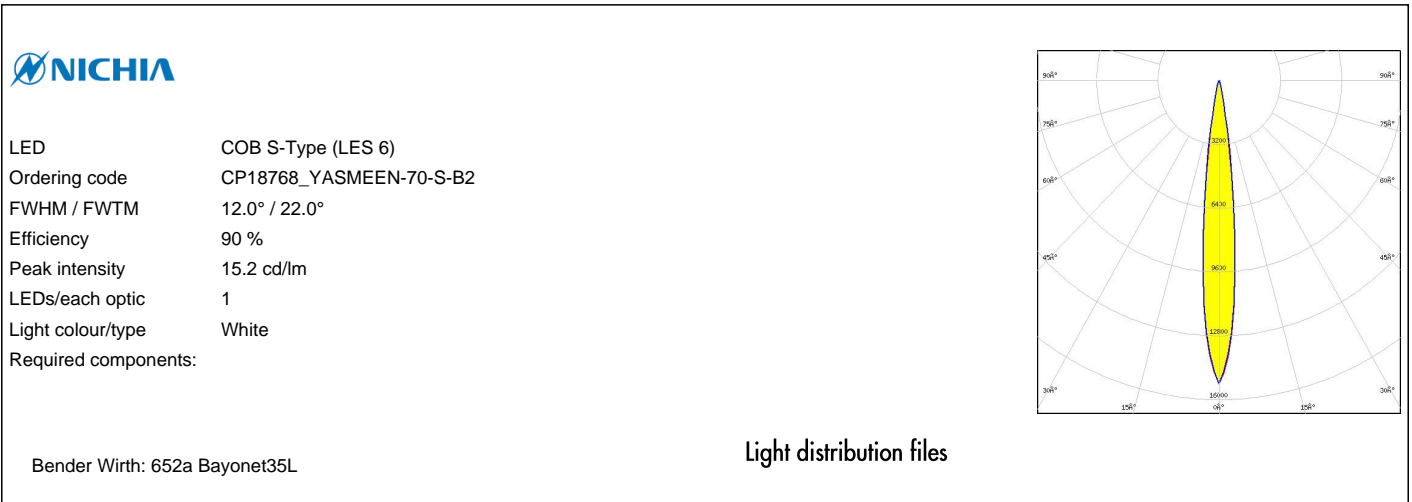
Light distribution files

Bender Wirth: 634a Bayonet35L

### OPTICAL RESULTS (SIMULATED):



### OPTICAL RESULTS (SIMULATED):



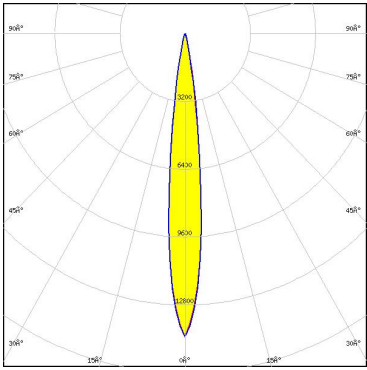


### OPTICAL RESULTS (SIMULATED):

**NICHIA**

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

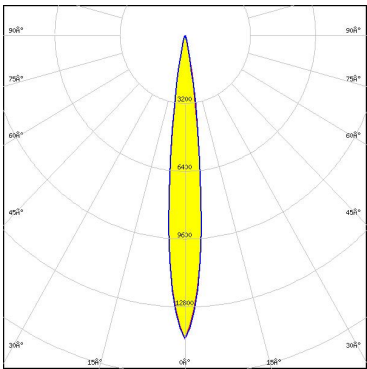


Light distribution files

**NICHIA**

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

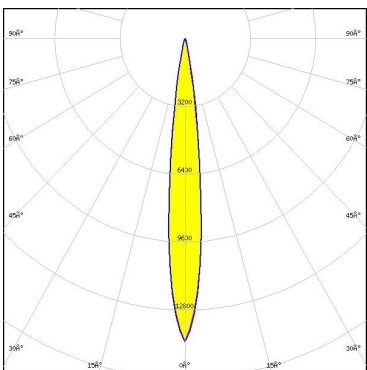


Light distribution files

**NICHIA**

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



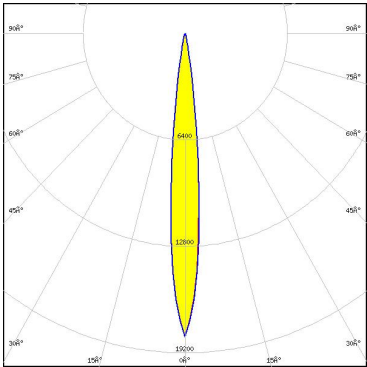
Light distribution files

### OPTICAL RESULTS (SIMULATED):

**NICHIA**

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



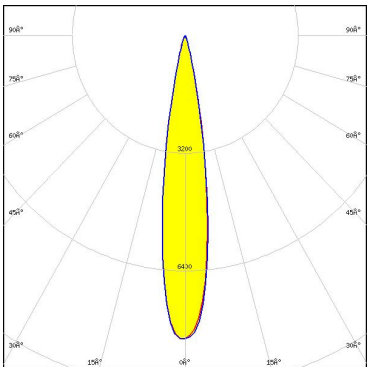
Light distribution files

Bender Wirth: 495 Typ L8 HV

**NICHIA**

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



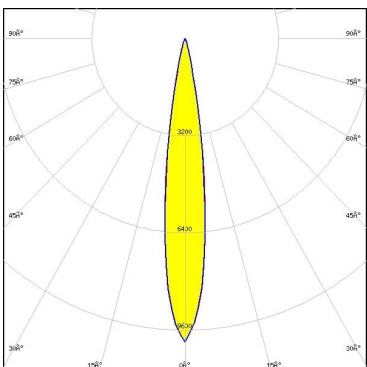
Light distribution files

Bender Wirth: 498 Typ L8 HV

**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

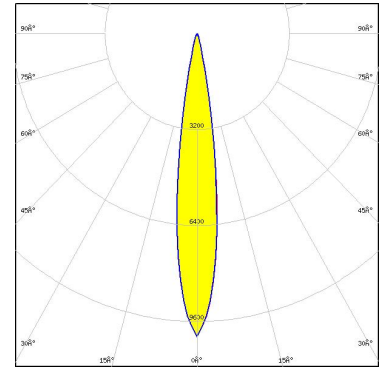


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### 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:

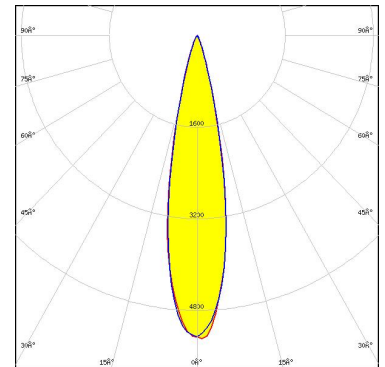


Bender Wirth: 632a Hekla XL

Light distribution files

#### PHILIPS

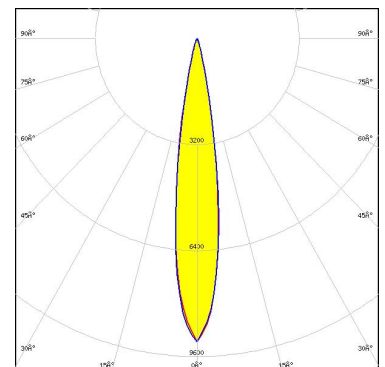
LED Fortimo SLM L15 1919 CoB  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 22.0° / 38.0°  
Efficiency 85 %  
Peak intensity 5.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

