

### YASMEEN-70-RS

~10° spot beam

#### SPECIFICATION:

Dimensions	Ø 70.0
Height	38.4 mm
Fastening	socket
ROHS compliant	yes ⓘ

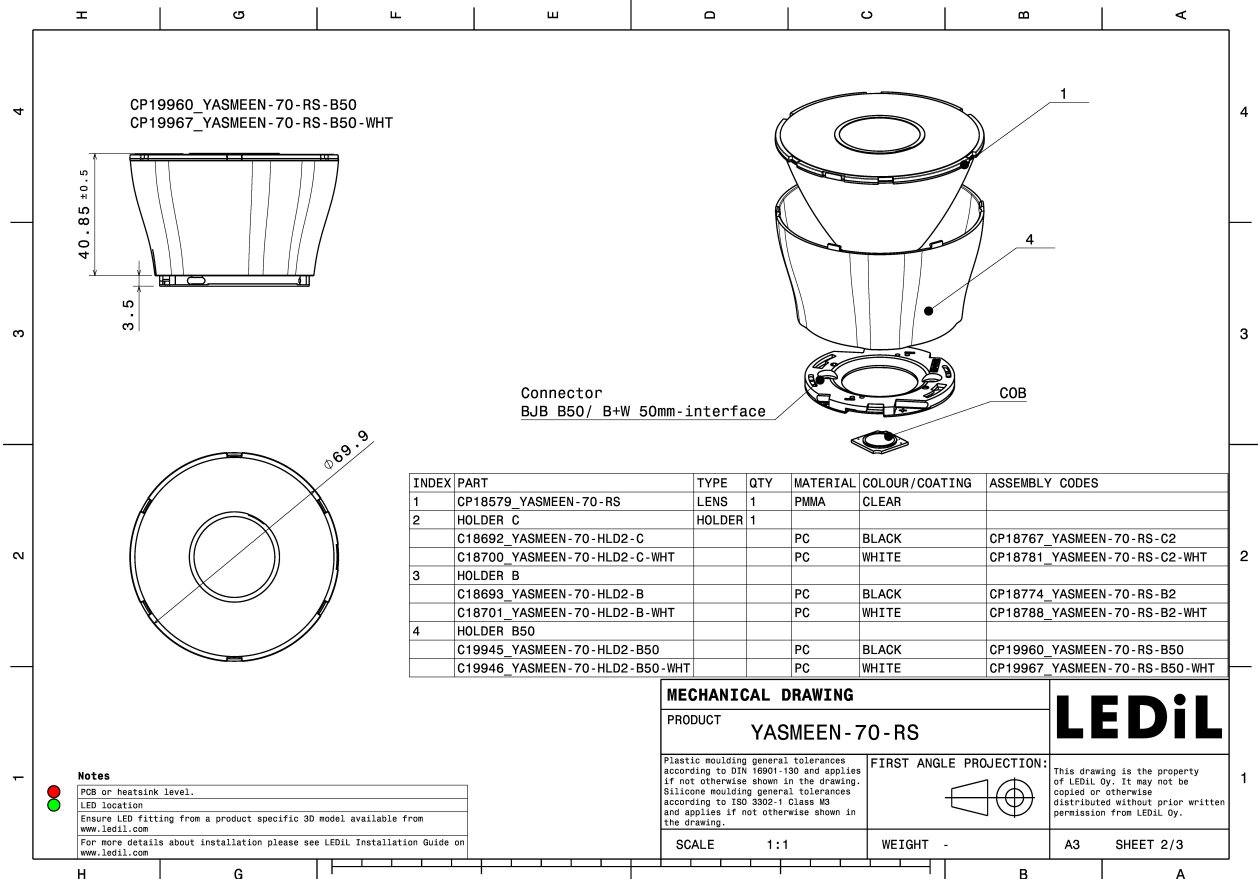
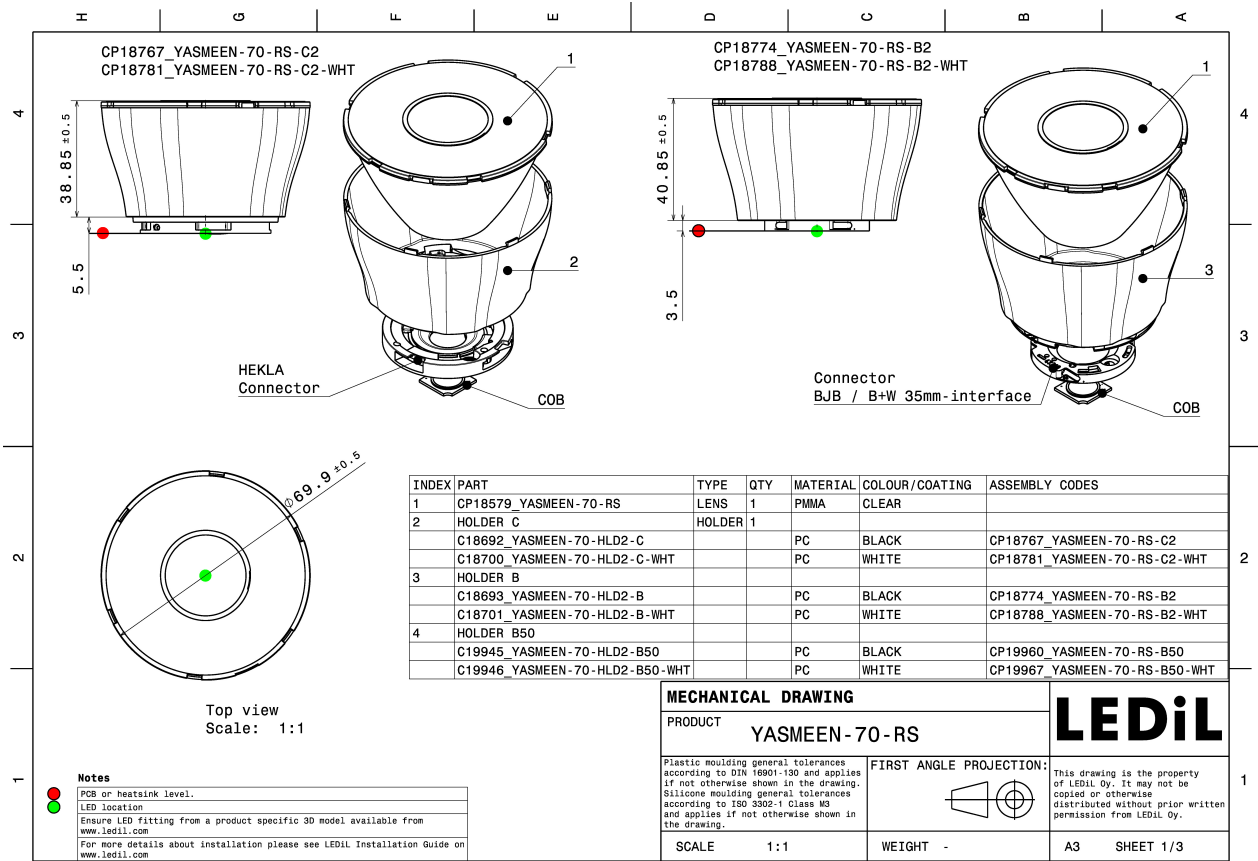
#### MATERIALS:

