

PRODUCT DATASHEET FCA14295_BILLIE-B

BILLIE-B

Asymmetric beam for wall-washing. Assembly with holder and installation tape.

SPECIFICATION:

Dimensions	Ø 21.5 mm
Height	16.1 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



MATERIALS:

Component BILLIE-B BILLIE-HLD-PIN-TAPE HEIDI-TAPE

Туре	
Single lens	
Holder	
Таре	

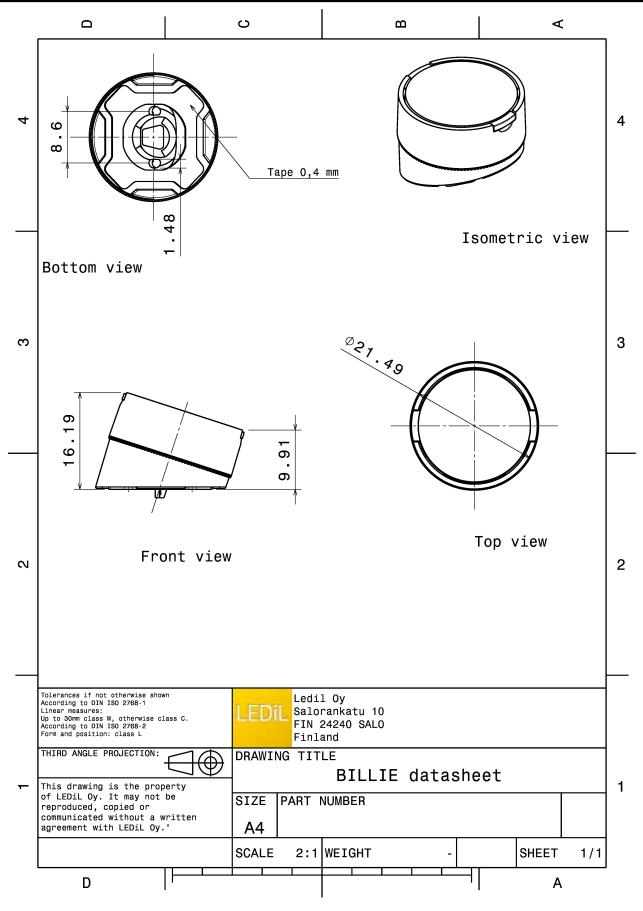
Material	Colour	Finish
PMMA	clear	
PC	white	
Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCA14295_BILLIE-B	Single lens	1792	336	112	0.0
» Box size: 480 x 280 x 300 mm					



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



OPTICAL RESULTS (MEASURED):

		50 ³ 70 ⁵
LED	XP-E	
FWHM / FWTM	Asymmetric	75
Efficiency	94 %	
Peak intensity	2.5 cd/lm	00° 000 00°
LEDs/each optic	1	
Light colour	White	g
Required compone		1570
		200
		30" (y ^h 15"
		50 ⁴
LED	XP-G	
FWHM / FWTM	Asymmetric	
Efficiency	93 %	
Peak intensity	2.3 cd/lm	
LEDs/each optic	1	
Light colour	White	gr at
Required compone	ents:	150
		314 364
	.EDS	20)
LED	LUXEON Rebel	
FWHM / FWTM	Asymmetric	
Efficiency	93 %	
Peak intensity	2.1 cd/lm	
LEDs/each optic	1	
Light colour	White	gy ar
Required compone	ents:	
		169
		×
	EDS	22) 04 22
		50 ⁴
LED	LUXEON Rebel ES	
FWHM / FWTM	Asymmetric	
Efficiency	92 %	63. 64.
Peak intensity	2 cd/lm	00
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		369
		309



OPTICAL RESULTS (MEASURED):

