YASMEEN-25-W

~35° 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-W	Single lens	PMMA	clear	gloss	

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

Downloaded from Arrow.com.

ORDERING INFORMATION:

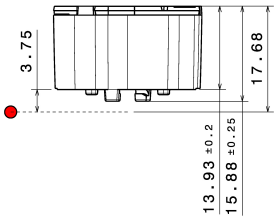
Component	Qty in box	MOQ	MPQ	Box weight (kg)
L20084_YASMEEN-25-W » Box size: 480 x 280 x 300 mm	1690	130	130	6.3
LP20096_YASMEEN-25-W-B-WHT » Box size: 480 x 280 x 300 mm	1690	130	130	8.4
LP20092_YASMEEN-25-W-B » Box size: 480 x 280 x 300 mm	1690	130	130	8.4

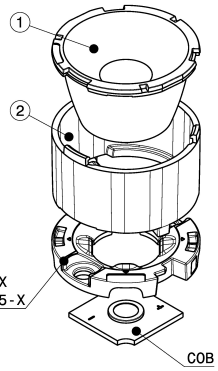
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

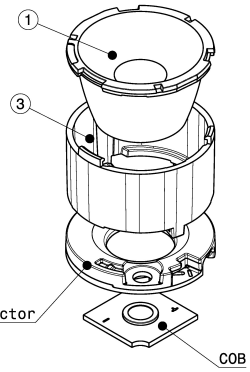
Downloaded from Arrow.com.

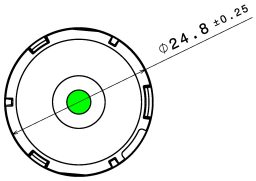
REV	DATE
001	08.05.2026

LP20092_YASMEEN-25-W-B
LP20096_YASMEEN-25-W-B-WHT









INDEX	PART	TYPE	COUNT	MATERIAL	COLOR	ASSEMBLY CODE
1	L20084_YASMEEN-25-W	LENS	1	PMMA	CLEAR	
2	HOLDER B	HOLDER	1			
	L20086_YASMEEN-25-HLD-B			PC	BLACK	LP20092_YASMEEN-25-W-B
	L20087_YASMEEN-25-HLD-B-WHT			PC	WHITE	LP20096_YASMEEN-25-W-B-WHT
3	HOLDER BZ	HOLDER	1			
	L20855_YASMEEN-25-HLD-BZ			PC	BLACK	LP20859_YASMEEN-25-W-BZ
	L20856_YASMEEN-25-HLD-BZ-WHT			PC	WHITE	LP20864_YASMEEN-25-W-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:

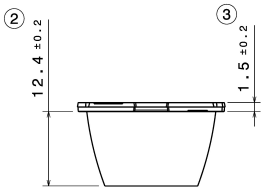
This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.

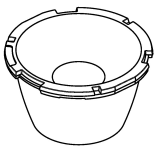
SCALE 2:1 | WEIGHT | A3 SHEET 1/1

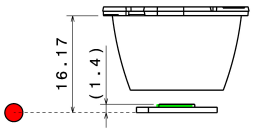
Notes

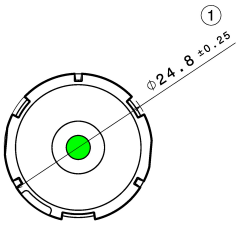
PCB bottom / heatsink level
LED location
Ensure LED fitting from a product specific 3D model available from www.ledil.com
For more details about installation please see LEDiL Installation Guide on www.ledil.com

REV	DATE
001	08.05.2026









PART	TYPE	MATERIAL	COLOR
L20084_YASMEEN-25-W_005_MechanicalModel_001	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:

This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.

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

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

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

Downloaded from Arrow.com.