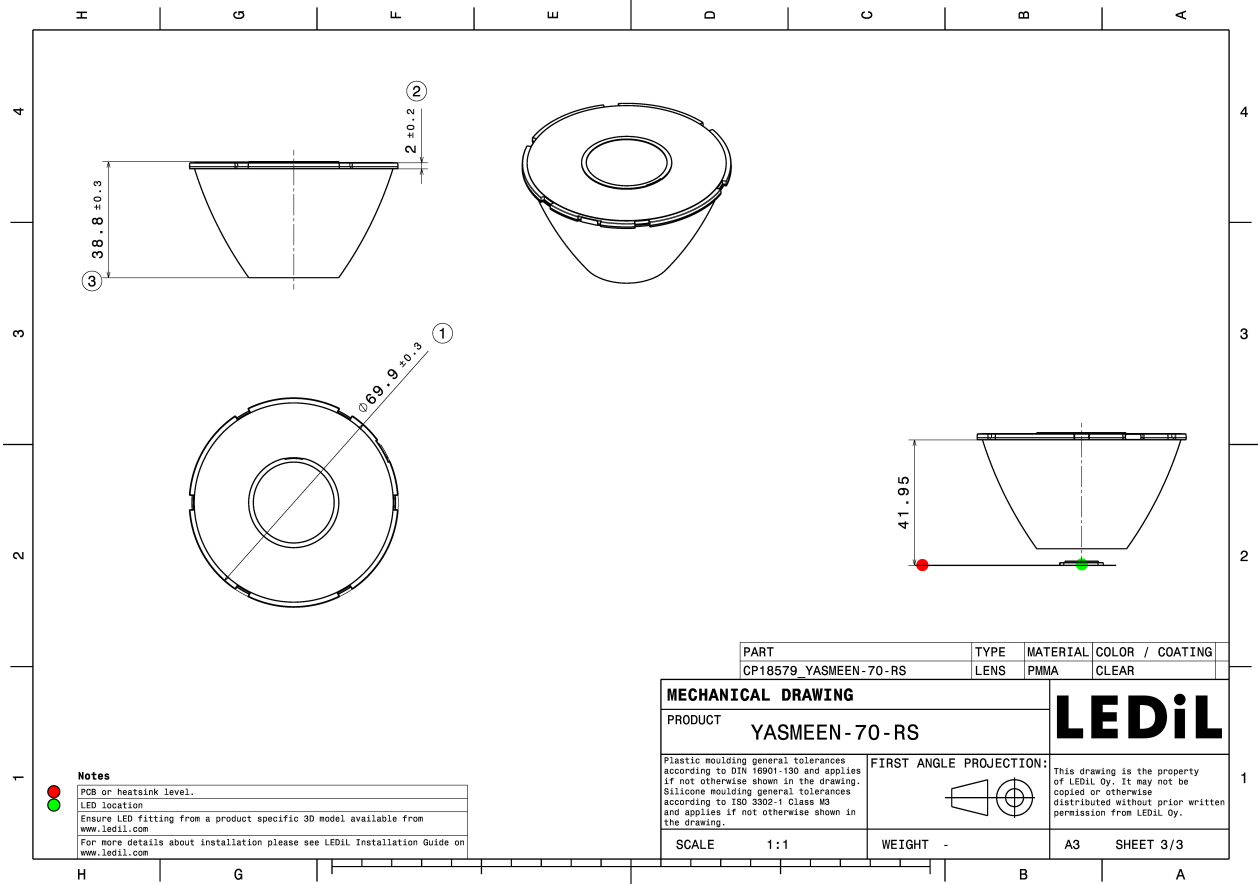
Component	Type	Material	Colour	Finish	Length (mm)
YASMEEN-70-RS	Single lens	PMMA	clear		
YASMEEN-70-HLD2-C	Holder C	PC	black		
YASMEEN-70-HLD2-B	Holder B	PC	black		
YASMEEN-70-HLD2-C-WHT	Holder C	PC	white		
YASMEEN-70-HLD2-B-WHT	Holder B	PC	white		
YASMEEN-70-HLD2-B50	Holder B	PC	black		
YASMEEN-70-HLD2-B50-WHT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



