

## YASMEEN-70-RS

~10° spot beam

### SPECIFICATION:

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

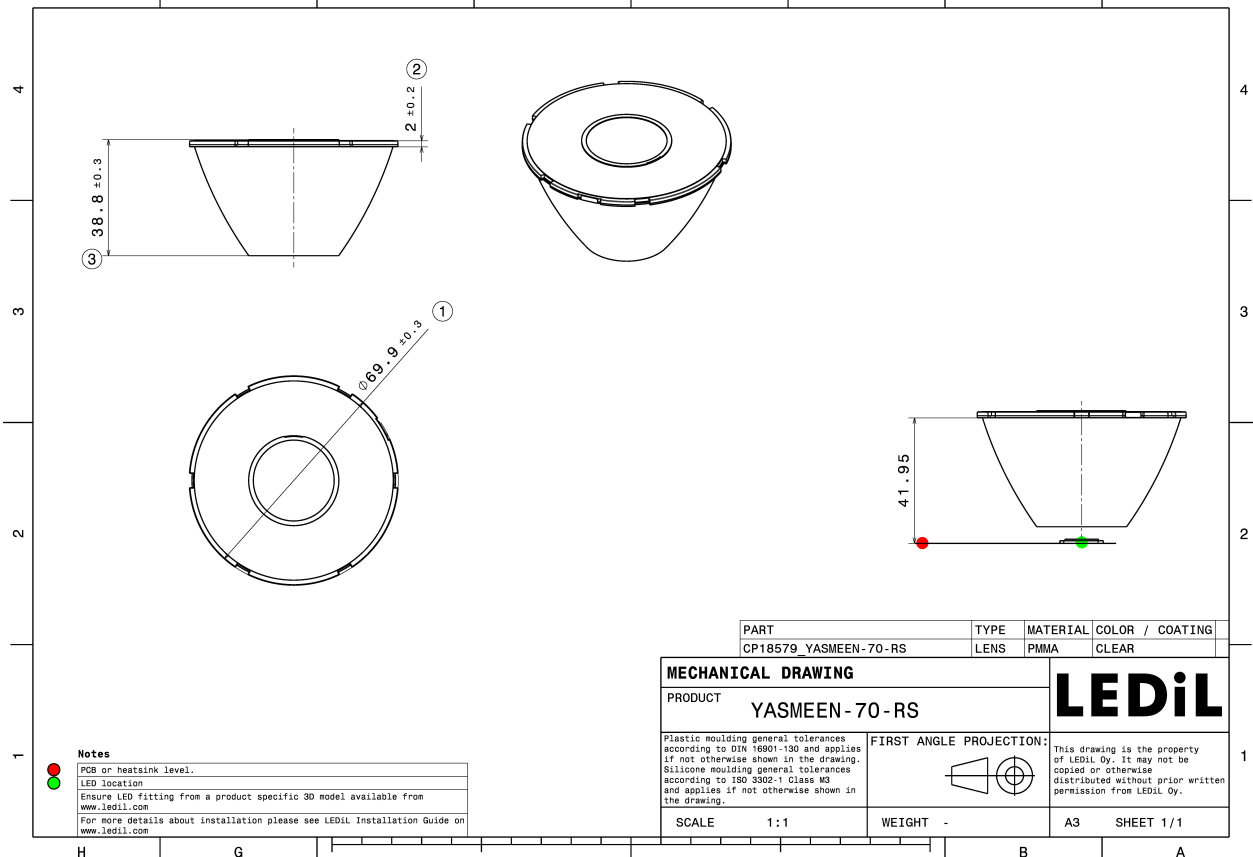
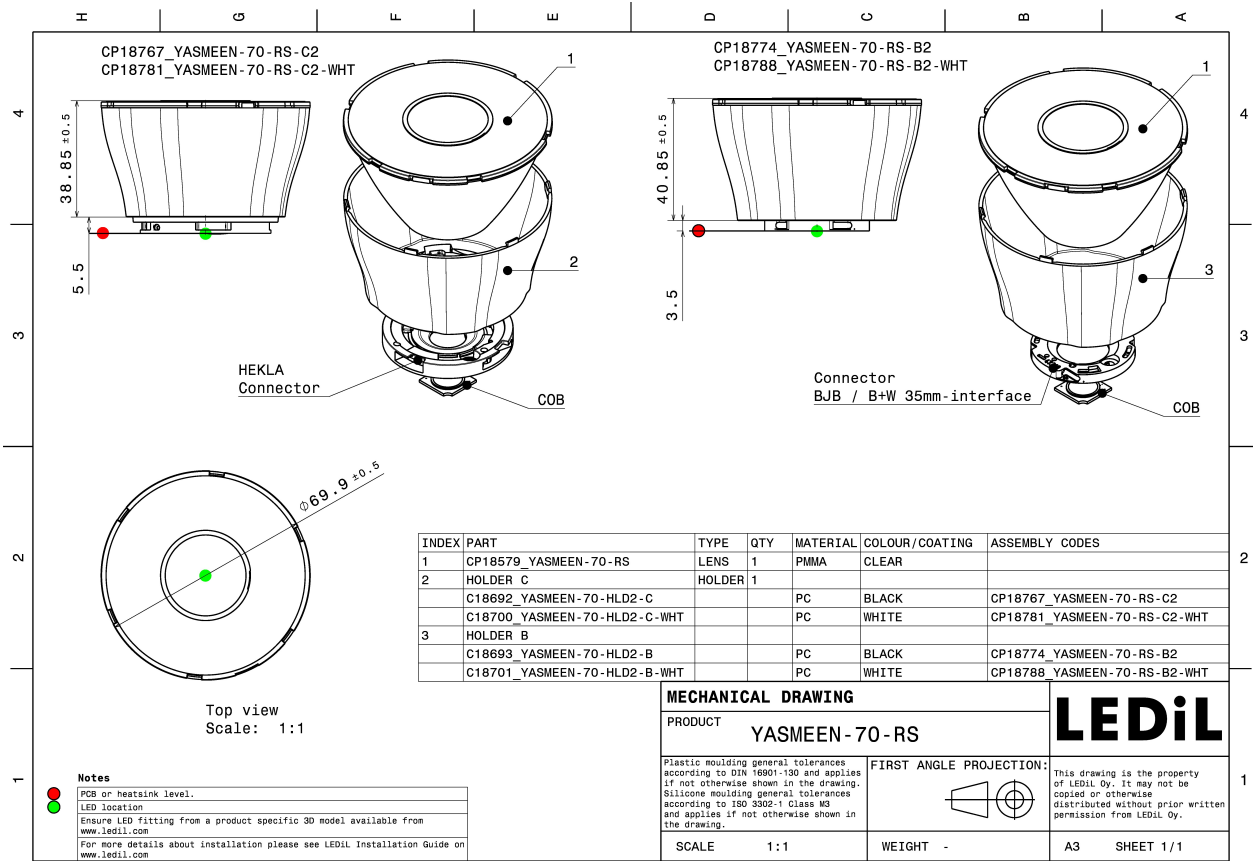
### MATERIALS:

Component	Type	Material	Colour	Finish
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	



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP18579_YASMEEN-70-RS	105	105	15	9.3
<b>Assembly</b>				
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

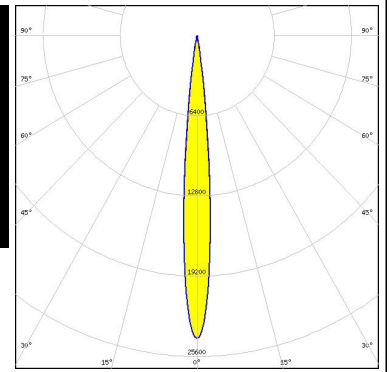
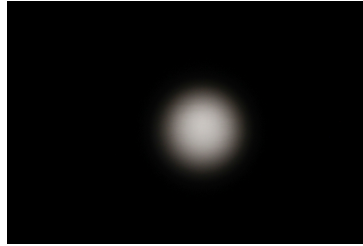


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

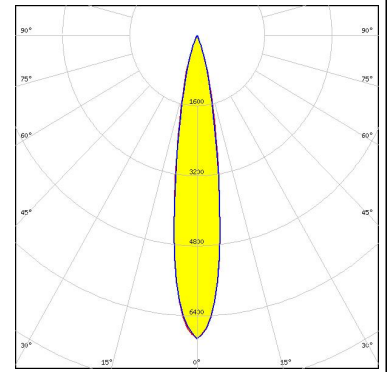
LED LC010C G2  
Ordering code CP18767\_YASMEEN-70-RS-C2  
FWHM / FWTM 10.0° / 18.0°  
Efficiency 88 %  
Peak intensity 24.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17435\_HEKLA-G2-C



### OPTICAL RESULTS (SIMULATED):

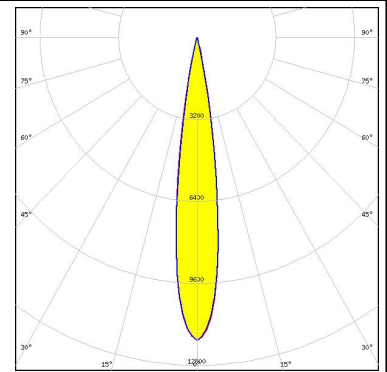


**LED** Vesta SE 13mm TW  
**Ordering code** CP18767\_YASMEEN-70-RS-C2  
**FWHM / FWTM** 18.0° / 36.0°  
**Efficiency** 86 %  
**Peak intensity** 6.9 cd/lm  
**LEDs/each optic** 1  
**Light colour** Tunable White  
**Required components:**  
 C16142\_HEKLA-SOCKET-K



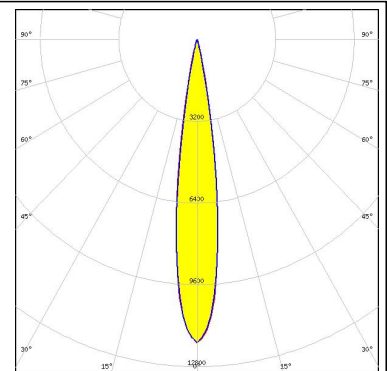
### CITIZEN

**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** White  
**Required components:**  
 F17435\_HEKLA-G2-C



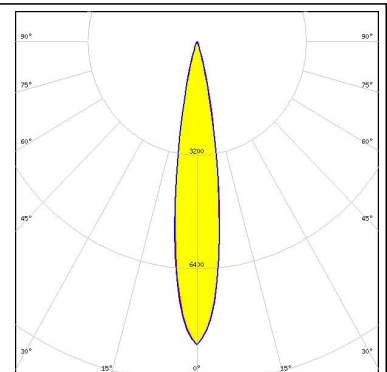
### CITIZEN

**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** White  
**Required components:**  
 BJB: 47.360.1020



### CITIZEN

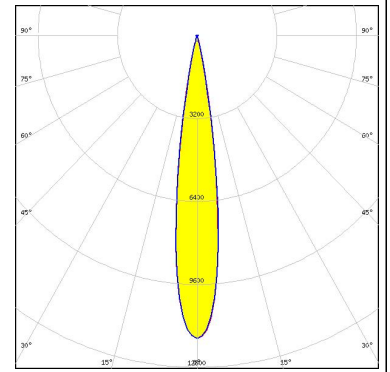
**LED** CLL02x/CLU02x (LES10)  
**Ordering code** CP18767\_YASMEEN-70-RS-C2  
**FWHM / FWTM** 17.0° / 30.0°  
**Efficiency** 90 %  
**Peak intensity** 8.5 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F17435\_HEKLA-G2-C



