

YASMEEN-70-M-C-WHT

~26° spot beam. Assembly with holder C compatible with HEKLA sockets and connectors. White version.

TECHNICAL SPECIFICATIONS:

DimensionsØ 69.9 mmHeight39.9 mmROHS compliantyes ^①



Colour

clear

white

Finish

MATERIAL SPECIFICATIONS:

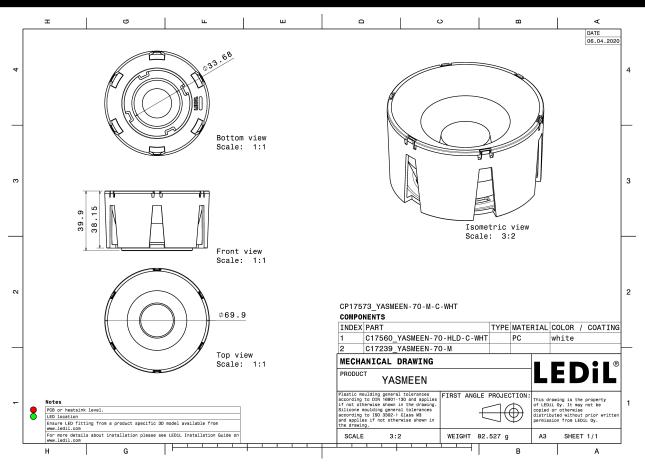
Component YASMEEN-70-M YASMEEN-70-HLD-C-WHT

Туре	Material
Single lens	PMMA
Holder	PC

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17573_YASMEEN-70-M-C-WHT	Single lens	105	105	15	10.0
» Box size: 476 x 273 x 305 mm					





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



bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA		50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15616_HEKLA		30. 30. 30. 32. 57.0
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 63		200 B2 200 B2
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 63		200 200 200 200 200 200 200 200



bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 68		94 97 75 00 75 66* 300 67 300 67 30 300 67 30 30 30 30 30 30 30 30 30 30 30 30 30
CITIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA	CLL02x/CLU02x (LES10) 25.5° / 42.5° 89 % 3.9 cd/lm 1 White nts:	
CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	CLL03x/CLU03x 24.5° / 45.5° 89 % 3.7 cd/lm 1 White nts:	200 - 201 200 - 201 201 - 201
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17436_HEKLA	CMA1516 26.0° / 42.0° 90 % 3.9 cd/lm 1 White nts:	34° 650 92°



-		
	D	90 ⁴ 90 ⁴
LED	CMA1825	
FWHM / FWTM	25.0° / 44.0°	75. 000
Efficiency	90 %	
Peak intensity	3.8 cd/lm	60 ⁴
LEDs/each optic	1	
Light colour	White	a ² 2000
Required compone		
F15254_HEKLA		300
		30* 4000 31%
		207 of 10*
		99 ⁴
LED	CMT14xx	7
FWHM / FWTM	26.0° / 43.0°	
Efficiency	90 %	6%
Peak intensity	3.8 cd/lm	100
LEDs/each optic	1	
Light colour	White	
Required compone		
F17435_HEKLA	A-G2-C	300
		\times / \times / \times
		20 ⁴ 400 20 ⁴
	D	
LED	CMT19xx	
FWHM / FWTM	25.0° / 46.0°	75
Efficiency	89 %	
Peak intensity	3.7 cd/lm	
LEDs/each optic	1	
Light colour	White	er' s
Required compone	ents:	
F17438_HEKLA		
		x*/
		34
	FDS	227
		90 ⁺ 90'
	LUXEON CoB 1202/1203	72 78
FWHM / FWTM	26.0° / 42.0°	
Efficiency	90 %	600 600
Peak intensity	3.9 cd/lm	
LEDs/each optic	1 W/bito	
Light colour	White	
Required compone		
F17437_HEKLA	Ϟ- ⊌∠-Η	
		30 ¹⁰ 000 000 30