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP18579_YASMEEN-70-RS	105	105	15	9.3
<b>Assembly</b>				
CP19967_YASMEEN-70-RS-B50-WHT	105	105	15	10.9
CP19960_YASMEEN-70-RS-B50	105	105	15	10.9
CP18788_YASMEEN-70-RS-B2-WHT	105	105	15	11.0
CP18781_YASMEEN-70-RS-C2-WHT	105	105	15	10.9
CP18774_YASMEEN-70-RS-B2	105	105	15	11.0
CP18767_YASMEEN-70-RS-C2	105	105	15	10.6



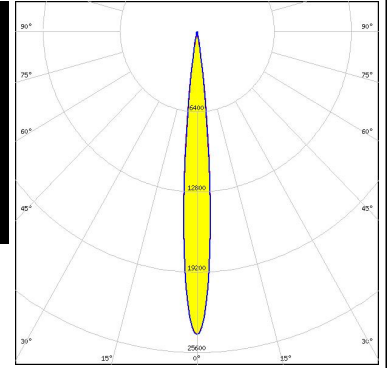
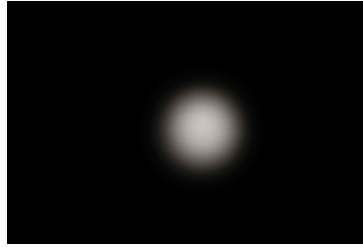


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

LED	LC010C G2
Ordering code	CP18767_YASMEEN-70-RS-C2
FWHM / FWTM	10.0° / 18.0°
Efficiency	88 %
Peak intensity	24.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F17435_HEKLA-G2-C

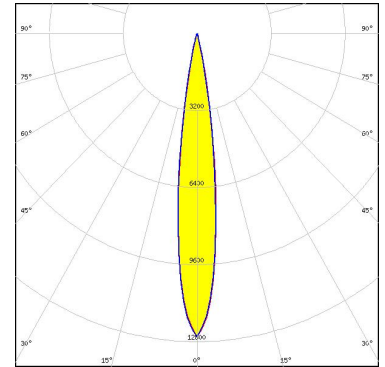


Light distribution files

### OPTICAL RESULTS (SIMULATED):



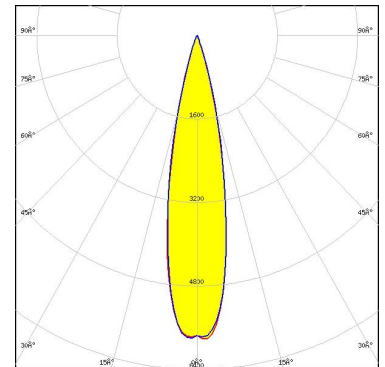
LED V10 Gen 8-9  
Ordering code CP18767\_YASMEEN-70-RS-C2  
FWHM / FWTM 14.0° / 26.0°  
Efficiency 90 %  
Peak intensity 12.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C



Light distribution files



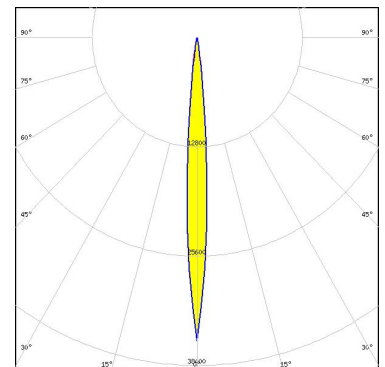
LED V13 Gen 8-9  
FWHM / FWTM 22.0° / 36.0°  
Efficiency 90 %  
Peak intensity 5.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F19859\_HEKLA-G2B-I2



Light distribution files



LED V4 HD Gen 8  
Ordering code CP18767\_YASMEEN-70-RS-C2  
FWHM / FWTM 8.0° / 16.0°  
Efficiency 90 %  
Peak intensity 35.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15253\_HEKLA-SOCKET-A

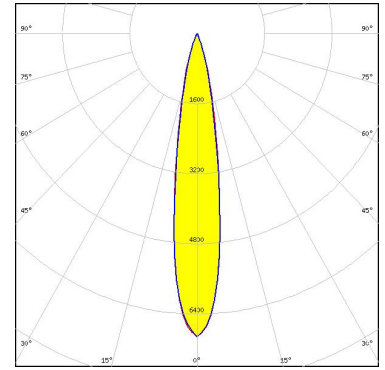


Light distribution files

### OPTICAL RESULTS (SIMULATED):



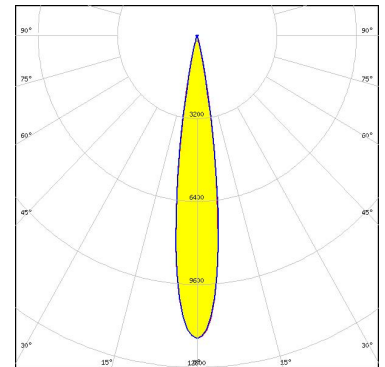
**LED** Vesta SE 13mm TW  
**Ordering code** CP18767\_YASMEEN-70-RS-C2  
**FWHM / FWTM** 18.0° / 36.0°  
**Efficiency** 86 %  
**Peak intensity** 6.9 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K



