

## YASMEEN-25-FR-S

~9° ultra-narrow spot beam

### SPECIFICATION:

Dimensions	Ø 24.8
Height	15.9 mm
ROHS compliant	yes ⓘ

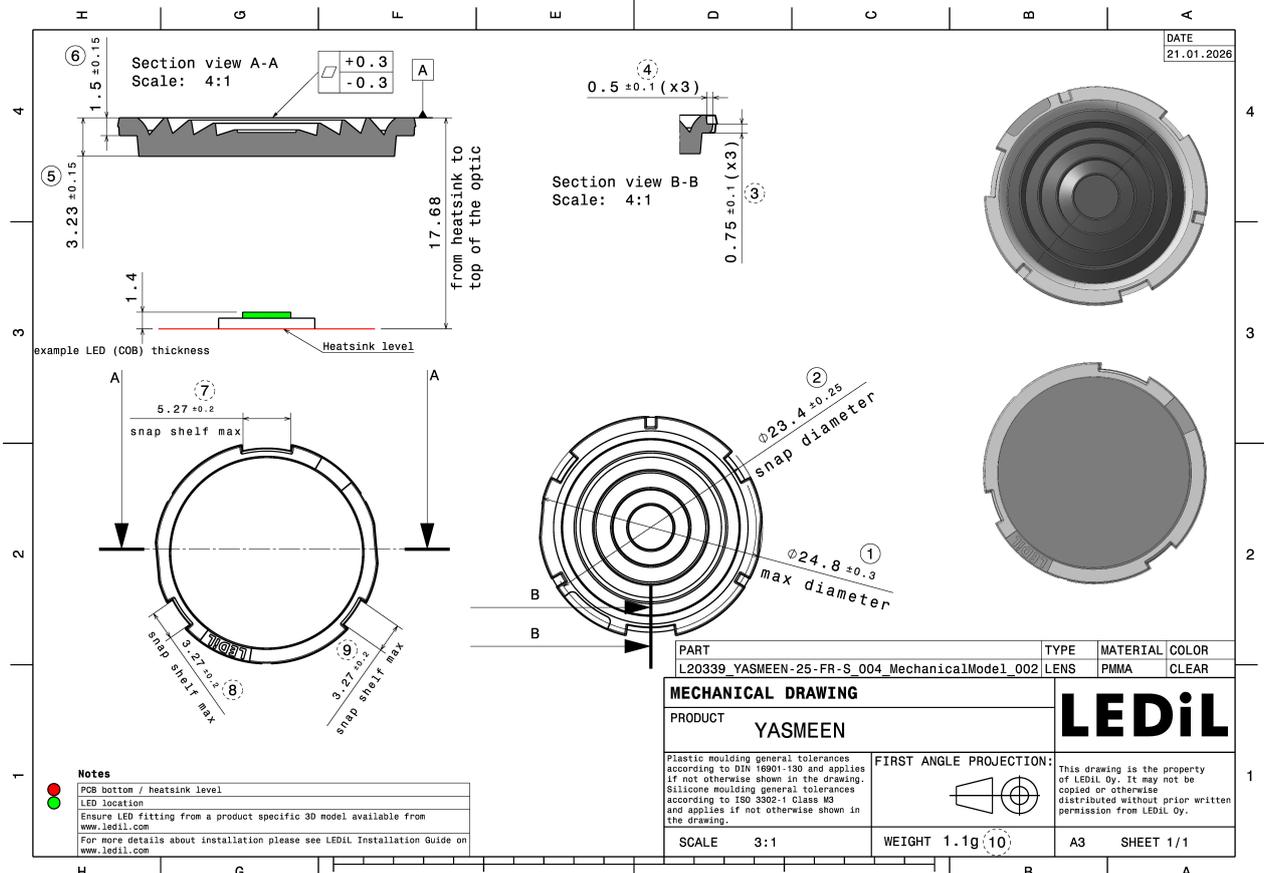
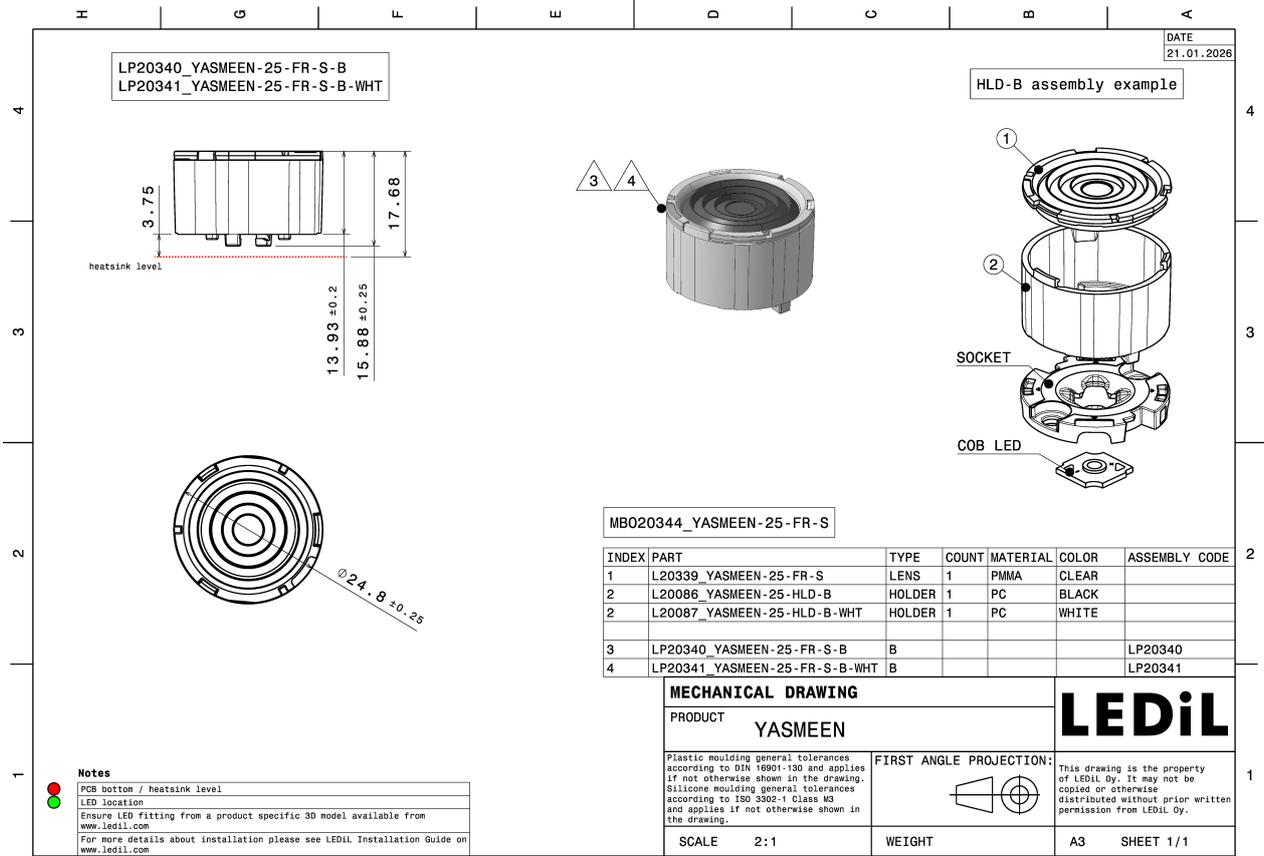
### MATERIALS:

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



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
L20339_YASMEEN-25-FR-S	3380		130	5.1
<b>Assembly</b>				
LP20341_YASMEEN-25-FR-S-B-WHT	1690		130	5.1
LP20340_YASMEEN-25-FR-S-B	1690		130	5.1

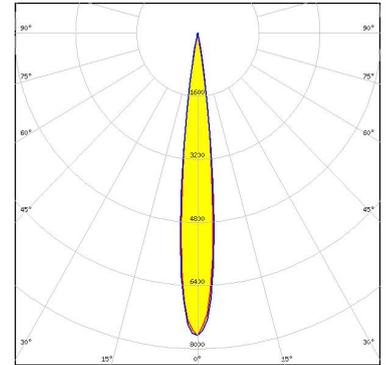


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (SIMULATED):



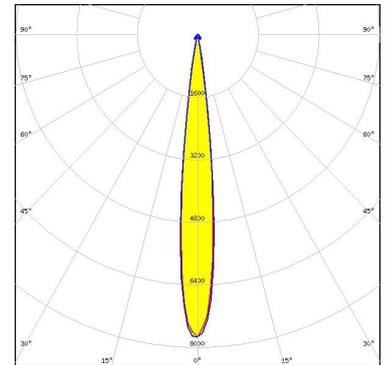
**LED** V3 HD Gen 8  
**Ordering code** LP20340\_YASMEEN-25-FR-S-B  
**FWHM / FWTM** 12.0° / 20.0°  
**Efficiency** 39 %  
**Peak intensity** 7.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



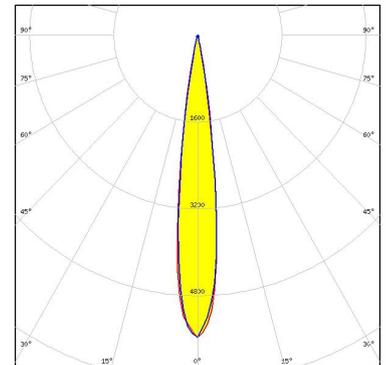
**LED** V3 HD Gen 8  
**Ordering code** LP20341\_YASMEEN-25-FR-S-B-WHT  
**FWHM / FWTM** 12.0° / 20.0°  
**Efficiency** 62 %  
**Peak intensity** 7.8 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files

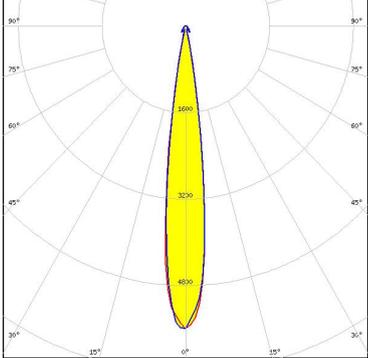


**LED** V4 HD Gen 8  
**Ordering code** LP20340\_YASMEEN-25-FR-S-B  
**FWHM / FWTM** 14.0° / 22.0°  
**Efficiency** 39 %  
**Peak intensity** 5.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**

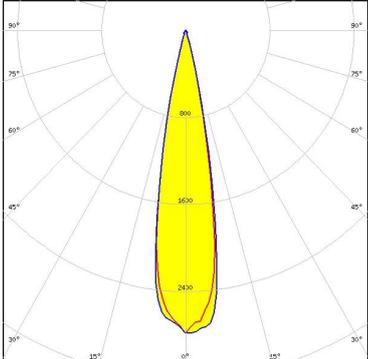


Light distribution files

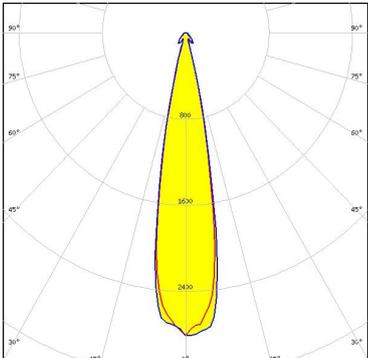
### OPTICAL RESULTS (SIMULATED):

		
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/m	
LEDs/each optic	1	
Light colour/type	White	
Required components:		

Light distribution files

<h2>CITIZEN</h2>		
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/m	
LEDs/each optic	1	
Light colour/type	White	
Required components:		

Light distribution files

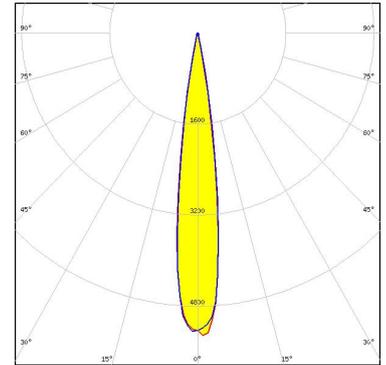
<h2>CITIZEN</h2>		
LED	CLU700/701/702/703	
Ordering code	LP20341_YASMEEN-25-FR-S-B-WHT	
FWHM / FWTM	20.0° / 31.0°	
Efficiency	58 %	
Peak intensity	2.9 cd/m	
LEDs/each optic	1	
Light colour/type	White	
Required components:		

Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

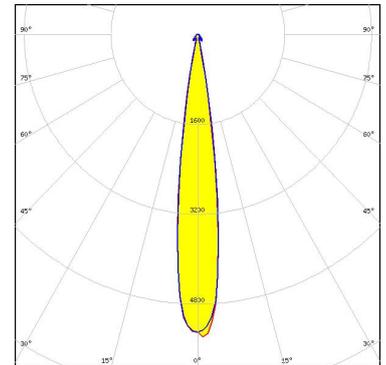
LED CLU7A2/7A3  
Ordering code LP20340\_YASMEEN-25-FR-S-B  
FWHM / FWTM 14.0° / 23.0°  
Efficiency 38 %  
Peak intensity 5.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### CITIZEN

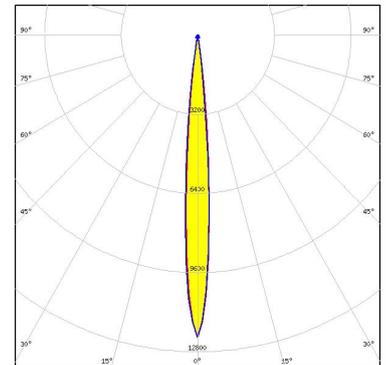
LED CLU7A2/7A3  
Ordering code LP20341\_YASMEEN-25-FR-S-B-WHT  
FWHM / FWTM 14.0° / 24.0°  
Efficiency 61 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



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:

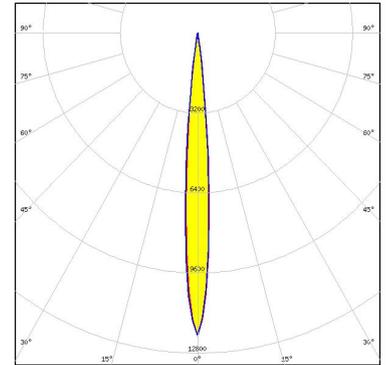


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

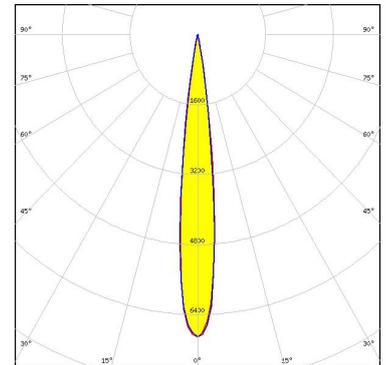
LED	CLU7L3
Ordering code	LP20340_YASMEEN-25-FR-S-B
FWHM / FWTM	9.0° / 16.0°
Efficiency	38 %
Peak intensity	12.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

#### CITIZEN

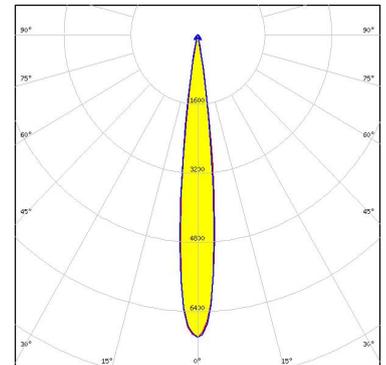
LED	CLU7S3
Ordering code	LP20340_YASMEEN-25-FR-S-B
FWHM / FWTM	12.0° / 20.0°
Efficiency	38 %
Peak intensity	7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



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:	

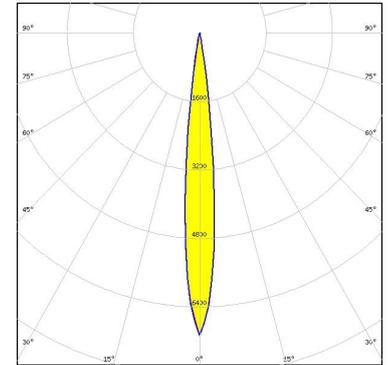


Light distribution files

### OPTICAL RESULTS (SIMULATED):



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

### 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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