### OPTICAL RESULTS (SIMULATED):

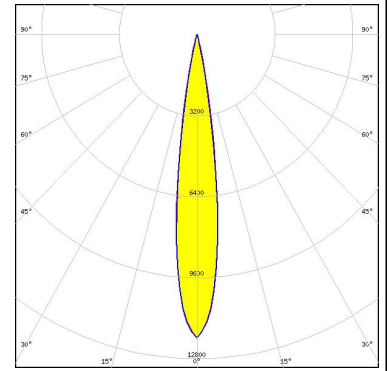
#### CITIZEN

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 White  
 Required components:



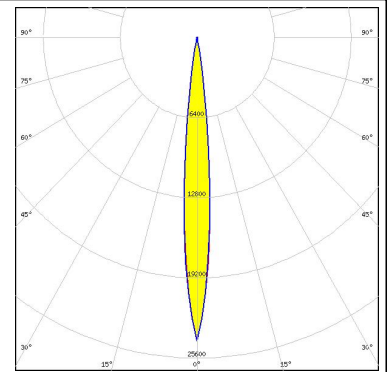
#### CITIZEN

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 White  
 Required components:  
 BJB: 47.360.1020



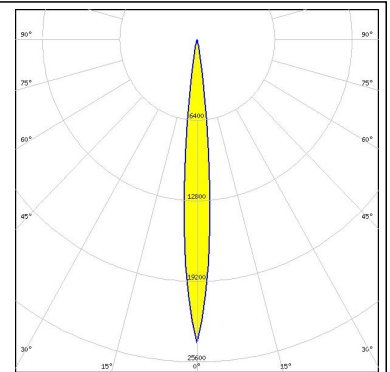
#### CITIZEN

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 White  
 Required components:



#### CITIZEN

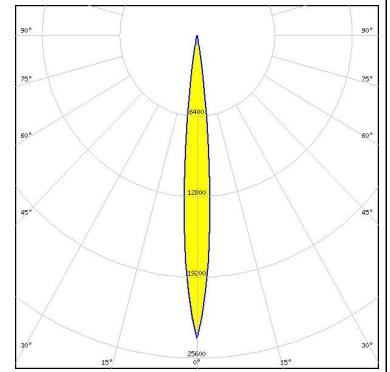
LED CLU700/701/702/703  
 Ordering code CP18774\_YASMEEN-70-RS-B2  
 FWHM / FWTM 10.0° / 18.0°  
 Efficiency 90 %  
 Peak intensity 24.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1020



## OPTICAL RESULTS (SIMULATED):

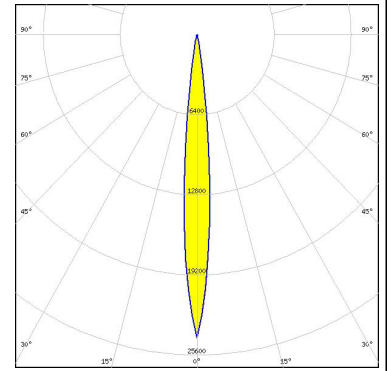
### CITIZEN

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 White  
Required components:  
F17435\_HEKLA-G2-C



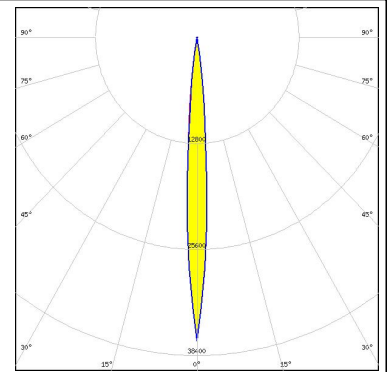
### CITIZEN

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 White  
Required components:  
BJB: 47.360.1020



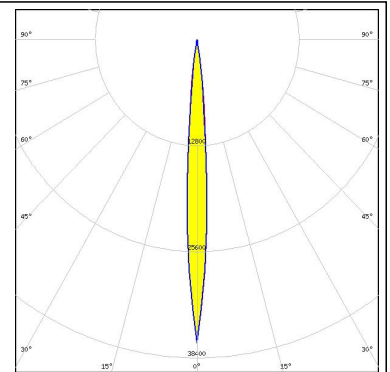
### CITIZEN

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 White  
Required components:



### CITIZEN

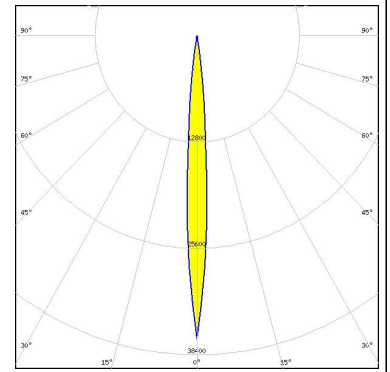
LED CLU7A2/7A3  
Ordering code CP18774\_YASMEEN-70-RS-B2  
FWHM / FWTM 8.0° / 16.0°  
Efficiency 90 %  
Peak intensity 36.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.360.1020



## OPTICAL RESULTS (SIMULATED):

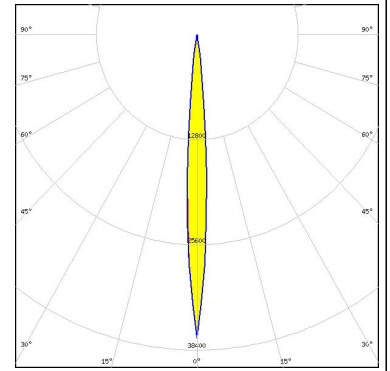
### CITIZEN

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 White  
Required components:  
F17435\_HEKLA-G2-C



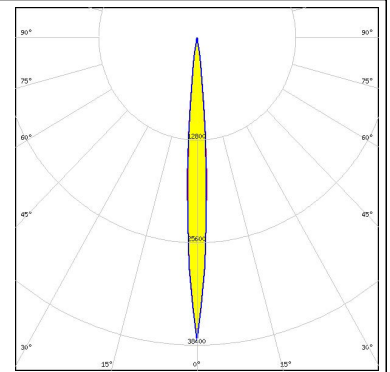
### CITIZEN

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 White  
Required components:  
BJB: 47.360.1020



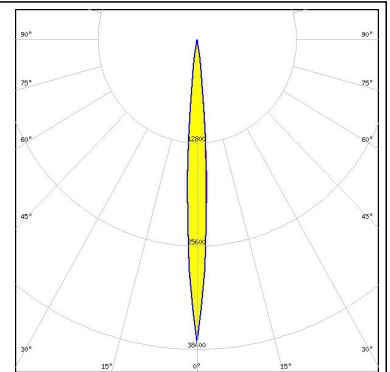
### CITIZEN

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 White  
Required components:  
Bender Wirth: 667a Bayonet35



### 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 White  
Required components:  
Bender Wirth: 667a Bayonet35

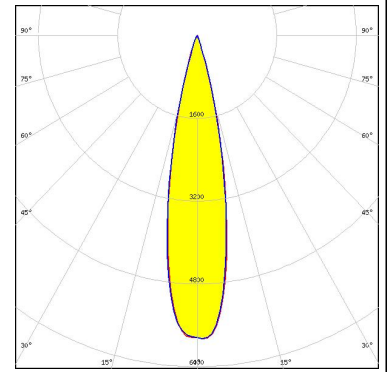




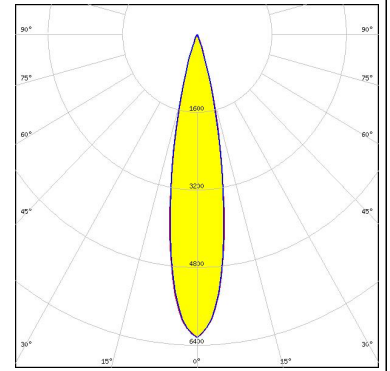
### OPTICAL RESULTS (SIMULATED):