Light distribution files

### CITIZEN

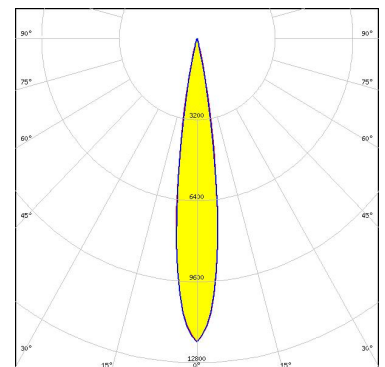
**LED** CLL02x/CLU02x (LES10)  
**Ordering code** CP18579\_YASMEEN-70-RS  
**FWHM / FWTM** 16.0° / 26.0°  
**Efficiency** 95 %  
**Peak intensity** 11.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files

### CITIZEN

**LED** CLL02x/CLU02x (LES10)  
**Ordering code** CP18774\_YASMEEN-70-RS-B2  
**FWHM / FWTM** 16.0° / 26.0°  
**Efficiency** 90 %  
**Peak intensity** 12 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



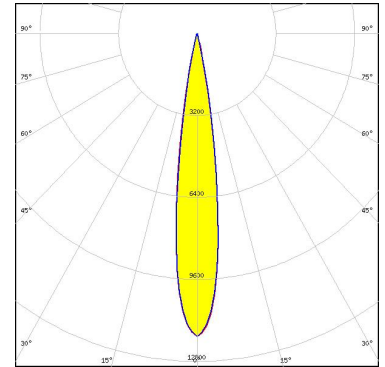
Light distribution files

BJB: 47.360.1020

### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

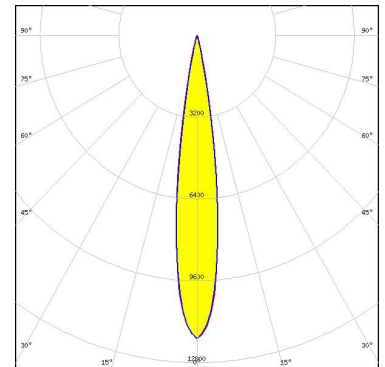
LED CLL02x/CLU02x (LES10)  
Ordering code CP18781\_YASMEEN-70-RS-C2-WHT  
FWHM / FWTM 16.0° / 26.0°  
Efficiency 93 %  
Peak intensity 11.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



Light distribution files

#### CITIZEN

LED CLL02x/CLU02x (LES10)  
Ordering code CP18788\_YASMEEN-70-RS-B2-WHT  
FWHM / FWTM 16.0° / 26.0°  
Efficiency 93 %  
Peak intensity 11.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

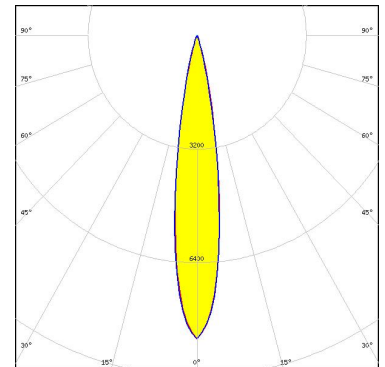


BJB: 47.360.1020

Light distribution files

#### CITIZEN

LED CLL02x/CLU02x (LES10)  
Ordering code CP18767\_YASMEEN-70-RS-C2  
FWHM / FWTM 17.0° / 30.0°  
Efficiency 90 %  
Peak intensity 8.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



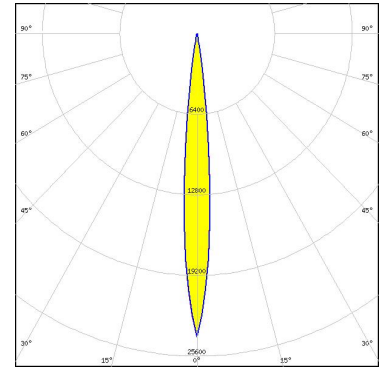
Light distribution files



### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

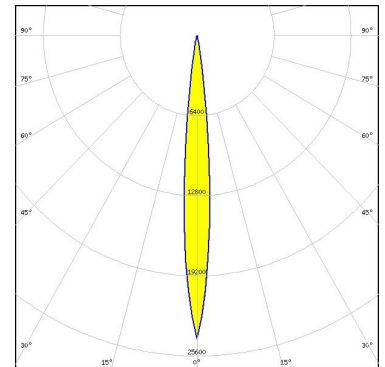
LED CLU700/701/702/703  
Ordering code CP18781\_YASMEEN-70-RS-C2-WHT  
FWHM / FWTM 10.0° / 18.0°  
Efficiency 93 %  
Peak intensity 24.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



Light distribution files

#### CITIZEN

LED CLU700/701/702/703  
Ordering code CP18788\_YASMEEN-70-RS-B2-WHT  
FWHM / FWTM 10.0° / 18.0°  
Efficiency 93 %  
Peak intensity 24.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

