

YASMEEN-70-FR-S

~5° ultra-narrow spot beam

SPECIFICATION:

Dimensions	Ø 69.9
Height	40.2 mm
Fastening	socket
ROHS compliant	yes ⓘ

MATERIALS:

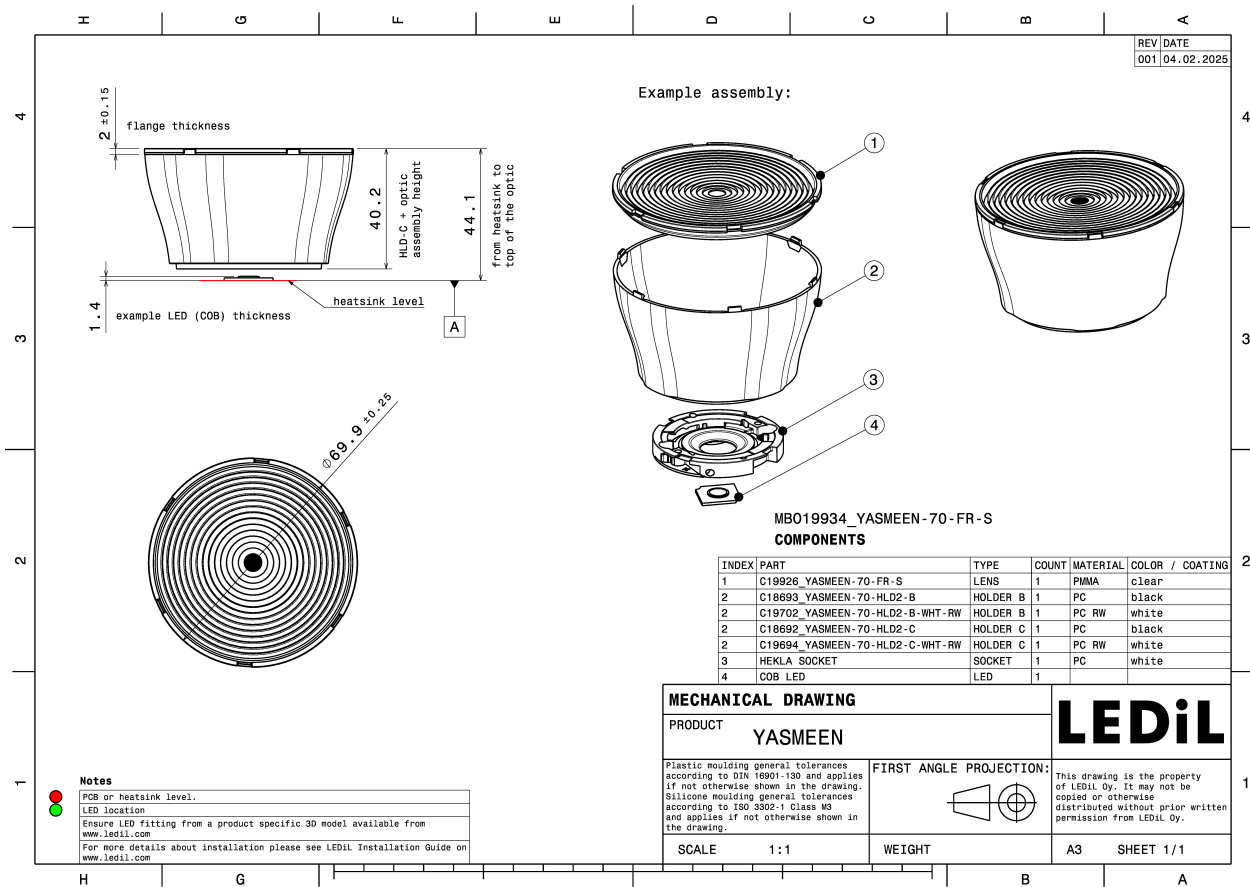
Component	Type	Material	Colour	Finish	Length (mm)
YASMEEN-70-HLD2-B-WHT-RW	Holder B	PC	white		
YASMEEN-70-HLD2-C-WHT-RW	Holder C	PC	white		
YASMEEN-70-HLD2-B	Holder B	PC	black		
YASMEEN-70-HLD2-C	Holder C	PC	black		
YASMEEN-70-FR-S	Single lens	PMMA	clear	gloss	



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C19926_YASMEEN-70-FR-S	400	120	20	5.4
C18692_YASMEEN-70-HLD2-C	400	60	10	6.1
C18693_YASMEEN-70-HLD2-B	400	60	10	6.5
C19694_YASMEEN-70-HLD2-C-WHT-RW	400	60	10	6.2
C19702_YASMEEN-70-HLD2-B-WHT-RW	400	60	10	6.5

