

YASMEEN-70-RS

~10° spot beam

SPECIFICATION:

Dimensions	Ø 70.0 mm
Height	38.4 mm
Fastening	socket
ROHS compliant	yes 🛈



MATERIALS:

Component YASMEEN-70-RS YASMEEN-70-HLD2-C YASMEEN-70-HLD2-B YASMEEN-70-HLD2-C-WHT YASMEEN-70-HLD2-B-WHT **Type** Single lens Holder C Holder B Holder C Holder B

Material	Colour	Finish
PMMA	clear	
PC	black	
PC	black	
PC	white	
PC	white	

PRODUCT DATASHEET YASMEEN-70-RS

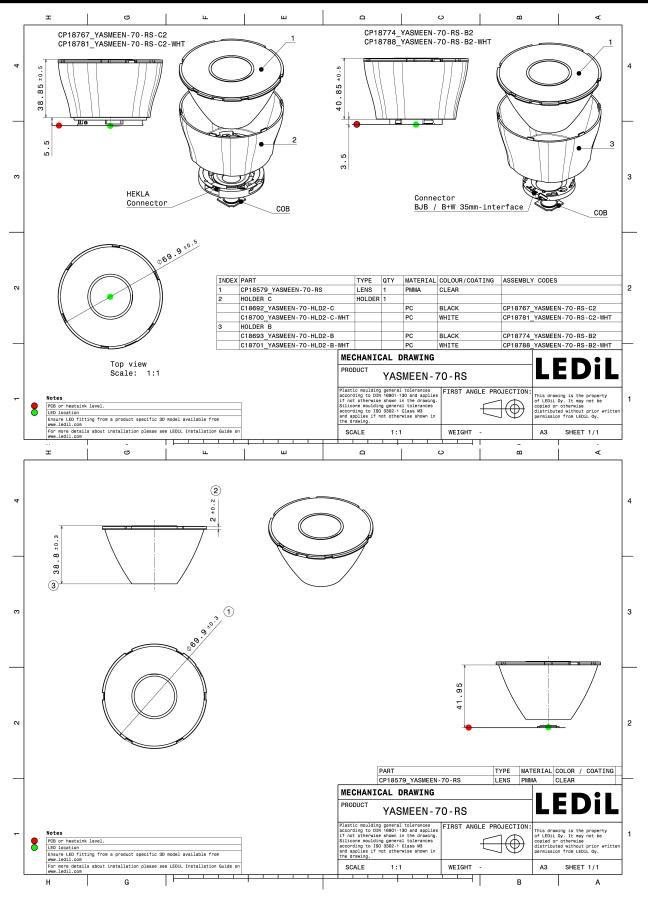


ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP18579_YASMEEN-70-RS	105	105	15	9.3
Assembly				
CP18788_YASMEEN-70-RS-B2-WHT	105	105	15	11.0
CP18781_YASMEEN-70-RS-C2-WHT	105	105	15	10.9
CP18774_YASMEEN-70-RS-B2	105	105	15	11.0
CP18767_YASMEEN-70-RS-C2	105	105	15	10.6



PRODUCT DATASHEET YASMEEN-70-RS



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

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OPTICAL RESULTS (MEASURED):

S ΛΜS	JNG	30°
LED Ordering code FWHM / FWTM Efficiency Peak intensity	LC010C G2 CP18767_YASMEEN-70-RS-C2 10.0° / 18.0° 88 % 24.2 cd/lm	61 25 26 26 27
LEDs/each optic Light colour Required compone F17435_HEKLA		0 1 1 1 1 1 1 1 1



bridgelux. LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO	Vesta SE 13mm TW CP18767_YASMEEN-70-RS-C2 18.0° / 36.0° 86 % 6.9 cd/lm 1 Tunable White CKET-K	30, 32, 6, 32, 9, 60, 60, 60, 60, 60, 100, 100, 60, 60, 60, 100, 100, 60, 60, 60, 100, 100, 100, 60, 60, 100, 100, 100, 60, 60, 100, 100, 100, 100, 10,
CITTIZEN LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17435_HEKLA-G2	CLL02x/CLU02x (LES10) CP18781_YASMEEN-70-RS-C2-WHT 16.0° / 26.0° 93 % 11.8 cd/lm 1 White	30 30 30 30 30 30 30 30 30 30
CITTIZEN LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020	CLL02x/CLU02x (LES10) CP18788_YASMEEN-70-RS-B2-WHT 16.0° / 26.0° 93 % 11.9 cd/lm 1 White	Na. Na. Na. Na. 39, 900 900 900 60, 900 900 900 60, 900 900 900 13,0 900 900 900 13,0 900 900 900 13,0 900 900 900 13,0 900 900 900
CITTIZEN LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17435_HEKLA-G2	CLL02x/CLU02x (LES10) CP18767_YASMEEN-70-RS-C2 17.0° / 30.0° 90 % 8.5 cd/lm 1 White	91 ⁴ 91 ⁴ 77 95 97 97 97 97 90 90 97 97 90