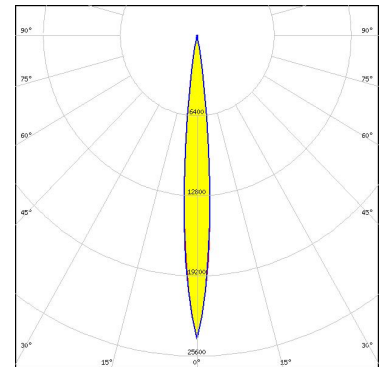


Light distribution files

BJB: 47.360.1020

#### CITIZEN

LED CLU700/701/702/703  
Ordering code CP18579\_YASMEEN-70-RS  
FWHM / FWTM 10.0° / 18.0°  
Efficiency 95 %  
Peak intensity 24.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

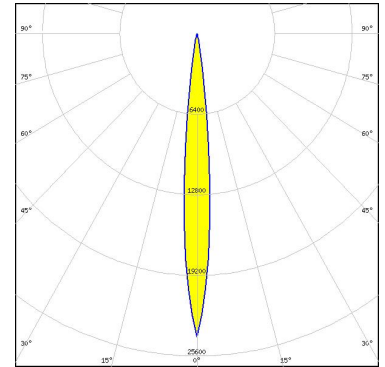


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

LED CLU700/701/702/703  
Ordering code CP18774\_YASMEEN-70-RS-B2  
FWHM / FWTM 10.0° / 18.0°  
Efficiency 90 %  
Peak intensity 24.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

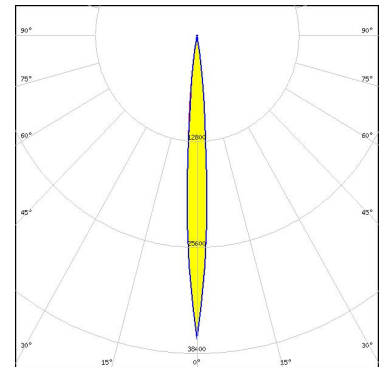


BJB: 47.360.1020

Light distribution files

#### CITIZEN

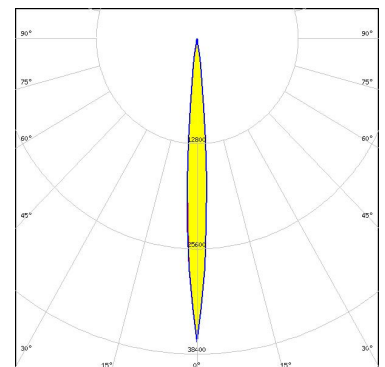
LED CLU7A2/7A3  
Ordering code CP18579\_YASMEEN-70-RS  
FWHM / FWTM 8.0° / 16.0°  
Efficiency 94 %  
Peak intensity 36.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### CITIZEN

LED CLU7A2/7A3  
Ordering code CP18788\_YASMEEN-70-RS-B2-WHT  
FWHM / FWTM 8.0° / 16.0°  
Efficiency 93 %  
Peak intensity 36.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



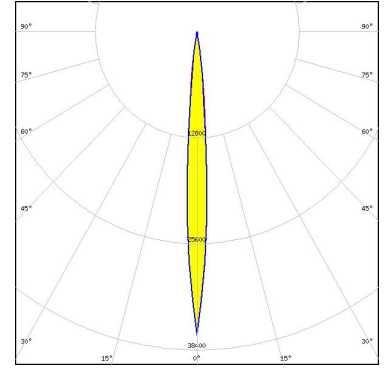
BJB: 47.360.1020

Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

LED CLU7A2/7A3  
 Ordering code CP18774\_YASMEEN-70-RS-B2  
 FWHM / FWTM 8.0° / 16.0°  
 Efficiency 90 %  
 Peak intensity 36.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

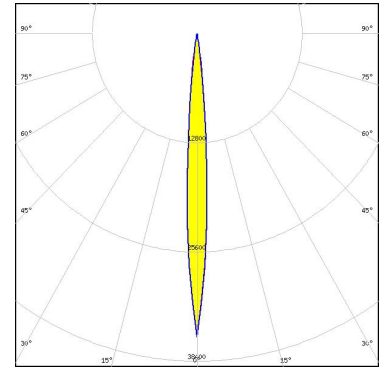


BJB: 47.360.1020

Light distribution files

#### CITIZEN

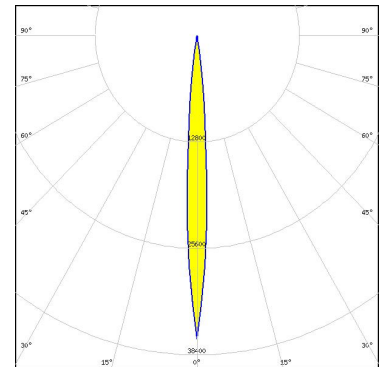
LED CLU7A2/7A3  
 Ordering code CP18774\_YASMEEN-70-RS-B2  
 FWHM / FWTM 8.0° / 16.0°  
 Efficiency 89 %  
 Peak intensity 35.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C18968\_SOCKET-B-35-C



Light distribution files

#### CITIZEN

LED CLU7A2/7A3  
 Ordering code CP18781\_YASMEEN-70-RS-C2-WHT  
 FWHM / FWTM 8.0° / 16.0°  
 Efficiency 93 %  
 Peak intensity 36.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17435\_HEKLA-G2-C