Assembly



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

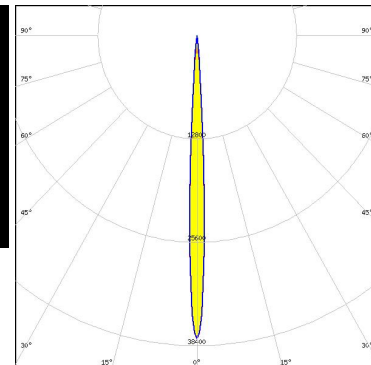
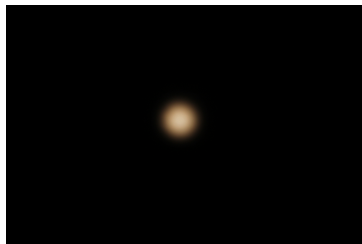
OPTICAL RESULTS (MEASURED):

CITIZEN

LED CLU7A2/7A3
FWHM / FWTM 6.0° / 10.0°
Efficiency 47 %
Peak intensity 37.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

F17435_HEKLA-G2-C
C18692_YASMEEN-70-HLD2-C

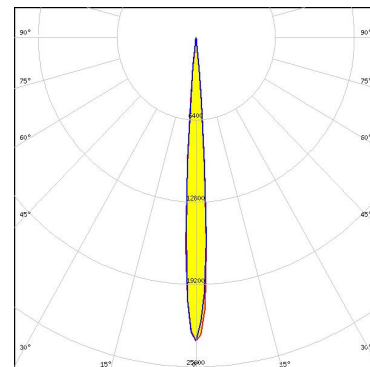


Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

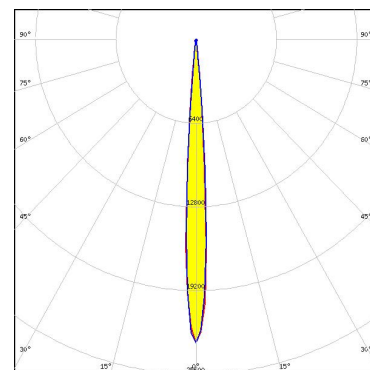
LED CLU700/701/702/703
 FWHM / FWTM 7.5° / 12.0°
 Efficiency 42 %
 Peak intensity 23.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C
 C18692_YASMEEN-70-HLD2-C



Light distribution files

CITIZEN

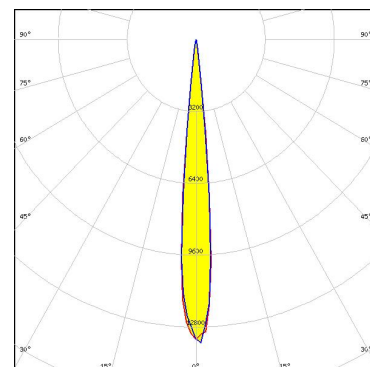
LED CLU700/701/702/703
 FWHM / FWTM 7.5° / 12.5°
 Efficiency 79 %
 Peak intensity 23.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C
 C19694_YASMEEN-70-HLD2-C-WHT-RW



Light distribution files

CITIZEN

LED CLU712/713
 FWHM / FWTM 10.0° / 16.0°
 Efficiency 42 %
 Peak intensity 13.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C
 C18692_YASMEEN-70-HLD2-C

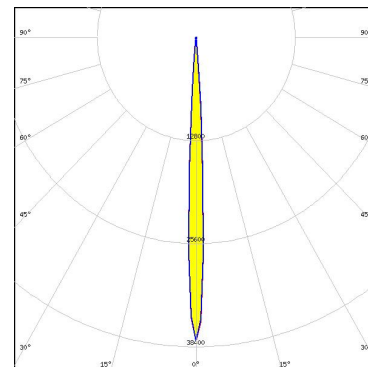


Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

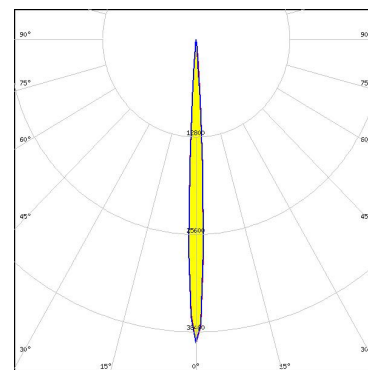
LED CLU7A2/7A3
 FWHM / FWTM 6.0° / 10.0°
 Efficiency 79 %
 Peak intensity 37.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C
 C19694_YASMEEN-70-HLD2-C-WHT-RW



