YASMEEN-25-FR-S

~9° ultra-narrow spot beam



SPECIFICATION:

Dimensions	Ø 24.8
Height	15.9 mm
Fastening	socket
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
YASMEEN-25-FR-S	Single lens	PMMA	clear		

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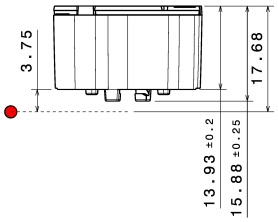
ORDERING INFORMATION:

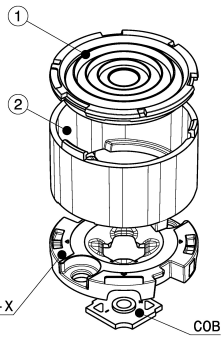
Component	Qty in box	MOQ	MPQ	Box weight (kg)
L20339_YASMEEN-25-FR-S » Box size: 476 x 273 x 197 mm	3380		130	5.1
LP20341_YASMEEN-25-FR-S-B-WHT » Box size: 480 x 280 x 300 mm	1690	130	130	5.1
LP20340_YASMEEN-25-FR-S-B » Box size: 480 x 280 x 300 mm	1690	130	130	4.7

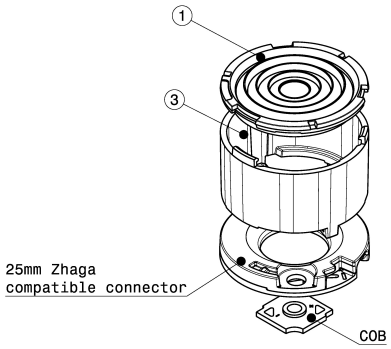
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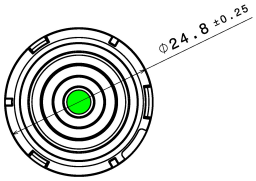
REV	DATE
001	08.05.2026

LP20340_YASMEEN-25-FR-S-B
LP20341_YASMEEN-25-FR-S-B-WHT









INDEX	PART	TYPE	COUNT	MATERIAL	COLOR	ASSEMBLY CODE
1	L20339_YASMEEN-25-FR-S	LENS	1	PMMA	CLEAR	
2	HOLDER B	HOLDER	1			
	L20086_YASMEEN-25-HLD-B			PC	BLACK	LP20340_YASMEEN-25-FR-S-B
	L20087_YASMEEN-25-HLD-B-WHT			PC	WHITE	LP20341_YASMEEN-25-FR-S-B-WHT
3	HOLDER BZ	HOLDER	1			
	L20855_YASMEEN-25-HLD-BZ			PC	BLACK	LP20861_YASMEEN-25-FR-S-BZ
	L20856_YASMEEN-25-HLD-BZ-WHT			PC	WHITE	LP20866_YASMEEN-25-FR-S-BZ-WHT

MECHANICAL DRAWING

PRODUCT YASMEEN

LEDiL

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

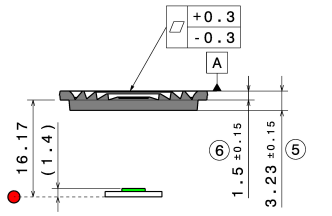
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SCALE 2:1 | WEIGHT | A3 | SHEET 1/1

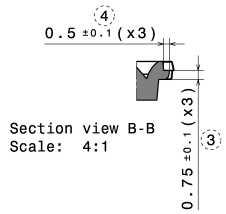
Notes

PCB bottom / heatsink level
LED location
Ensure LED fitting from a product specific 3D model available from www.ledil.com
For more details about installation please see LEDiL Installation Guide on www.ledil.com