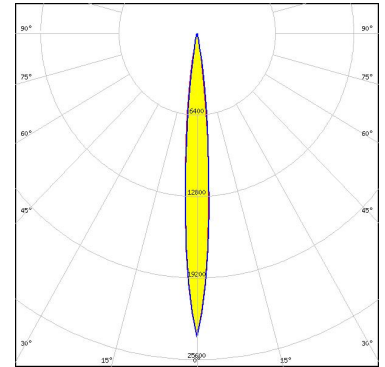


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

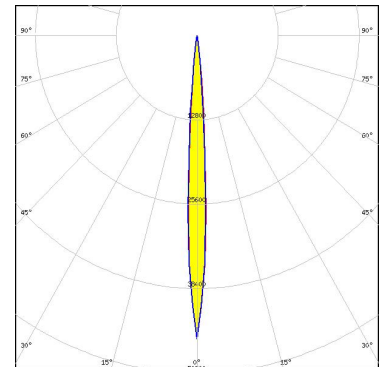
LED CLU7A3 Type-F  
Ordering code CP18774\_YASMEEN-70-RS-B2  
FWHM / FWTM 10.0° / 20.0°  
Efficiency 88 %  
Peak intensity 23.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C18968\_SOCKET-B-35-C



Light distribution files

#### CITIZEN

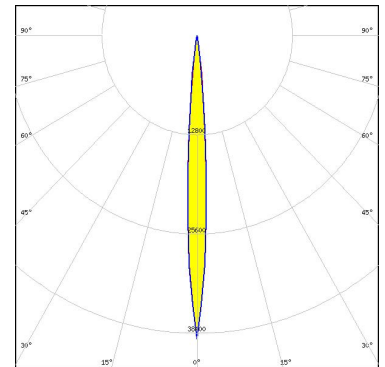
LED CLU7L3  
Ordering code CP18774\_YASMEEN-70-RS-B2  
FWHM / FWTM 6.0° / 14.0°  
Efficiency 85 %  
Peak intensity 46.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C19425\_SOCKET-B-35-N



Light distribution files

#### CITIZEN

LED CLU7S3  
Ordering code CP18774\_YASMEEN-70-RS-B2  
FWHM / FWTM 8.0° / 16.0°  
Efficiency 87 %  
Peak intensity 39.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C19425\_SOCKET-B-35-N

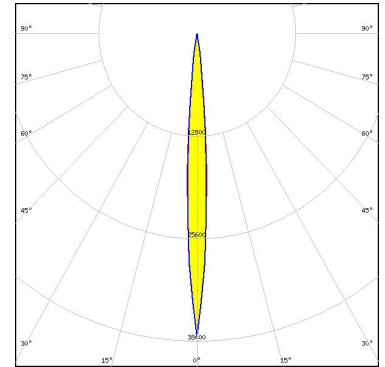


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

LED	CLU7S3
Ordering code	CP18788_YASMEEN-70-RS-B2-WHT
FWHM / FWTM	8.0° / 16.0°
Efficiency	93 %
Peak intensity	37.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

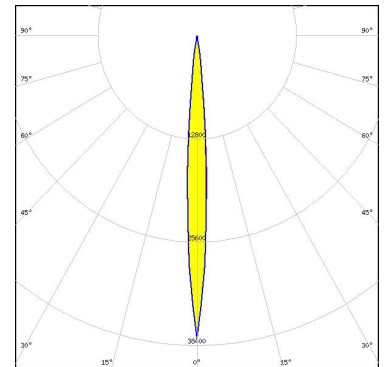


Bender Wirth: 667a Bayonet35

Light distribution files

#### CITIZEN

LED	CLU7S3
Ordering code	CP18774_YASMEEN-70-RS-B2
FWHM / FWTM	8.0° / 16.0°
Efficiency	90 %
Peak intensity	37.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

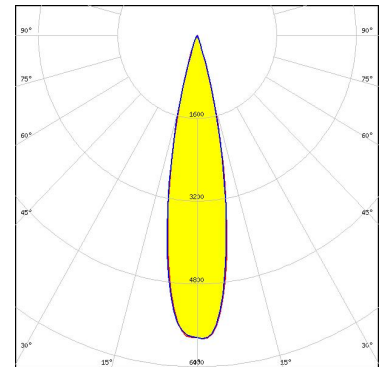


Bender Wirth: 667a Bayonet35

Light distribution files



LED	CMA1840
Ordering code	CP18767_YASMEEN-70-RS-C2
FWHM / FWTM	22.0° / 36.0°
Efficiency	89 %
Peak intensity	5.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