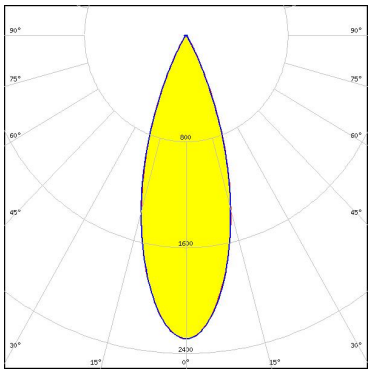
OPTICAL RESULTS (MEASURED):

CITIZEN

LED	CLU700/701/702/703
Ordering code	LP20092_YASMEEN-25-W-B
FWHM / FWTM	35.0° / 56.0°
Efficiency	84 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
L20109_SOCKET-B-25-C





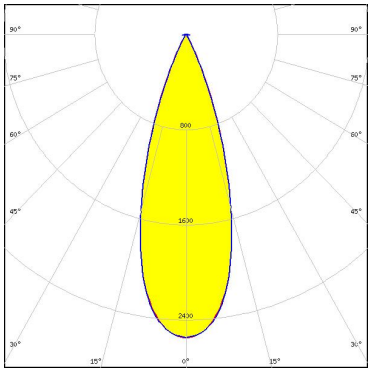
Light distribution files

CITIZEN

LED	CLU7A2/7A3
FWHM / FWTM	34.0° / 52.0°
Efficiency	85 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
L20109_SOCKET-B-25-C





Light distribution files

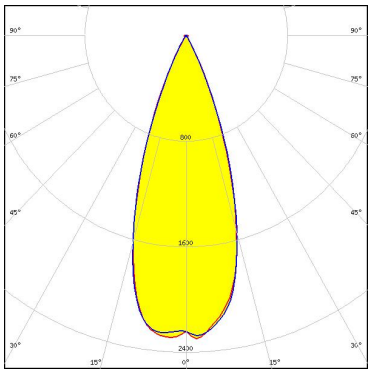
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

Downloaded from Arrow.com.

OPTICAL RESULTS (SIMULATED):

bridgelux

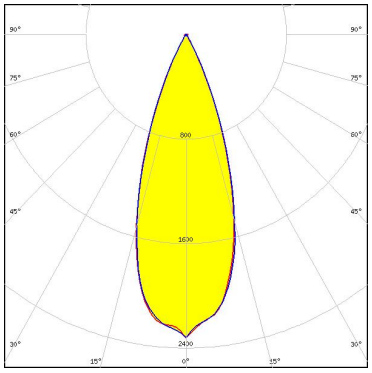
LED	V3 HD Gen 8
Ordering code	LP20092_YASMEEN-25-W-B
FWHM / FWTM	37.0° / 54.0°
Efficiency	86 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20108_SOCKET-B-25-A	



Light distribution files

bridgelux

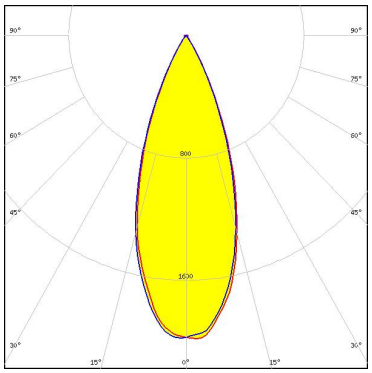
LED	V4 HD Gen 8
Ordering code	LP20092_YASMEEN-25-W-B
FWHM / FWTM	36.0° / 56.0°
Efficiency	86 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20108_SOCKET-B-25-A	



Light distribution files

bridgelux

LED	V6 HD Gen 8
Ordering code	LP20092_YASMEEN-25-W-B
FWHM / FWTM	38.0° / 60.0°
Efficiency	84 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20109_SOCKET-B-25-C	



Light distribution files

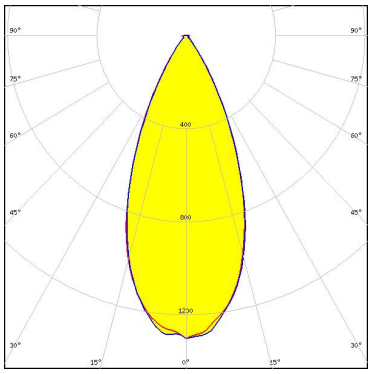
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

Downloaded from Arrow.com.

