

# PRODUCT DATASHEET C17234\_YASMEEN-50-S

# **YASMEEN-50-S**

~15° spot beam

## **TECHNICAL SPECIFICATIONS:**

Dimensions	Ø 49.9 mm
Height	28.5 mm
ROHS compliant	yes 🛈



## **MATERIAL SPECIFICATIONS:**

Component YASMEEN-50-S **Type** Single lens

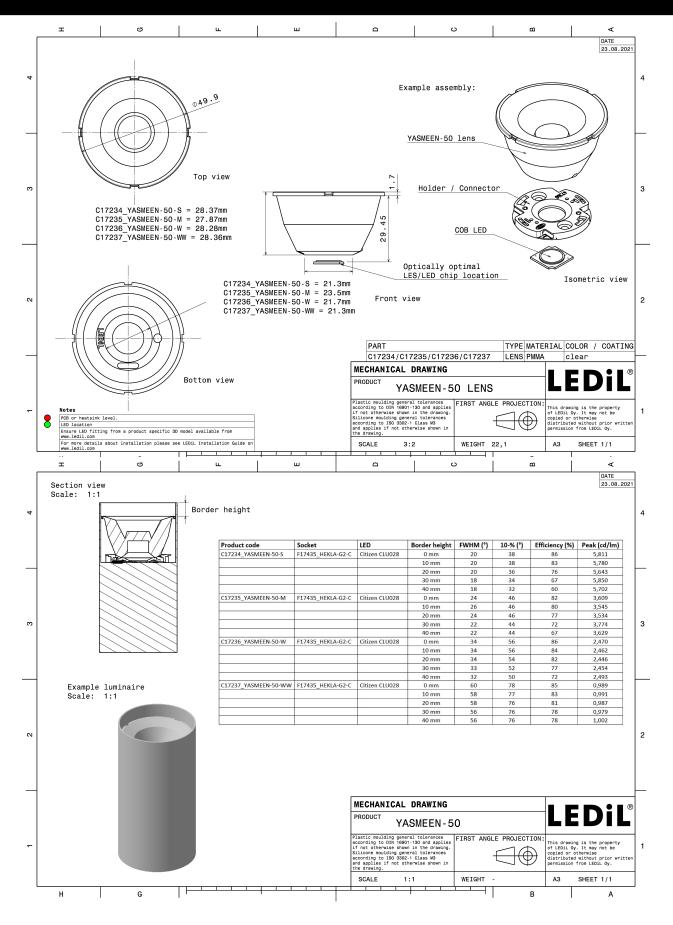
Material	Colour	Finish
PMMA	clear	

### **ORDERING INFORMATION:**

Component					
C17234_YASMEEN-50-S					
» Box size: 476 x 273 x 305 mm					

Qty in box	MOQ	MPQ	Box weight (kg)
252	112	28	7.0

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	Section view Scale: 1:1	Diameter											DATE 23.08.2021	1
4	Chamfer		Border	∿ height										4
-				Product code	Socket	LED	Diameter (mm)	Border height (mm)	Chamfer (*)	FWHM (*)	10-% (°)	Efficiency (%)	Peak (cd/lm)	H-
	[ [/	/ Treasury in the second s	/ /	C17234_YASMEEN-50-S	F17435_HEKLA-G2-C	Citizen CLU028	72	0 mm		20	38	86	5,811	
		/ <del>////////////////////////////////////</del>					72	10 mm	44	20	39	85	5,512	
	[ [/	//////////	/ /				72	20 mm 30 mm	44	20	38 39	85 84	5,757	
		' / / / / / / / / / /					72	40 mm	44	20	39	84	5,558	
	L [/	///////////	/ /	C17235 YASMEEN-50-M	F17435 HEKLA-G2-C	Citizen CLU028	72	0 mm		20	46	82	3,609	1
		· / / / / / / / / / / / /		circos_noncenso m	TTT ISS_ILENS I GE C	CIGLOID CLOULD	72	10 mm	63	24	46	81	3,666	
	[ [/	//////////	/ /				72	20 mm	63	25	46	80	3,566	3
							72	30 mm	63	26	46	80	3,534	13
	[ [/	//////////	/ /				72	40 mm	63	26	46	79	3,475	
		' / / / / / / / / / /		C17236_YASMEEN-50-W	F17435_HEKLA-G2-C	Citizen CLU028	82	0 mm		34	56	86	2,470	
	[ [ ] [ ]		/ /				82	10 mm 20 mm	71 71	34	56 56	86	2,461 2,427	
		' / / / / / / / / / /					82	20 mm 30 mm	71	34	56	85	2,427	
	Y/						82	40 mm	71	34	55	84	2,455	
				C17237_YASMEEN-50-WW	F17435 HEKLA-G2-C	Citizen CLU028	92	0 mm		60	78	85	0,989	
							92	10 mm	75,5	60	78	85	0,995	
							92	20 mm	75,5	59	78	84	0,985	
							92	30 mm	75,5	60	78	83	0,989	
	Example lumi Scale: 1:1	naire					92	40 mm	75,5	60	76	83	1,007	
2		C												2
														-
						MECH	IANICAL	DRAWING						7
						PRODU	YAS	SMEEN-50				- E I	Dil	
-						accordin if not o Silicone accordin	therwise shown moulding gener g to ISO 3302-1 ies if not othe	130 and applies in the drawing. al tolerances Class M3	IRST ANGL		D dis	s drawing is LEDiL Oy. It ded or otherw tributed with mission from	may not be ise out prior writter	1
						SCAL	.E 1:	1	WEIGHT -		7	A3 SHE	ET 1/1	
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See also our general installation guide: <u>www.ledil.com/installation\_guide</u>



## PHOTOMETRIC DATA (SIMULATED):

<b>CITIZEN</b>		90°
LED	CLL02x/CLU02x (LES10)	
FWHM / FWTM	18.0° / 38.0°	73.
Efficiency	95 %	50° 50°
Peak intensity	5.9 cd/lm	$r \times / / \wedge \times r$
LEDs/each optic	1	2200
Light colour	White	a
Required components:		05
CITIZEN		30°
LED	CLU700/701/702	
FWHM / FWTM	14.0° / 28.0°	
Efficiency	94 %	50° 50° 50°
Peak intensity	10.2 cd/lm	
LEDs/each optic	1	
Light colour	White	45° 45°
Required components:		



#### **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.

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