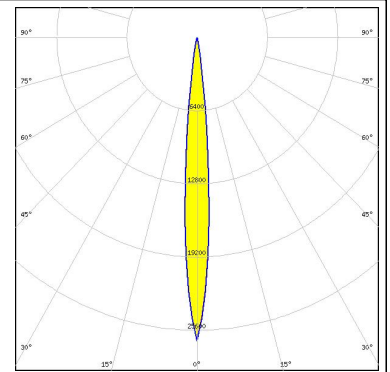
**LED** CMA1840  
**Ordering code** CP18767\_YASMEEN-70-RS-C2  
**FWHM / FWTM** 22.0° / 36.0°  
**Efficiency** 89 %  
**Peak intensity** 5.9 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 Bender Wirth: 637a Hekla



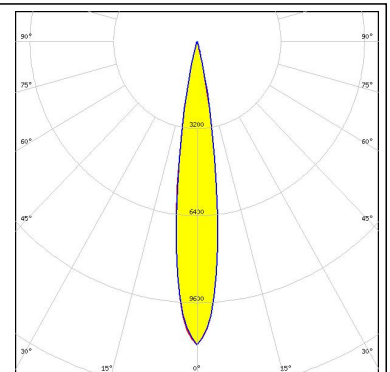
**LED** CMU15xx  
**Ordering code** CP18767\_YASMEEN-70-RS-C2  
**FWHM / FWTM** 20.0° / 36.0°  
**Efficiency** 89 %  
**Peak intensity** 6.3 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 F17438\_HEKLA-G2-I



**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** White  
**Required components:**  
 F17439\_HEKLA-G2-J



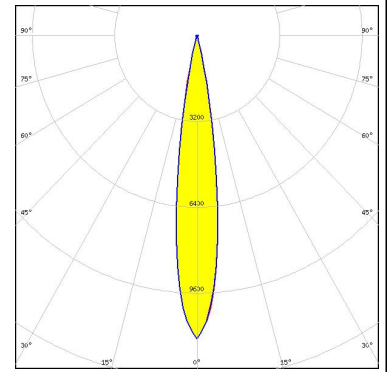
**LED** LC003D / LC006D / LC009D / LC013D  
**Ordering code** CP18788\_YASMEEN-70-RS-B2-WHT  
**FWHM / FWTM** 16.0° / 26.0°  
**Efficiency** 92 %  
**Peak intensity** 11.1 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 BJB: 47.360.1020



### OPTICAL RESULTS (SIMULATED):

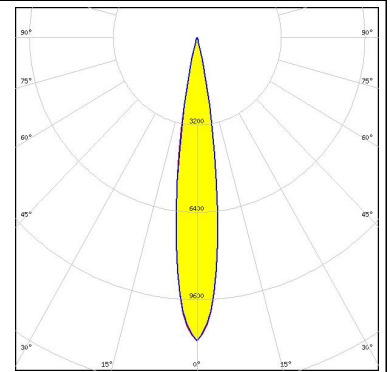
#### SAMSUNG

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 White  
Required components:



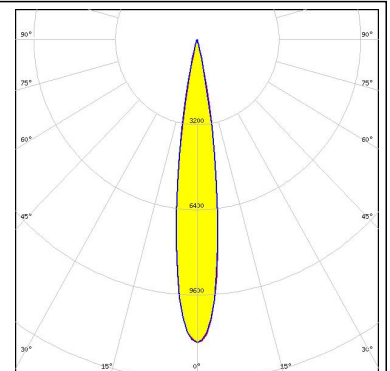
#### SAMSUNG

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 White  
Required components:  
BJB: 47.360.1020



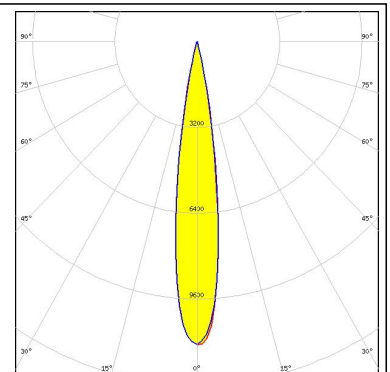
#### SAMSUNG

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 White  
Required components:  
F17435\_HEKLA-G2-C