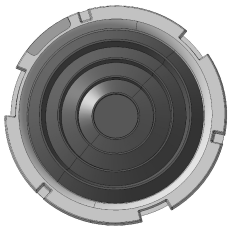
REV	DATE
001	08.05.2026

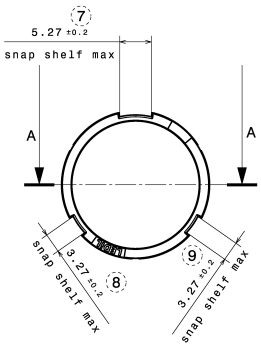


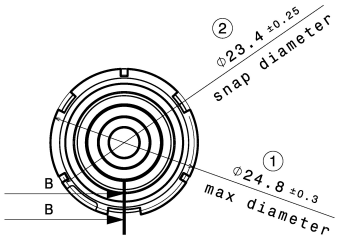
Section view A-A
Scale: 2:1

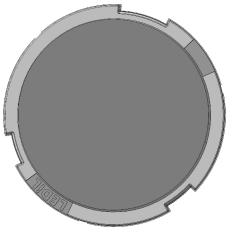


Section view B-B
Scale: 4:1









PART	TYPE	MATERIAL	COLOR
L20339_YASMEEN-25-FR-S_004_MechanicalModel_002	LENS	PMMA	CLEAR

MECHANICAL DRAWING

PRODUCT YASMEEN

LEDiL

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

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SCALE 2:1 | WEIGHT 1.1g (10) | A3 | SHEET 1/1

Notes

PCB bottom / heatsink level
LED location
Ensure LED fitting from a product specific 3D model available from www.ledil.com
For more details about installation please see LEDiL Installation Guide on www.ledil.com

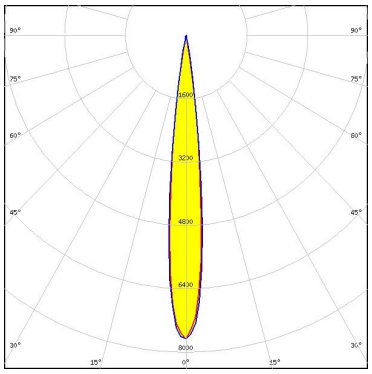
See also our general installation guide: www.ledil.com/installation_guide

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OPTICAL RESULTS (SIMULATED):

bridgelux

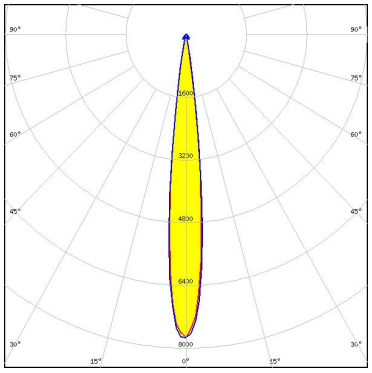
LED	V3 HD Gen 8
Ordering code	LP20340_YASMEEN-25-FR-S-B
FWHM / FWTM	12.0° / 20.0°
Efficiency	39 %
Peak intensity	7.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

bridgelux

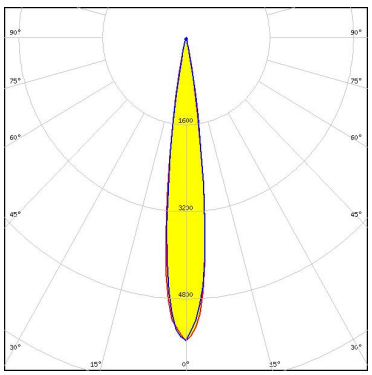
LED	V3 HD Gen 8
Ordering code	LP20341_YASMEEN-25-FR-S-B-WHT
FWHM / FWTM	12.0° / 20.0°
Efficiency	62 %
Peak intensity	7.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

bridgelux

LED	V4 HD Gen 8
Ordering code	LP20340_YASMEEN-25-FR-S-B
FWHM / FWTM	14.0° / 22.0°
Efficiency	39 %
Peak intensity	5.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



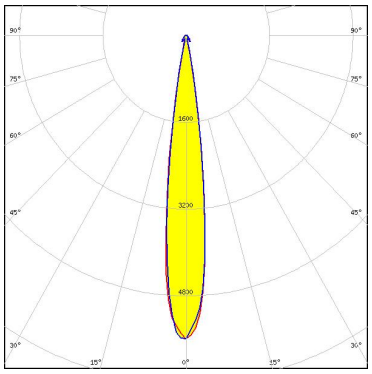
Light distribution files

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OPTICAL RESULTS (SIMULATED):

