

# PRODUCT DATASHEET YASMEEN-35-M

## **YASMEEN-35-M**

~26° spot beam

#### **SPECIFICATION:**

Dimensions	Ø 35.0 mm
Height	18 mm
Fastening	socket
ROHS compliant	yes 🛈



Colour

clear

black

white

### **MATERIALS:**

Component YASMEEN-35-M YASMEEN-35-HLD-B YASMEEN-35-HLD-B-WHT

**Type** Single lens Holder B Holder B

Material	
PMMA	
PC	
PC	

**Finish** gloss

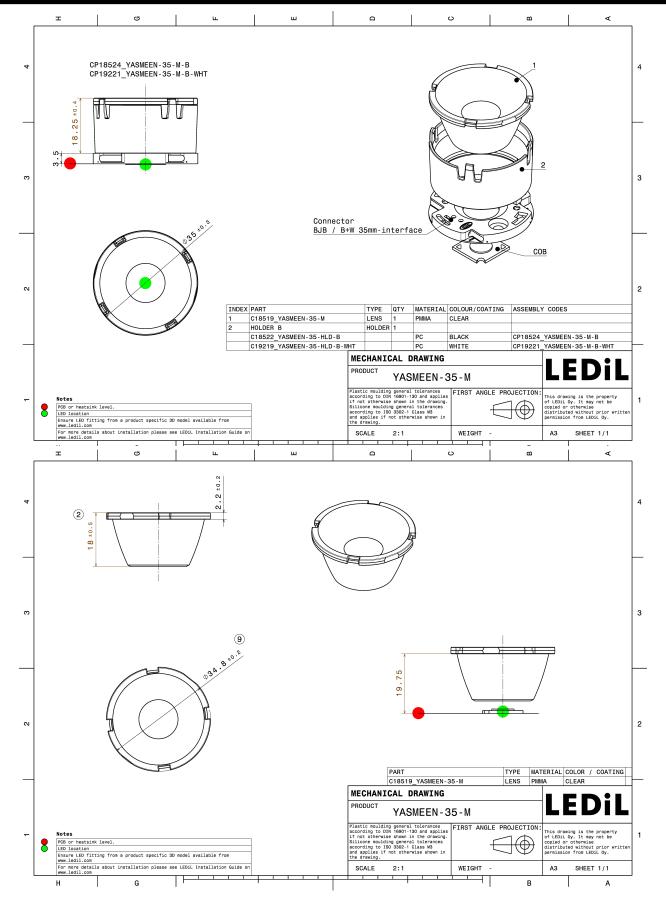


#### **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18519_YASMEEN-35-M	840	120	60	8.3
Assembly				
CP19221_YASMEEN-35-M-B-WHT	780	120	60	9.5
CP18524_YASMEEN-35-M-B	780	120	60	9.9



## PRODUCT DATASHEET YASMEEN-35-M



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



## **OPTICAL RESULTS (MEASURED):**

CITIZE	<b>N</b>	90* 90*
LED Ordering code	CLU7L3 CP18524_YASMEEN-35-M-B	27 27
FWHM / FWTM	21.0° / 33.0°	
Efficiency	91 %	0°* 0°*
Peak intensity	6.4 cd/lm	
LEDs/each optic	1	gr at
Light colour	White	
Required compone	ents:	
C19425_SOCK	ET-B-35-N	
		30.0 500 30.0
		325 O <sub>4</sub> 322,
SAMS	ING	94
	1 00100 00	
	LC010C G2	73*
FWHM / FWTM	22.0° / 38.0°	3
FWHM / FWTM Efficiency	22.0° / 38.0° 87 %	50° 500 50°
FWHM / FWTM Efficiency Peak intensity	22.0° / 38.0°	272 (6)* 500 (6)*
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	22.0° / 38.0° 87 % 5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	22.0° / 38.0° 87 % 5 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	22.0° / 38.0° 87 % 5 cd/lm 1 White ents:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	22.0° / 38.0° 87 % 5 cd/lm 1 White ents:	



bridgelux. LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634b E	V10 Gen 8-9 CP18524_YASMEEN-35-M-B 34.0° / 55.0° 89 % 2.6 cd/lm 1 White Bayonet35L	30, 32, 0, 32, 34,   20, 203, 24, 26, 26,   21, 703, 64, 26, 26,   22, 703, 64, 26, 26,   24, 703, 64, 26, 26,   24, 703, 64, 26, 26,   24, 700, 64, 26, 26,   25, 70, 96, 26, 26,   26, 70, 70, 26, 26,   26, 70, 70, 70, 70,   26, 70, 70, 70, 70,   26, 70, 70, 70, 70,
bridgetux. LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020	V4 HD Gen 7 CP18524_YASMEEN-35-M-B 26.0° / 38.0° 90 % 5 cd/lm 1 White	21, 21, 21, 21, 22, 20, 20, 20, 20, 20, 20, 20
bridgelux LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634c B	V6 HD Gen 8 CP18524_YASMEEN-35-M-B 28.0° / 45.0° 91 % 3.9 cd/lm 1 White Bayonet35L	200 200 200 200 200 200 200 200
bridgelux. LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652b E	Vesta DTW 6mm CP18524_YASMEEN-35-M-B 28.0° / 46.0° 90 % 3.7 cd/lm 1 White Bayonet35L	20, 20, 20, 20, 20, 20, 20, 20, 20, 20,