CITIZEN LED CLL02x/CLU02x (LES10) Ordering code CP18579_YASMEEN-70-RS FWHM / FWTM 16.0° / 26.0° Efficiency 95 % Peak intensity 11.7 cd/lm LEDs/each optic 1 Light colour White Required components: **CITIZEN** 90 LED CLL02x/CLU02x (LES10) Ordering code CP18774_YASMEEN-70-RS-B2 FWHM / FWTM 16.0° / 26.0° Efficiency 90 % 12 cd/lm Peak intensity LEDs/each optic 1 White Light colour Required components: BJB: 47.360.1020 **CITIZEN** 9 LED CLU700/701/702/703 Ordering code CP18579_YASMEEN-70-RS FWHM / FWTM 10.0° / 18.0° Efficiency 95 % Peak intensity 24.2 cd/lm LEDs/each optic 1 Light colour White Required components: **CITIZEN** LED CLU700/701/702/703 Ordering code CP18774_YASMEEN-70-RS-B2 FWHM / FWTM 10.0° / 18.0° Efficiency 90 % Peak intensity 24.1 cd/lm LEDs/each optic 1 White Light colour Required components: BJB: 47.360.1020

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OPTICAL RESULTS (SIMULATED):

LED	U
Ordering code	С
FWHM / FWTM	1(
Efficiency	93
Peak intensity	24
LEDs/each optic	1
Light colour	Ν
Required components:	
F17435_HEKLA-G2-	С

CLU700/701/702/703 CP18781_YASMEEN-70-RS-C2-WHT 0.0° / 18.0° 93 % 24.1 cd/lm Vhite

CITIZEN

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

CLU700/701/702/703 CP18788_YASMEEN-70-RS-B2-WHT 10.0° / 18.0° 93 % 24.2 cd/lm 1 White

CITIZEN

LED	CLU
Ordering code	CP1
FWHM / FWTM	8.0°
Efficiency	94 %
Peak intensity	36.6
LEDs/each optic	1
Light colour	Whit
Required components:	

	90°
CLU7A2/7A3	75°
CP18579_YASMEEN-70-RS	251
8.0° / 16.0°	60°
94 %	$\sum_{i=1}^{n}$
36.6 cd/lm	\rightarrow
1	45°
White	

CITIZEN	N	90°
LED	CLU7A2/7A3	75
Ordering code	CP18774_YASMEEN-70-RS-B2	
FWHM / FWTM	8.0° / 16.0°	660 2000 60*
Efficiency	90 %	
Peak intensity	36.6 cd/lm	
LEDs/each optic	1	¢* \$
Light colour	White	
Required components	S:	
BJB: 47.360.1020		
		30" 30"



CITIZEN	
LED	CLU7A2/7A3
Ordering code	CP18781_YASMEEN-70-RS-C2-WHT
FWHM / FWTM	8.0° / 16.0°
Efficiency	93 %
Peak intensity	36.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
F17435_HEKLA-G2-	C

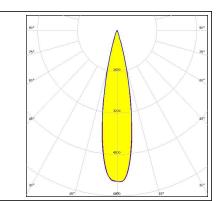
CITIZEN LED CLU7A2/7A3 Ordering code CP18788_YASMEEN-70-RS-B2-WHT FWHM / FWTM 8.0° / 16.0° 93 % Efficiency Peak intensity 36.9 cd/lm LEDs/each optic 1 White Light colour Required components: BJB: 47.360.1020

CITIZEN	V	90* A 90*
LED	CLU7S3	21 27
Ordering code	CP18788_YASMEEN-70-RS-B2-WHT	
FWHM / FWTM	8.0° / 16.0°	60° 60°
Efficiency	93 %	
Peak intensity	37.9 cd/lm	
LEDs/each optic	1	g
Light colour	White	
Required component	S:	
Bender Wirth: 667	a Bayonet35	\times \wedge \times
		34 3300 34