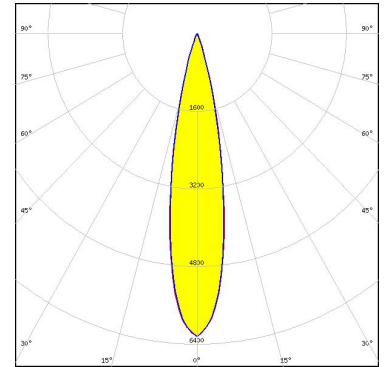
Bender Wirth: 637a Hekla

Light distribution files

### OPTICAL RESULTS (SIMULATED):



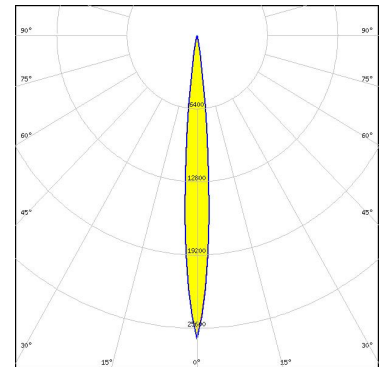
**LED** CMU15xx  
**Ordering code** CP18767\_YASMEEN-70-RS-C2  
**FWHM / FWTM** 20.0° / 36.0°  
**Efficiency** 89 %  
**Peak intensity** 6.3 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17438\_HEKLA-G2-I



Light distribution files



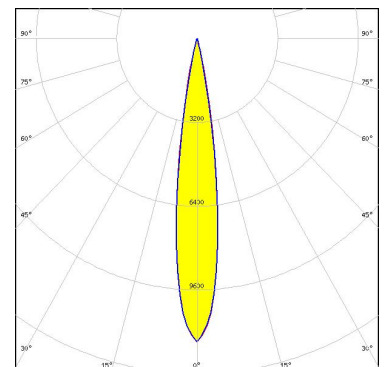
**LED** CXA/B 13xx  
**Ordering code** CP18767\_YASMEEN-70-RS-C2  
**FWHM / FWTM** 10.0° / 18.0°  
**Efficiency** 88 %  
**Peak intensity** 26.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17439\_HEKLA-G2-J



Light distribution files



**LED** CxM-9 (13.5x13.5)  
**Ordering code** CP18767\_YASMEEN-70-RS-C2  
**FWHM / FWTM** 16.0° / 26.0°  
**Efficiency** 90 %  
**Peak intensity** 11.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17435\_HEKLA-G2-C

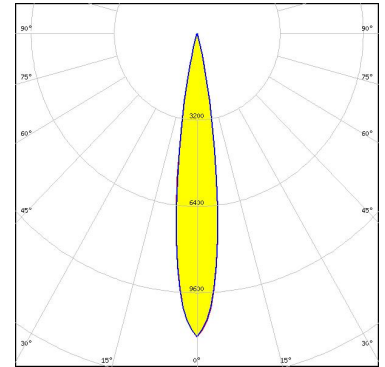


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

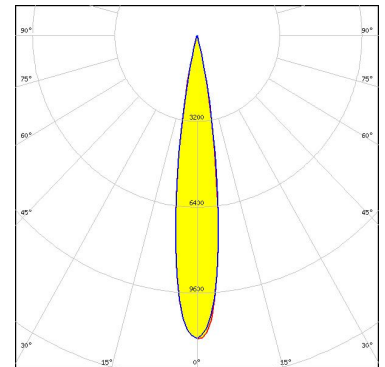
LED LC003D / LC006D / LC009D / LC013D  
Ordering code CP18781\_YASMEEN-70-RS-C2-WHT  
FWHM / FWTM 16.0° / 26.0°  
Efficiency 93 %  
Peak intensity 11.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



Light distribution files

#### SAMSUNG

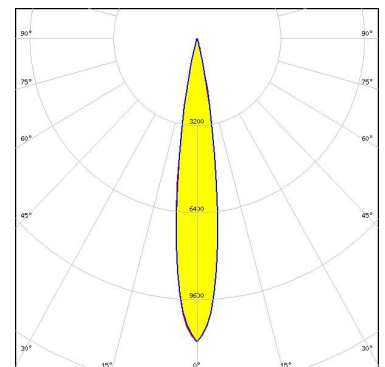
LED LC003D / LC006D / LC009D / LC013D  
Ordering code CP18767\_YASMEEN-70-RS-C2  
FWHM / FWTM 16.0° / 26.0°  
Efficiency 90 %  
Peak intensity 11.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



Light distribution files

#### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
Ordering code CP18788\_YASMEEN-70-RS-B2-WHT  
FWHM / FWTM 16.0° / 26.0°  
Efficiency 92 %  
Peak intensity 11.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



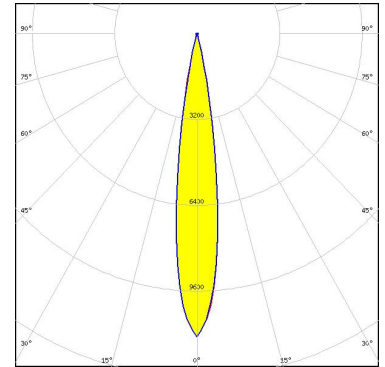
Light distribution files

BJB: 47.360.1020

### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

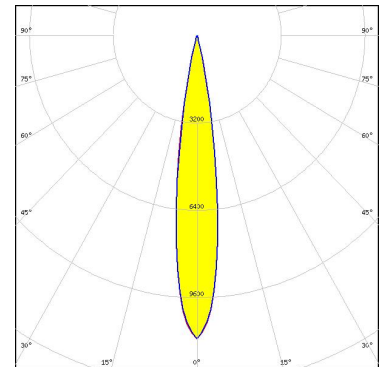
LED LC003D / LC006D / LC009D / LC013D  
Ordering code CP18579\_YASMEEN-70-RS  
FWHM / FWTM 16.0° / 26.0°  
Efficiency 95 %  
Peak intensity 11.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
Ordering code CP18774\_YASMEEN-70-RS-B2  
FWHM / FWTM 16.0° / 26.0°  
Efficiency 89 %  
Peak intensity 11.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