∕∕ NICHI∕	N Contraction of the second seco		90* 90
LED	COB L-Type (LES 11)		
FWHM / FWTM	25.0° / 43.0°		25 200
Efficiency	89 %		
Peak intensity	3.9 cd/lm		60° 60
LEDs/each optic	1		
Light colour	White		43* 2000 43
Required compone			
F17437_HEKLA			200
			30" 4000 30
			90*
LED	COB L-Type (LES 9)		73
FWHM / FWTM	26.0° / 42.0°		
Efficiency	89 %		60 [.]
Peak intensity	3.8 cd/lm		_ 100
LEDs/each optic	1		
Light colour	White		er - 200 - er
Required compone			
F17437_HEKLA	A-G2-H		
			30° 4000 30
ØNICHI/			99° 90
LED	COB S-Type (LES 7)		
LED FWHM / FWTM	COB S-Type (LES 7) 24.0° / 44.0°	and the second se	75 20
FWHM / FWTM	24.0° / 44.0°	1000	23 00 23
FWHM / FWTM Efficiency	24.0° / 44.0° 89 %		
FWHM / FWTM Efficiency Peak intensity	24.0° / 44.0°		25 ⁻ 90 ⁻ 91 ⁻ - 100
FWHM / FWTM Efficiency	24.0° / 44.0° 89 % 3.8 cd/lm		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	24.0° / 44.0° 89 % 3.8 cd/lm 1 White		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	24.0° / 44.0° 89 % 3.8 cd/lm 1 White ents:		2009
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	24.0° / 44.0° 89 % 3.8 cd/lm 1 White ents:		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	24.0° / 44.0° 89 % 3.8 cd/lm 1 White ents:		2009
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	24.0° / 44.0° 89 % 3.8 cd/lm 1 White ents: -G2-I		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	24.0° / 44.0° 89 % 3.8 cd/lm 1 White ents: G2-I		9° 200 300 300 300
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	24.0° / 44.0° 89 % 3.8 cd/lm 1 White ents: G2-I		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	24.0° / 44.0° 89 % 3.8 cd/lm 1 White ents: -G2-I Fortimo SLM L09 CoB 26.0° / 41.0°		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	24.0° / 44.0° 89 % 3.8 cd/lm 1 White ents: -G2-I Fortimo SLM L09 CoB 26.0° / 41.0° 90 %		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA PHILLE FWHM / FWTM Efficiency Peak intensity	24.0° / 44.0° 89 % 3.8 cd/lm 1 White ents: x-G2-I Fortimo SLM L09 CoB 26.0° / 41.0° 90 % 3.9 cd/lm		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA PHILLE FWHM / FWTM Efficiency Peak intensity LEDs/each optic	24.0° / 44.0° 89 % 3.8 cd/lm 1 White ents: x-G2-I Fortimo SLM L09 CoB 26.0° / 41.0° 90 % 3.9 cd/lm 1		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA PHILLE FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	24.0° / 44.0° 89 % 3.8 cd/lm 1 White ents: x-G2-I Fortimo SLM L09 CoB 26.0° / 41.0° 90 % 3.9 cd/lm 1 White		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA PHILLE FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	24.0° / 44.0° 89 % 3.8 cd/lm 1 White ents: G2-I Fortimo SLM L09 CoB 26.0° / 41.0° 90 % 3.9 cd/lm 1 White ents:		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA PHILLE FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	24.0° / 44.0° 89 % 3.8 cd/lm 1 White ents: G2-I Fortimo SLM L09 CoB 26.0° / 41.0° 90 % 3.9 cd/lm 1 White ents:		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA PHILLE FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	24.0° / 44.0° 89 % 3.8 cd/lm 1 White ents: G2-I Fortimo SLM L09 CoB 26.0° / 41.0° 90 % 3.9 cd/lm 1 White ents:		
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA PHILLE FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	24.0° / 44.0° 89 % 3.8 cd/lm 1 White ents: G2-I Fortimo SLM L09 CoB 26.0° / 41.0° 90 % 3.9 cd/lm 1 White ents:		