bridgelux

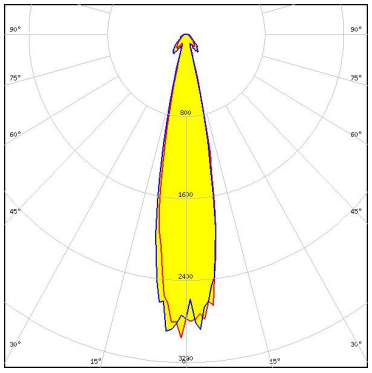
LED	V4 HD Gen 8
Ordering code	LP20341_YASMEEN-25-FR-S-B-WHT
FWHM / FWTM	14.0° / 23.0°
Efficiency	62 %
Peak intensity	5.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

bridgelux

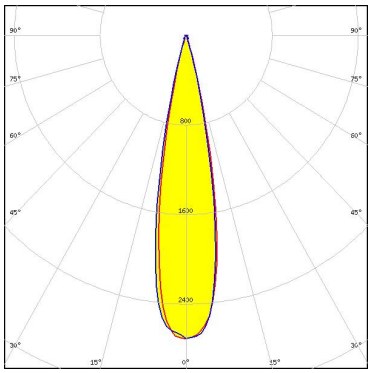
LED	V6 HD Gen 8
Ordering code	LP20341_YASMEEN-25-FR-S-B-WHT
FWHM / FWTM	21.0° / 33.0°
Efficiency	78 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20109_SOCKET-B-25-C	



Light distribution files

bridgelux

LED	V6 HD Gen 8
Ordering code	LP20340_YASMEEN-25-FR-S-B
FWHM / FWTM	21.0° / 32.0°
Efficiency	39 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20109_SOCKET-B-25-C	



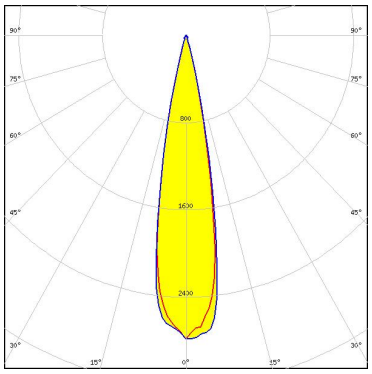
Light distribution files

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OPTICAL RESULTS (SIMULATED):

CITIZEN

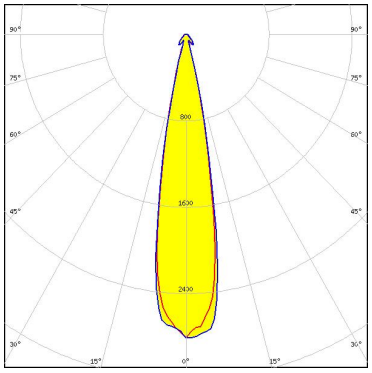
LED	CLU700/701/702/703
Ordering code	LP20340_YASMEEN-25-FR-S-B
FWHM / FWTM	20.0° / 30.0°
Efficiency	37 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CITIZEN

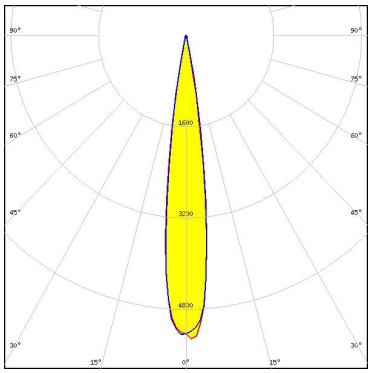
LED	CLU700/701/702/703
Ordering code	LP20341_YASMEEN-25-FR-S-B-WHT
FWHM / FWTM	20.0° / 31.0°
Efficiency	58 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CITIZEN

LED	CLU7A2/7A3
Ordering code	LP20340_YASMEEN-25-FR-S-B
FWHM / FWTM	14.0° / 23.0°
Efficiency	38 %
Peak intensity	5.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



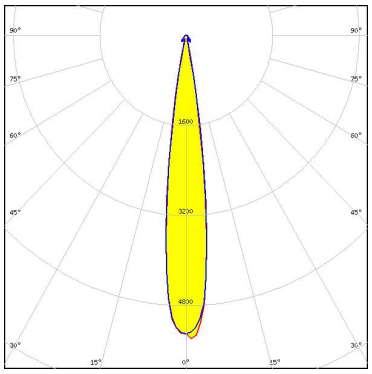
Light distribution files

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OPTICAL RESULTS (SIMULATED):