#### 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

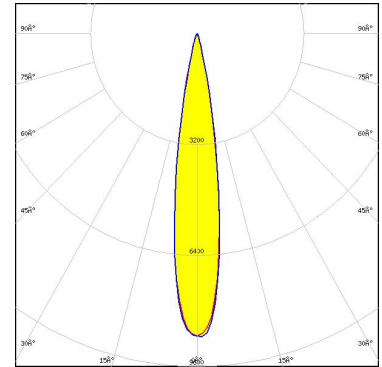


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

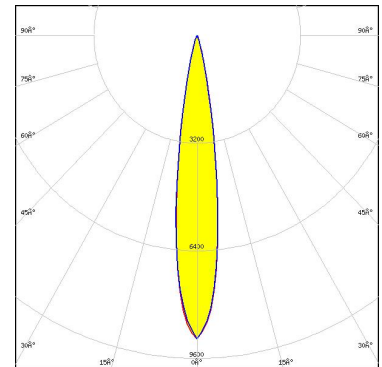
**LED** LC003D / LC006D / LC009D / LC013D  
**Ordering code** CP18751\_YASMEEN-70-S-C2  
**FWHM / FWTM** 16.0° / 28.0°  
**Efficiency** 87 %  
**Peak intensity** 8.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17435\_HEKLA-G2-C



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:**

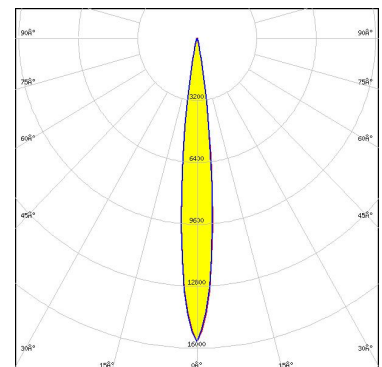


Light distribution files

BJB: 47.360.1020

#### SAMSUNG

**LED** 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:**



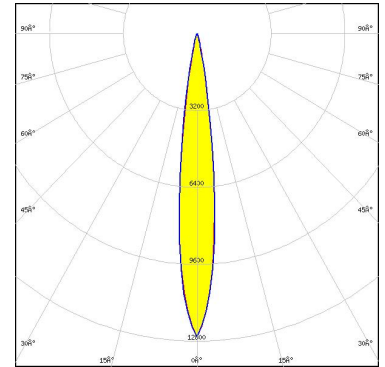
Light distribution files

BJB: 47.360.1020

### OPTICAL RESULTS (SIMULATED):

#### 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

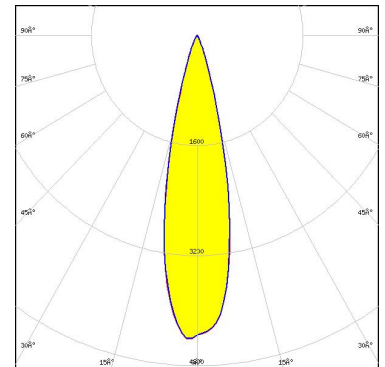


Light distribution files

Bender Wirth: 501 Typ L8

#### SAMSUNG

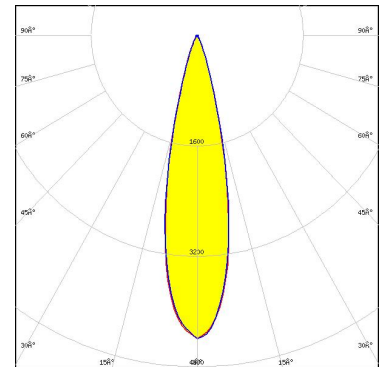
LED LC016D / LC019D / LC026D / LC033D  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 24.0° / 40.0°  
Efficiency 85 %  
Peak intensity 4.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

#### SAMSUNG

LED 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:



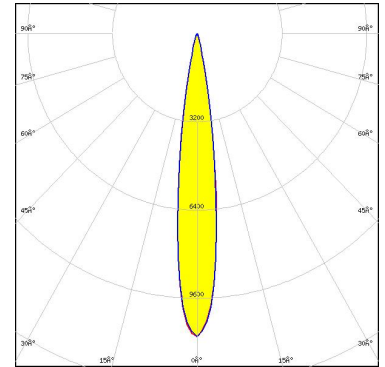
Light distribution files

BJB: 47.360.1010

### OPTICAL RESULTS (SIMULATED):

#### 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:

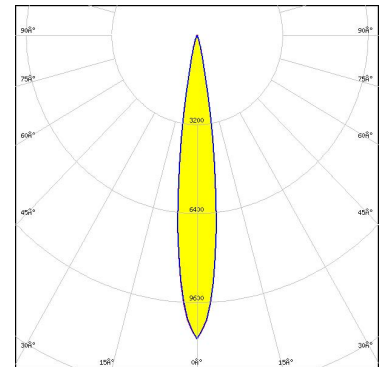


BJB: 47.360.1010

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:

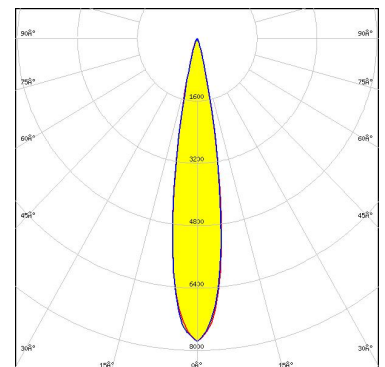


BJB: 47.360.1010

Light distribution files

#### 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



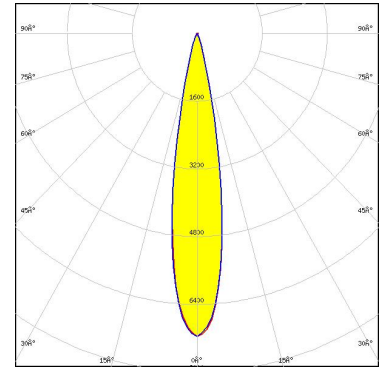
Bender Wirth: 501 Typ L8

Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### 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:

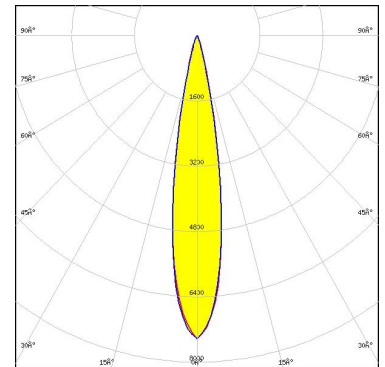


BJB: 47.360.1010

Light distribution files

#### 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:

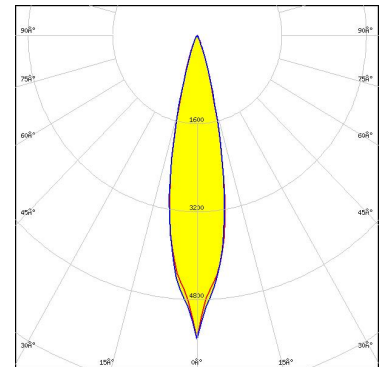


BJB: 47.360.1010

Light distribution files

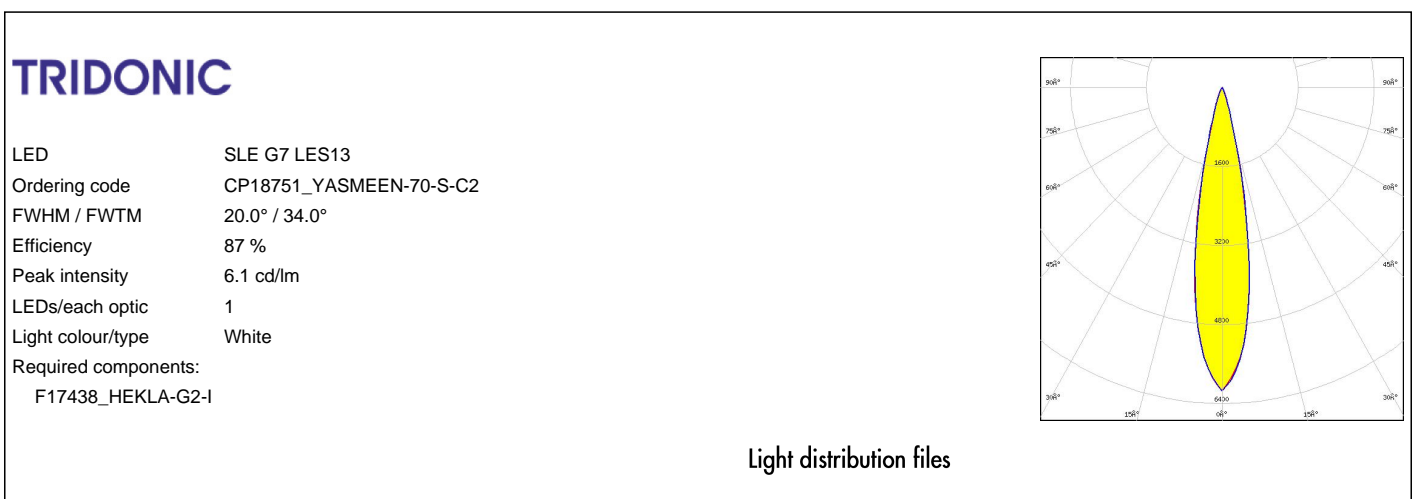
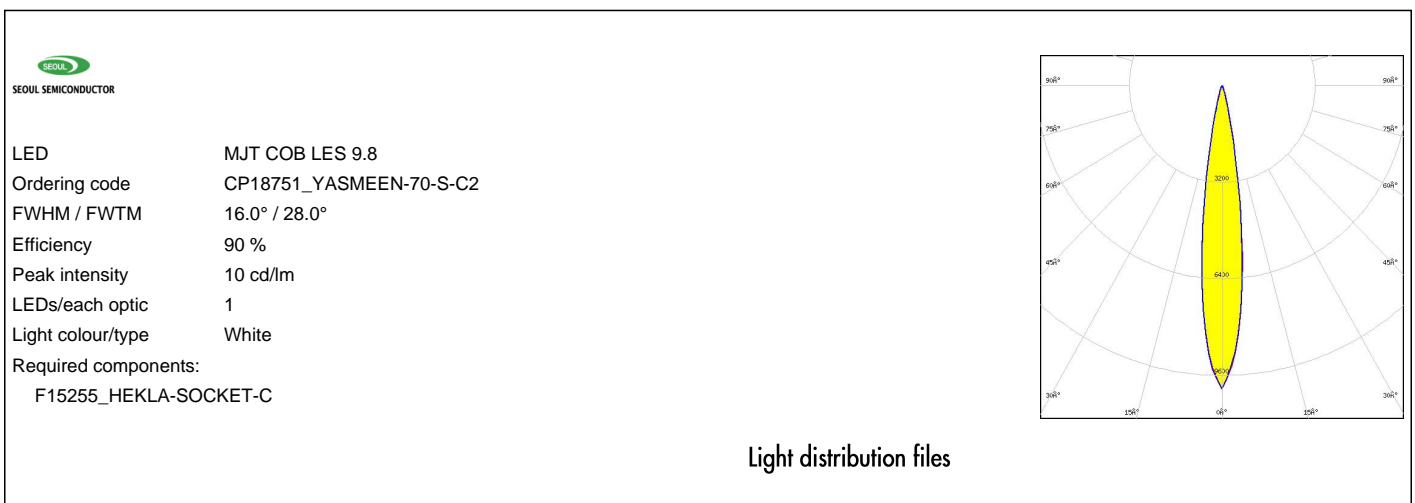
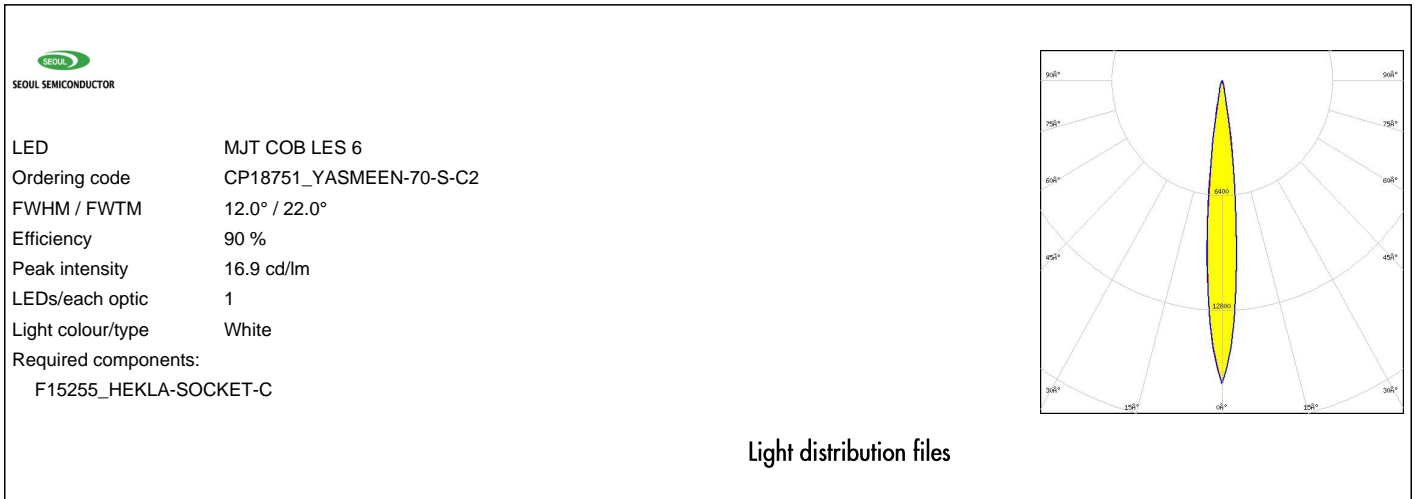