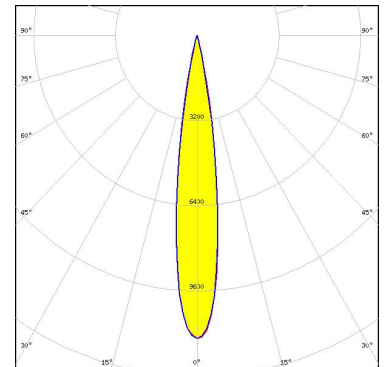


Light distribution files

BJB: 47.360.1020

#### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
Ordering code CP18767\_YASMEEN-70-RS-C2  
FWHM / FWTM 16.0° / 26.0°  
Efficiency 88 %  
Peak intensity 11.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



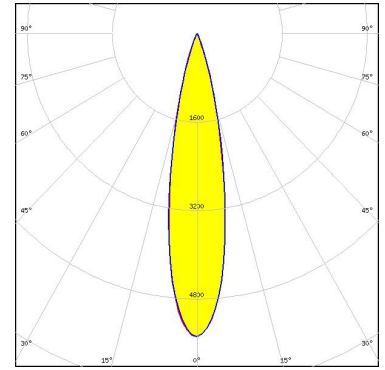
Light distribution files



### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

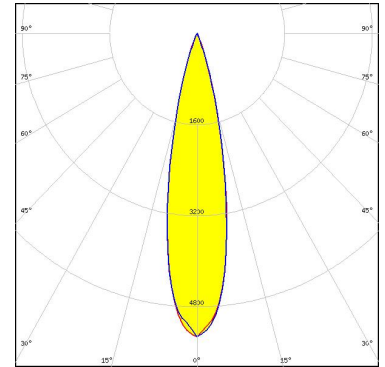
LED LC016D / LC019D / LC026D / LC033D  
Ordering code CP18767\_YASMEEN-70-RS-C2  
FWHM / FWTM 22.0° / 38.0°  
Efficiency 86 %  
Peak intensity 5.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

#### SAMSUNG

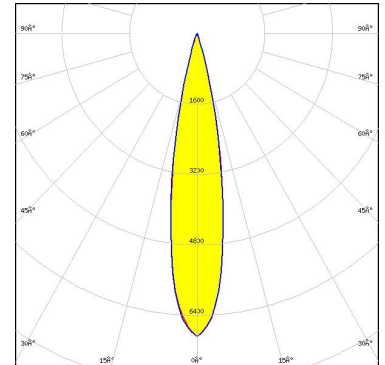
LED LC016D / LC019D / LC026D / LC033D  
Ordering code CP18767\_YASMEEN-70-RS-C2  
FWHM / FWTM 22.0° / 38.0°  
Efficiency 88 %  
Peak intensity 5.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



Light distribution files

#### XICATO

LED XOB 14.5 mm  
Ordering code CP18767\_YASMEEN-70-RS-C2  
FWHM / FWTM 20.0° / 34.0°  
Efficiency 89 %  
Peak intensity 6.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I

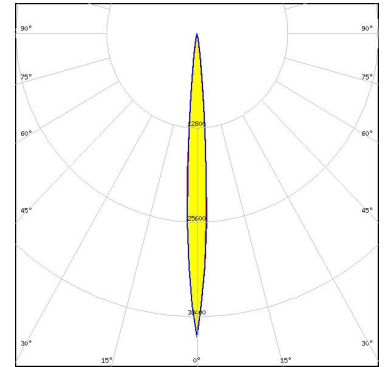


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### XICATO

LED	XOB 4mm
Ordering code	CP18767_YASMEEN-70-RS-C2
FWHM / FWTM	8.0° / 14.0°
Efficiency	91 %
Peak intensity	41.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

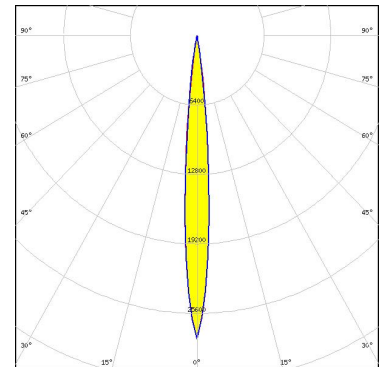


Bender Wirth: 634b Hekla

Light distribution files

#### XICATO

LED	XOB 6 mm
Ordering code	CP18767_YASMEEN-70-RS-C2
FWHM / FWTM	10.0° / 18.0°
Efficiency	90 %
Peak intensity	27.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

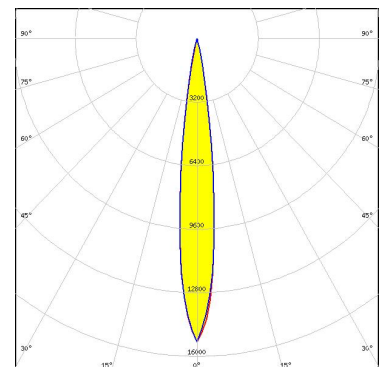


Bender Wirth: 634b Hekla

Light distribution files

#### XICATO

LED	XOB 9.8 mm
Ordering code	CP18767_YASMEEN-70-RS-C2
FWHM / FWTM	14.0° / 24.0°
Efficiency	90 %
Peak intensity	15.3 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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