SAMS	JNG	55*
LED	LC016D / LC019D / LC026D / LC033D	
FWHM / FWTM	26.0° / 47.0°	73*
Efficiency	89 %	
Peak intensity	3.4 cd/lm	
LEDs/each optic	1	
Light colour	White	¢*
Required compone		
F17438_HEKLA	N-G2-I	
		22%
		30° 135' q° 137
SAMS	JNG	
LED	LC030C/040C G2	
FWHM / FWTM	24.0° / 43.0°	
Efficiency	90 %	
Peak intensity	3.9 cd/lm	29 200
LEDs/each optic	1	
Light colour	White	**
Required compone	ents:	
F17438_HEKLA	A-G2-I	200
		30 ⁵ 205 15 ⁵ 0 ⁴ 15 ⁷
SEOUL SEMICONDUCTOR		» [*]
	MJT COB LES 14.5	
LED		75*
LED FWHM / FWTM	25.0° / 46.0°	
FWHM / FWTM	25.0° / 46.0° 89 %	
FWHM / FWTM Efficiency		
FWHM / FWTM Efficiency Peak intensity	89 %	00 00 269
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	89 % 3.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	89 % 3.6 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	89 % 3.6 cd/lm 1 White ents:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compose	89 % 3.6 cd/lm 1 White ents:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compose	89 % 3.6 cd/lm 1 White ents:	57 (30)
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	89 % 3.6 cd/lm 1 White ents: -G2-I	57 (30)
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	89 % 3.6 cd/lm 1 White ents: L-G2-I	57 (30)
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	89 % 3.6 cd/lm 1 White ents: -G2-I	57 (30)
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	89 % 3.6 cd/lm 1 White ents: -G2-I SLE G7 LES09 26.0° / 41.0°	57 (30)
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA	89 % 3.6 cd/lm 1 White ents: -G2-I NIC SLE G7 LES09 26.0° / 41.0° 90 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA TRIDON LED FWHM / FWTM Efficiency Peak intensity	89 % 3.6 cd/lm 1 White ents: -G2-I SLE G7 LES09 26.0° / 41.0° 90 % 3.9 cd/lm	57 (30)
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	89 % 3.6 cd/lm 1 White ents: -G2-1 SLE G7 LES09 26.0° / 41.0° 90 % 3.9 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	89 % 3.6 cd/lm 1 White ents: -G2-I SLE G7 LES09 26.0° / 41.0° 90 % 3.9 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	89 % 3.6 cd/lm 1 White ents: G2-I SLE G7 LES09 26.0° / 41.0° 90 % 3.9 cd/lm 1 White ents:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	89 % 3.6 cd/lm 1 White ents: G2-I SLE G7 LES09 26.0° / 41.0° 90 % 3.9 cd/lm 1 White ents:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA TRIDON EFICIENCY Peak intensity LEDs/each optic Light colour Required compone	89 % 3.6 cd/lm 1 White ents: G2-I SLE G7 LES09 26.0° / 41.0° 90 % 3.9 cd/lm 1 White ents:	



TRIDON	NIC	99 ⁴	
LED FWHM / FWTM	SLE G7 LES15 25.0° / 46.0°	no second se	
Efficiency	90 %	au .	
Peak intensity	3.6 cd/lm		1500
LEDs/each optic	1		
Light colour	White	45°	$A \to X$
Required compone	ents:		2430
F17438_HEKLA	-G2-I		
			3230
		30*	



PHOTOMETRIC DATA (SIMULATED):

CITIZEN	Ν	50°
LED	CLU712	
FWHM / FWTM	28.0° / 43.0°	2 200
Efficiency	92 %	60°
Peak intensity	3.9 cd/lm	
LEDs/each optic	1	
Light colour	White	97 <u>200</u> 97
Required component	ts:	
F17438_HEKLA-0	G2-I	320
		3/* 000 3/*
		257 0 257



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 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

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations

Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/ where_to_buy