LED MJT COB LES 14.5  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 22.0° / 38.0°  
Efficiency 87 %  
Peak intensity 5.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



Light distribution files

### OPTICAL RESULTS (SIMULATED):

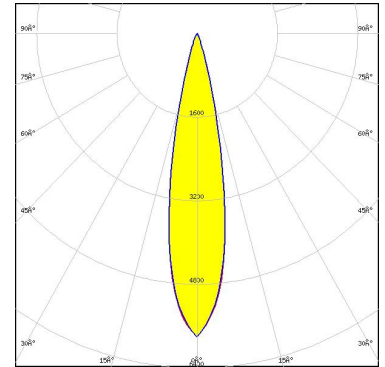




### OPTICAL RESULTS (SIMULATED):

#### XICATO

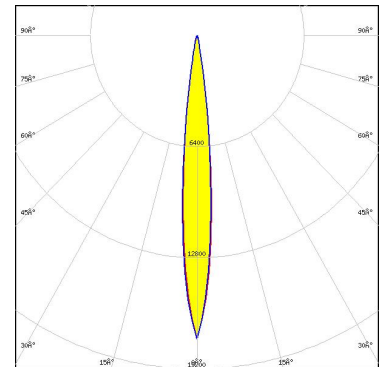
LED XOB 14.5 mm  
Ordering code CP18751\_YASMEEN-70-S-C2  
FWHM / FWTM 22.0° / 36.0°  
Efficiency 86 %  
Peak intensity 5.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



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:

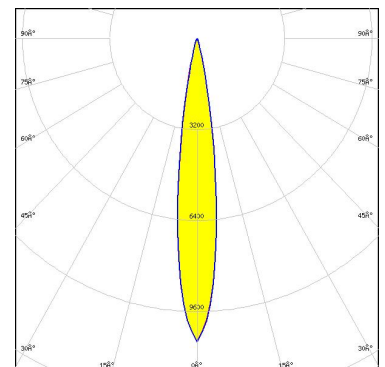


Bender Wirth: 634b Hekla

Light distribution files

#### 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.

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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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