CITIZEN	N	50° A	904
LED	CLU7S3		1
Ordering code	CP18774_YASMEEN-70-RS-B2		
FWHM / FWTM	8.0° / 16.0°	60°	
Efficiency	90 %		
Peak intensity	37.6 cd/lm		
LEDs/each optic	1	93 ⁴	45
Light colour	White		
Required component	is:		
Bender Wirth: 667	a Bayonet35	\times	
		700 3000	+



LED	CMA1840
Ordering code	CP18767_YASMEEN-70-RS-C2
FWHM / FWTM	22.0° / 36.0°
Efficiency	89 %
Peak intensity	5.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
Bender Wirth: 637a He	ekla



90

9

CREE ≑

Ordering code

Peak intensity

Light colour

LEDs/each optic

Required components: F17439_HEKLA-G2-J

Efficiency

FWHM / FWTM

LED

LEDS	
LED	CMU15xx
Ordering code	CP18767_YASMEEN-70-RS-C2
FWHM / FWTM	20.0° / 36.0°
Efficiency	89 %
Peak intensity	6.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
F17438_HEKLA-G2-I	



SVMSON	NG	90 ⁺	90*
LED	LC003D / LC006D / LC009D / LC013D		
Ordering code	CP18788_YASMEEN-70-RS-B2-WHT	\wedge	\sim 7
FWHM / FWTM	16.0° / 26.0°	60*	0 K K 60°
Efficiency	92 %	X / H	$ \setminus X $
Peak intensity	11.1 cd/lm		
LEDs/each optic	1	43°	
Light colour	White		
Required components:			
BJB: 47.360.1020			
		300	30°
		15° 0°	15*



SAMSUNG LED Ordering code CP18579_YASMEEN-70-RS FWHM / FWTM 16.0° / 26.0° Efficiency 95 %

1

1

Peak intensity LEDs/each optic Light colour Required components: LC003D / LC006D / LC009D / LC013D 11.3 cd/lm White

SAMSUNG

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

LC003D / LC006D / LC009D / LC013D CP18774_YASMEEN-70-RS-B2 16.0° / 26.0° 89 % 11.1 cd/lm White

SAMSUNG LED

Ordering code FWHM / FWTM Efficiency 88 % Peak intensity LEDs/each optic 1 White Light colour Required components:

LC003D / LC006D / LC009D / LC013D CP18767_YASMEEN-70-RS-C2 16.0° / 26.0° 11.4 cd/lm

F17435_HEKLA-G2-C

SAMSUNG LED LC003D / LC006D / LC009D / LC013D

Last update: 19/12/2023

CP18767_YASMEEN-70-RS-C2 Ordering code FWHM / FWTM Efficiency 90 % Peak intensity 11.3 cd/lm LEDs/each optic 1 White Light colour Required components: F17435_HEKLA-G2-C

16.0° / 26.0°

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SAMSUN LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17435_HEKLA-G2-0	LC003D / LC006D / LC009D / LC013D CP18781_YASMEEN-70-RS-C2-WHT 16.0° / 26.0° 93 % 11.2 cd/lm 1 White	20° 20° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6
SAMSUN LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17438_HEKLA-G2-	LC016D / LC019D / LC026D / LC033D CP18767_YASMEEN-70-RS-C2 22.0° / 38.0° 86 % 5.5 cd/lm 1 White	30 30 50 50 50 50 50 50 50 50 50 5
SAMSUN LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17438_HEKLA-G2-I	LC016D / LC019D / LC026D / LC033D CP18767_YASMEEN-70-RS-C2 22.0° / 38.0° 88 % 5.3 cd/lm 1 White	30° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0°
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634b F	XOB 4mm CP18767_YASMEEN-70-RS-C2 8.0° / 14.0° 91 % 41.2 cd/lm 1 White	34° 39°



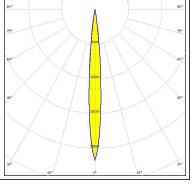
XICATO

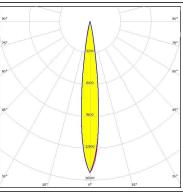
LED	XOB 6 mm
Ordering code	CP18767_YASMEEN-70-RS-C2
FWHM / FWTM	10.0° / 18.0°
Efficiency	90 %
Peak intensity	27.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
Bender Wirth: 634b H	ekla

XICATO

LED
Ordering code
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour
Required components:
F17435_HEKLA-G2-0

XOB 9.8 mm CP18767_YASMEEN-70-RS-C2 14.0° / 24.0° 90 % 15.3 cd/lm 1 White







PRODUCT DATASHEET YASMEEN-70-RS

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 13 FI-24240 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

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