#### SAMSUNG

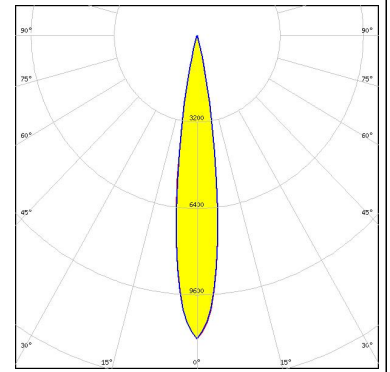
LED LC003D / LC006D / LC009D / LC013D  
Ordering code CP18767\_YASMEEN-70-RS-C2  
FWHM / FWTM 16.0° / 26.0°  
Efficiency 90 %  
Peak intensity 11.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17435\_HEKLA-G2-C



## OPTICAL RESULTS (SIMULATED):

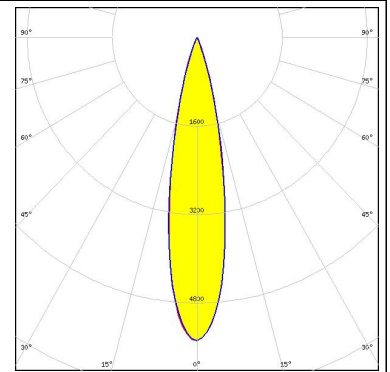
### SAMSUNG

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 White  
Required components:  
F17435\_HEKLA-G2-C



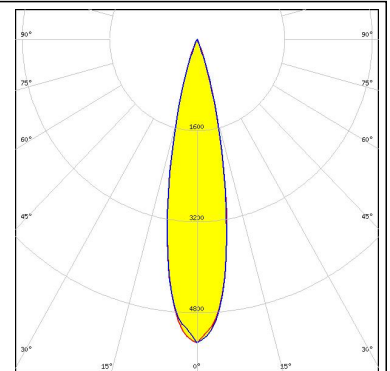
### SAMSUNG

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 White  
Required components:  
F17438\_HEKLA-G2-I



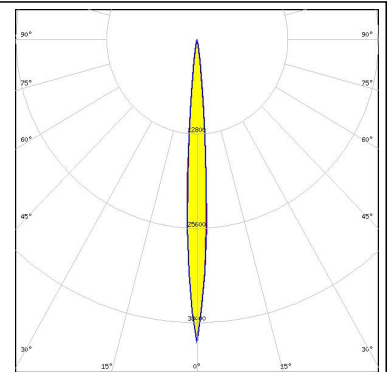
### SAMSUNG

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 White  
Required components:  
F17438\_HEKLA-G2-I



### XICATO

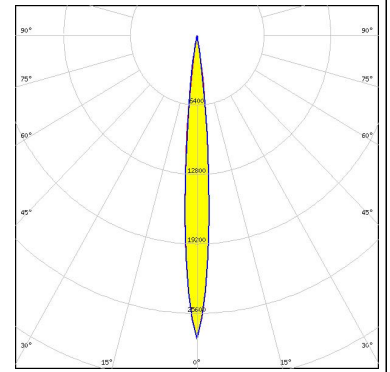
LED XOB 4mm  
Ordering code CP18767\_YASMEEN-70-RS-C2  
FWHM / FWTM 8.0° / 14.0°  
Efficiency 91 %  
Peak intensity 41.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 634b Hekla



### OPTICAL RESULTS (SIMULATED):

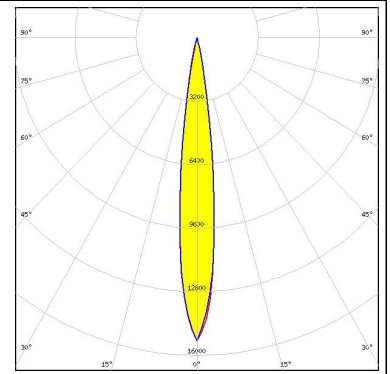
#### XICATO

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 White  
Required components:  
Bender Wirth: 634b Hekla



#### 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 White  
Required components:  
F17435\_HEKLA-G2-C



### 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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P.R.CHINA

#### Local sales and technical support

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Hong Kong, China

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