Light distribution files

CITIZEN

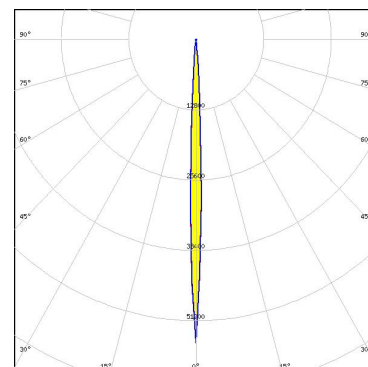
LED CLU7A2/7A3
 FWHM / FWTM 5.4° / 9.5°
 Efficiency 42 %
 Peak intensity 39.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C
 C18692_YASMEEN-70-HLD2-C



Light distribution files

CITIZEN

LED CLU7L3
 FWHM / FWTM 4.0° / 9.0°
 Efficiency 75 %
 Peak intensity 55.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19425_SOCKET-B-35-N
 C19702_YASMEEN-70-HLD2-B-WHT-RW



Light distribution files

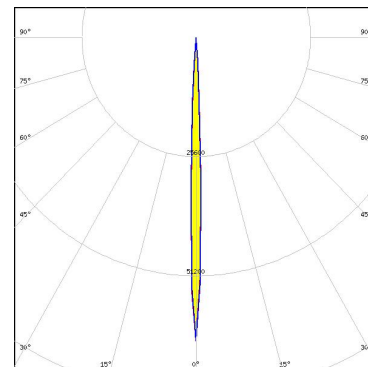
OPTICAL RESULTS (SIMULATED):

CITIZEN

LED CLU7L3
FWHM / FWTM 3.8° / 7.4°
Efficiency 42 %
Peak intensity 65.2 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C19425_SOCKET-B-35-N
C18693_YASMEEN-70-HLD2-B



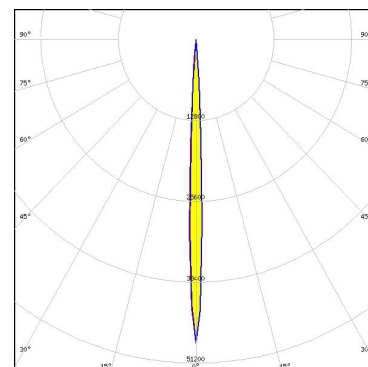
Light distribution files

CITIZEN

LED CLU7S3
FWHM / FWTM 4.5° / 8.6°
Efficiency 42 %
Peak intensity 48 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C19425_SOCKET-B-35-N
C18693_YASMEEN-70-HLD2-B



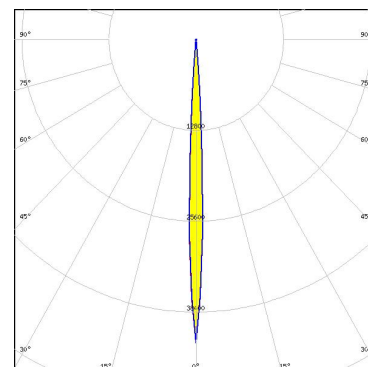
Light distribution files

CITIZEN

LED CLU7S3
FWHM / FWTM 5.0° / 10.0°
Efficiency 76 %
Peak intensity 42.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C19425_SOCKET-B-35-N
C19702_YASMEEN-70-HLD2-B-WHT-RW



Light distribution files

OPTICAL RESULTS (SIMULATED):

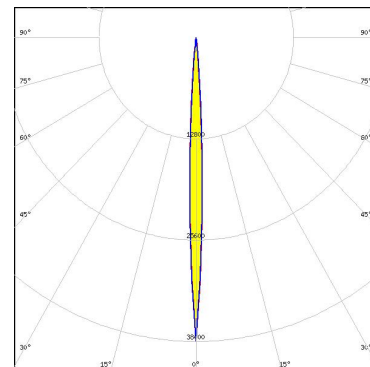


LED CHA0304
FWHM / FWTM 5.0° / 10.0°
Efficiency 42 %
Peak intensity 38.3 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

F17435_HEKLA-G2-C

C18692_YASMEEN-70-HLD2-C



Light distribution files

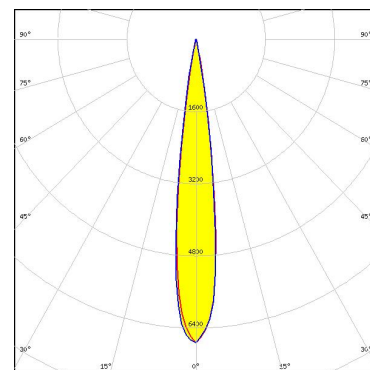


LED CxM-11 (19x19)
Ordering code C19926_YASMEEN-70-FR-S
FWHM / FWTM 14.0° / 22.0°
Efficiency 42 %
Peak intensity 6.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

F17438_HEKLA-G2-I

C18692_YASMEEN-70-HLD2-C



Light distribution files

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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

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LEDiL Oy

Joensuunkatu 7
FI-24100 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Poznan, Poland
Hong Kong, China

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