CITIZEN

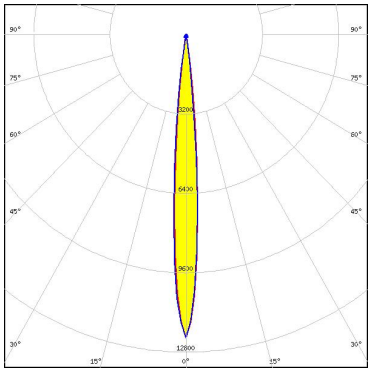
LED	CLU7A2/7A3
Ordering code	LP20341_YASMEEN-25-FR-S-B-WHT
FWHM / FWTM	14.0° / 24.0°
Efficiency	61 %
Peak intensity	5.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CITIZEN

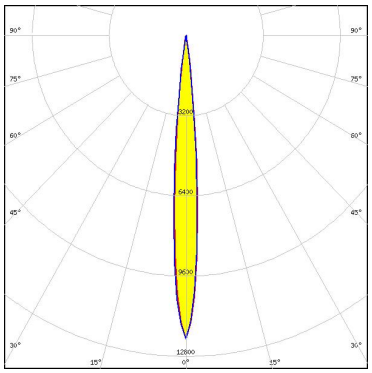
LED	CLU7L3
Ordering code	LP20341_YASMEEN-25-FR-S-B-WHT
FWHM / FWTM	9.0° / 16.0°
Efficiency	60 %
Peak intensity	12.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CITIZEN

LED	CLU7L3
Ordering code	LP20340_YASMEEN-25-FR-S-B
FWHM / FWTM	9.0° / 16.0°
Efficiency	38 %
Peak intensity	12.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



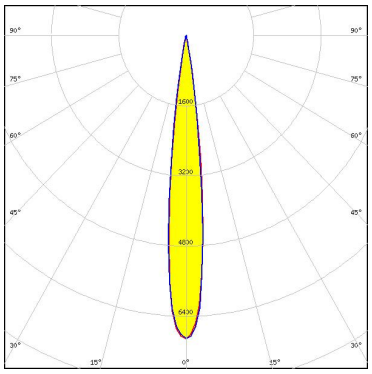
Light distribution files

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OPTICAL RESULTS (SIMULATED):

CITIZEN

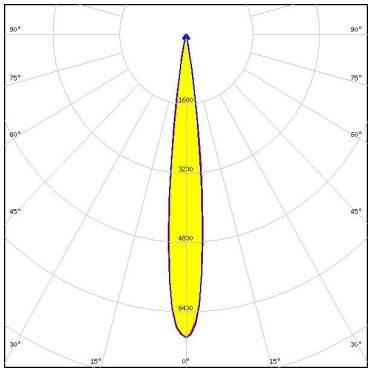
LED	CLU7S3
Ordering code	LP20340_YASMEEN-25-FR-S-B
FWHM / FWTM	12.0° / 20.0°
Efficiency	38 %
Peak intensity	7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CITIZEN

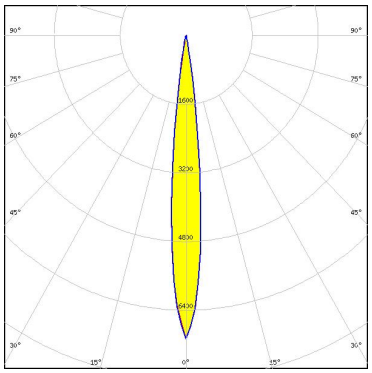
LED	CLU7S3
Ordering code	LP20341_YASMEEN-25-FR-S-B-WHT
FWHM / FWTM	12.0° / 20.0°
Efficiency	60 %
Peak intensity	7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	NV4WB35AM
Ordering code	LA20342_YASMEEN-25-FR-S
FWHM / FWTM	12.0° / 20.0°
Efficiency	34 %
Peak intensity	7.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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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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Hong Kong, China

Distribution Partners
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