bridgelux. LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652b E	Vesta DTW 9mm (4W/6W/12W) CP18524_YASMEEN-35-M-B 31.0° / 50.0° 90 % 3.2 cd/lm 1 White Bayonet35L	94 95 75 64 67 95 95 95 95 95 95 95 95 95 95 95 95 95
CITTIZEN LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020	CLL02x/CLU02x (LES10) CP18524_YASMEEN-35-M-B 32.0° / 53.0° 86 % 2.6 cd/lm 1 White	24* 25* 25*   26* 26* 27*
CITTIZEN LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020	CLU7A2/7A3 CP18524_YASMEEN-35-M-B 24.0° / 38.0° 89 % 5.3 cd/lm 1 White	22, 6, 22, 6, 6, 2, 6, 6, 6, 2, 6, 6, 6, 7, 7, 100, 6, 7, 7, 7, 100, 6, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,
CITTIZEN LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020	CLU7B2 CP18524_YASMEEN-35-M-B 24.0° / 36.0° 89 % 5.2 cd/lm 1 White	5° 5° 5° 5° 500 500 500 500 500 500 500



CITTIZEN LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C19425_SOCKET-B-	CLU7S3 CP18524_YASMEEN-35-M-B 24.0° / 37.0° 88 % 5.2 cd/lm 1 White 35-N	200 00° 50° 50° 50° 50° 50° 50° 50°
CREE LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020	CHA0304 CP18524_YASMEEN-35-M-B 24.0° / 36.0° 89 % 5.4 cd/lm 1 White	30. 13. 6. 32.   60. 620 64.   100 60. 65.
CREE Constructions LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020	CHA0410 CP18524_YASMEEN-35-M-B 24.0° / 38.0° 89 % 5.2 cd/lm 1 White	23° 6° 6° 500 6° 500 6° 6° 500 6° 6° 6° 6°
CREE LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020	CHA0612 CP18524_YASMEEN-35-M-B 26.0° / 42.0° 89 % 4.5 cd/lm 1 White	200 50, 50, 50, 50, 50, 50, 50, 5



🥙 LUMILE	EDS	90°
LED	LUXEON CX Plus CoB - HD S01H4	
Ordering code	CP18524_YASMEEN-35-M-B	75*
FWHM / FWTM	28.0° / 42.0°	604
Efficiency	91 %	
Peak intensity	4.3 cd/lm	
LEDs/each optic	1	93*
Light colour	White	
Required component	s:	
		30°
	DS	
	EDS	
LED	LUXEON CX Plus CoB - HD S02H6	
		99 <sup>4</sup>
LED Ordering code	LUXEON CX Plus CoB - HD S02H6 CP18524_YASMEEN-35-M-B	99 <sup>4</sup>
LED Ordering code FWHM / FWTM	LUXEON CX Plus CoB - HD S02H6 CP18524_YASMEEN-35-M-B 27.0° / 46.0°	99 <sup>4</sup>
LED Ordering code FWHM / FWTM Efficiency Peak intensity	LUXEON CX Plus CoB - HD S02H6 CP18524_YASMEEN-35-M-B 27.0° / 46.0° 91 %	90°
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON CX Plus CoB - HD S02H6 CP18524_YASMEEN-35-M-B 27.0° / 46.0° 91 % 4 cd/lm	94 95 90
LED Ordering code FWHM / FWTM Efficiency	LUXEON CX Plus CoB - HD S02H6 CP18524_YASMEEN-35-M-B 27.0° / 46.0° 91 % 4 cd/lm 1 White	94 75 94

Bender Wirth: 634c Bayonet35L
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UMILEDS		90*
LED Ordering code	LUXEON CX Plus CoB - HD S04H9 CP18524_YASMEEN-35-M-B	77
FWHM / FWTM	34.0° / 54.0°	60°
Efficiency	89 %	
Peak intensity	2.6 cd/lm	
LEDs/each optic	1	5 <sup>4</sup> <u>- 16</u>
Light colour	White	
Required components:		
Bender Wirth: 634	a Bayonet35L	30*

#### UMILEDS LED LUXEON CX Plus CoB S01 (Gen2) Ordering code CP18524\_YASMEEN-35-M-B FWHM / FWTM 26.0° / 43.0° Efficiency 91 % Peak intensity 4.3 cd/lm LEDs/each optic 1 White Light colour Required components: Bender Wirth: 634c Bayonet35L