OPTICAL RESULTS (SIMULATED):

CITIZEN

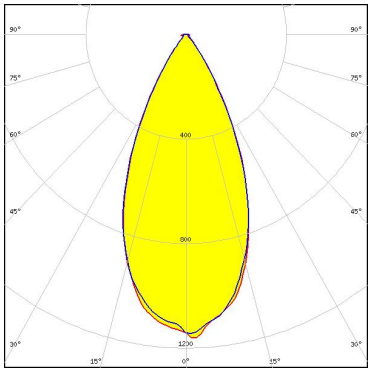
LED	CLU02Q-1203E1 Type-M
Ordering code	LP20092_YASMEEN-25-W-B
FWHM / FWTM	44.0° / 72.0°
Efficiency	79 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20109_SOCKET-B-25-C	



Light distribution files

CITIZEN

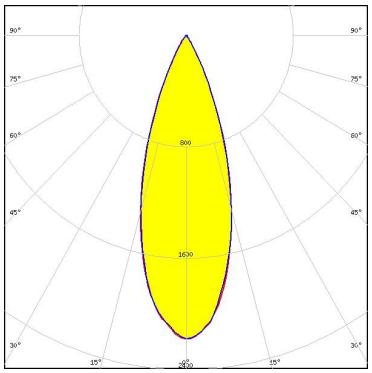
LED	CLU02x (LES10)
Ordering code	LP20092_YASMEEN-25-W-B
FWHM / FWTM	48.0° / 74.0°
Efficiency	77 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20109_SOCKET-B-25-C	



Light distribution files

CITIZEN

LED	CLU700/701/702/703
FWHM / FWTM	34.0° / 58.0°
Efficiency	83 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20109_SOCKET-B-25-C	



Light distribution files

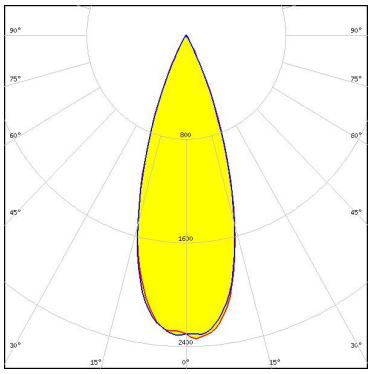
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

Downloaded from Arrow.com.

OPTICAL RESULTS (SIMULATED):

CITIZEN

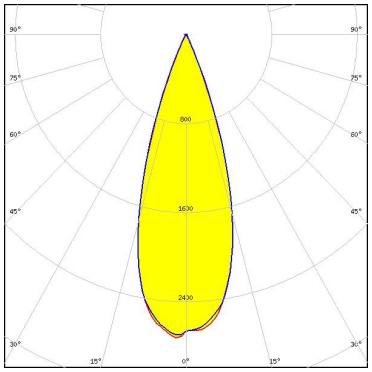
LED	CLU7A2/7A3
FWHM / FWTM	36.0° / 54.0°
Efficiency	85 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20109_SOCKET-B-25-C	



Light distribution files

CITIZEN

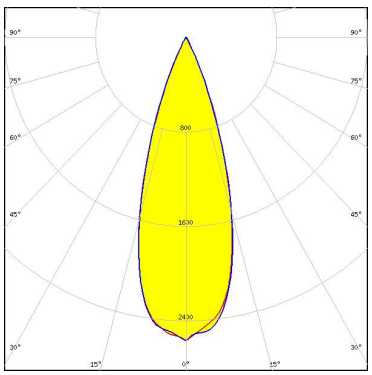
LED	CLU7L3
FWHM / FWTM	34.0° / 50.0°
Efficiency	85 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20106_SOCKET-B-25-N	



Light distribution files

CITIZEN

LED	CLU7S3
FWHM / FWTM	34.0° / 52.0°
Efficiency	85 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20106_SOCKET-B-25-N	



Light distribution files

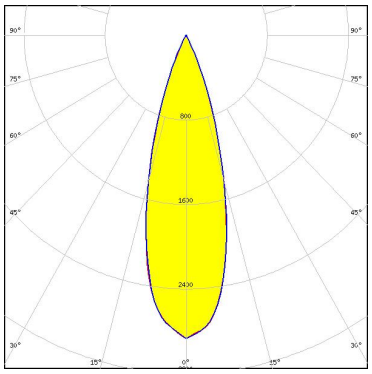
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

Downloaded from Arrow.com.

OPTICAL RESULTS (SIMULATED):

NICHIA

LED	NV4WB35AM
Ordering code	LA20100_YASMEEN-25-W
FWHM / FWTM	30.0° / 50.0°
Efficiency	78 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

Downloaded from Arrow.com.

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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

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

Shipping locations
Poznan, Poland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

Downloaded from Arrow.com.