	US	90* A 90*
LED	CXM-3	
Ordering code	CP18524_YASMEEN-35-M-B	75
FWHM / FWTM	26.0° / 38.0°	
Efficiency	92 %	60°
Peak intensity	4.9 cd/lm	$  \times / /   \times \times$
LEDs/each optic	1	92 <sup>4</sup> 62 <sup>6</sup>
Light colour	White	- 3230
Required components:		
Bender Wirth: 634a		
Dender Wirth. 004a i	DayonetooL	
		30°
		90* 90*
LED	CXM-3	75.
Ordering code	CP18524_YASMEEN-35-M-B	
FWHM / FWTM	26.0° / 38.0°	60° 5600 5600
Efficiency	92 %	
Peak intensity	4.9 cd/lm	
LEDs/each optic	1	45 <sup>4</sup> 45 <sup>4</sup>
Light colour	White	
Required components:		
Bender Wirth: 634a I	Bayonet35L	
		36* 36*
		15 <sup>4</sup> 0 <sup>6</sup> 25 <sup>5</sup>
	US	90° 90°
		30*
LED	CXM-4	35
LED Ordering code	CXM-4 CP18524_YASMEEN-35-M-B	59 <sup>4</sup> 59 <sup>3</sup>
LED Ordering code FWHM / FWTM	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0°	50° 50° 73° 75° 60° 100 60°
LED Ordering code FWHM / FWTM Efficiency	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 %	50°
LED Ordering code FWHM / FWTM Efficiency Peak intensity	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm	5 5 5 5 5 5 5 5 5 5 5 5 5 5
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1	6. 6. 700 700 700 75 75 75 75 75 75
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1 White	6. 6. 700 700 700 70 70 70 70 70 70
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1 White	6. 6. 100 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1 White	55° 55°
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1 White	20° 6° 22° 6° 22° 2°
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634a B	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1 White Bayonet35L	30 <sup>-</sup> 127 0 <sup>+</sup> 127 ×
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634a B	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1 White Bayonet35L	
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634a B	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1 White Bayonet35L US CXM-6 (13.5x13.5)	30 <sup>-</sup> 127 0 <sup>+</sup> 127 ×
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634a B	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1 White Bayonet35L US CxM-6 (13.5x13.5) CP18524_YASMEEN-35-M-B	30 <sup>-</sup> 127 0 <sup>+</sup> 127 ×
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634a B	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1 White Bayonet35L US CxM-6 (13.5x13.5) CP18524_YASMEEN-35-M-B 25.0° / 41.0°	20° 125 0° 25°
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634a B	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1 White Bayonet35L US CxM-6 (13.5x13.5) CP18524_YASMEEN-35-M-B 25.0° / 41.0° 89 %	30 <sup>-</sup> 127 0 <sup>+</sup> 127 ×
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634a B ED Ordering code FWHM / FWTM Efficiency Peak intensity	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1 White Bayonet35L US CxM-6 (13.5x13.5) CP18524_YASMEEN-35-M-B 25.0° / 41.0° 89 % 4.6 cd/lm	
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634a B Ender Wirth: 634a B Cordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1 White Bayonet35L US CXM-6 (13.5x13.5) CP18524_YASMEEN-35-M-B 25.0° / 41.0° 89 % 4.6 cd/lm 1	
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634a B ED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1 White Bayonet35L US CXM-6 (13.5x13.5) CP18524_YASMEEN-35-M-B 25.0° / 41.0° 89 % 4.6 cd/lm 1 White	
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634a B Ender Wirth: 634a B Cordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1 White Bayonet35L US CXM-6 (13.5x13.5) CP18524_YASMEEN-35-M-B 25.0° / 41.0° 89 % 4.6 cd/lm 1 White	
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634a B Contering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1 White Bayonet35L US CXM-6 (13.5x13.5) CP18524_YASMEEN-35-M-B 25.0° / 41.0° 89 % 4.6 cd/lm 1 White	
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634a B Cordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CXM-4 CP18524_YASMEEN-35-M-B 24.0° / 39.0° 91 % 5 cd/lm 1 White Bayonet35L US CXM-6 (13.5x13.5) CP18524_YASMEEN-35-M-B 25.0° / 41.0° 89 % 4.6 cd/lm 1 White	



### **ØNICHIA**

LED	COB S-Type (LES 6)
Ordering code	CP18524_YASMEEN-35-M-B
FWHM / FWTM	28.0° / 44.0°
Efficiency	91 %
Peak intensity	4.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
Bender Wirth: 652a B	avonet35L

### **ØNICHIA**

LED	COB S-Type (LES 7)
Ordering code	CP18524_YASMEEN-35-M-B
FWHM / FWTM	28.0° / 46.0°
Efficiency	91 %
Peak intensity	3.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
Pender Wirth: 652a Peyenet251	

#### Bender Wirth: 652a Bayonet35L

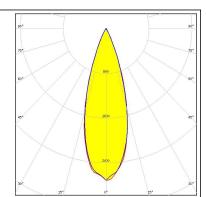


#### SAMSUNG I ED

LLD	
Ordering code	
FWHM / FWTM	
Efficiency	
Peak intensity	
LEDs/each optic	
Light colour	
Required components:	
BJB: 47.360.1020	

1

LC003D / LC006D / LC009D / LC013D CP18524\_YASMEEN-35-M-B 32.0° / 52.0° 87 % 2.7 cd/lm White





#### **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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