ØNICHI/		50 ⁺ 90 ⁺
LED	NCSxx19B	×
FWHM / FWTM	Asymmetric	
Efficiency	92 %	60. 60.
Peak intensity	2.1 cd/lm	
LEDs/each optic	1	
Light colour	White	er et
Required compone	ents:	
		150
		*
ØNICHI/	•	20 ⁴ 20 ⁴ 20 ⁴ 20 ⁴
LED		
EED FWHM / FWTM	NF2x757D Asymmetric	77
	93 %	
Efficiency Peak intensity	93 % 1.9 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		100
Required compone	sints.	
		100
		\times / \top \vee λ
		30 ⁴ 0 ⁴ 30 ⁴
ØNICHI/	N Contraction of the second se	90°
LED	NVSxx19B/NVSxx19C	
FWHM / FWTM	Asymmetric	72
Efficiency	91 %	
Peak intensity	1.8 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	120
		1500
		30 36
OSRAM		20 [*] 0 ⁴ 10 [*]
Opto Semiconductors		20
	Duris S5 (2 chip)	77
FWHM / FWTM	Asymmetric	
Efficiency	93 %	
Peak intensity	1.9 cd/lm	
LEDs/each optic	1 White	
Light colour	White	
Required compone	ants.	
		100
		\times / \times \times
		30° 300 30°



OPTICAL RESULTS (MEASURED):

OSRAM Opto Semiconductors		90° 90°
LED	OSLON Square EC	
FWHM / FWTM	Asymmetric	
Efficiency	93 %	50 ⁴
Peak intensity	2 cd/lm	
LEDs/each optic	1	
Light colour	White	9
Required componer	nts:	
		1690
		300 300
слмс		10 ⁵ 0 ⁸ 15 ⁵
		90°
LED	LH351B	73'
FWHM / FWTM	Asymmetric	
Efficiency	93 %	60° 60°
Peak intensity	2.1 cd/lm	
LEDs/each optic	1	
Light colour	White	a.
Required componer	nts:	
		1600
		364 357 08 358
SAMSU	ING	90 ⁴ 90 ⁴
SAMSU		50°
LED	LH351Z	25. 25.
LED FWHM / FWTM	LH351Z Asymmetric	35. 36. 36.
LED FWHM / FWTM Efficiency	LH351Z Asymmetric 94 %	60 00 00 00 00 00 00 00 00 00 00 00 00 0
LED FWHM / FWTM Efficiency Peak intensity	LH351Z Asymmetric 94 % 2.3 cd/lm	64 00 67 25 59 29 99
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351Z Asymmetric 94 % 2.3 cd/lm 1	5°. 00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351Z Asymmetric 94 % 2.3 cd/lm 1 White	54 59 59 59 50 50 50 50 50 50 50 50 50 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351Z Asymmetric 94 % 2.3 cd/lm 1 White	59° 59° 60° 50° 50° 50° 50° 50° 50° 50° 50° 50° 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351Z Asymmetric 94 % 2.3 cd/lm 1 White	102 64 64 90 95 95
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351Z Asymmetric 94 % 2.3 cd/lm 1 White	352
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LH351Z Asymmetric 94 % 2.3 cd/lm 1 White	25 25 25 25 25 25 25 25 25 25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LH351Z Asymmetric 94 % 2.3 cd/lm 1 White	102
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LH351Z Asymmetric 94 % 2.3 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LH351Z Asymmetric 94 % 2.3 cd/lm 1 White hts: Z5M1/Z5M2	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer secoul semiconductor LED FWHM / FWTM	LH351Z Asymmetric 94 % 2.3 cd/lm 1 White hts: Z5M1/Z5M2 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer seoul semiconductor LED FWHM / FWTM Efficiency	LH351Z Asymmetric 94 % 2.3 cd/lm 1 White hts: Z5M1/Z5M2 Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	LH351Z Asymmetric 94 % 2.3 cd/lm 1 White hts: Z5M1/Z5M2 Asymmetric 94 % 2.2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351Z Asymmetric 94 % 2.3 cd/lm 1 White hts: Z5M1/Z5M2 Asymmetric 94 % 2.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351Z Asymmetric 94 % 2.3 cd/lm 1 White hts: Z5M1/Z5M2 Asymmetric 94 % 2.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351Z Asymmetric 94 % 2.3 cd/lm 1 White hts: Z5M1/Z5M2 Asymmetric 94 % 2.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351Z Asymmetric 94 % 2.3 cd/lm 1 White hts: Z5M1/Z5M2 Asymmetric 94 % 2.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351Z Asymmetric 94 % 2.3 cd/lm 1 White hts: Z5M1/Z5M2 Asymmetric 94 % 2.2 cd/lm 1 White	



OPTICAL RESULTS (SIMULATED):

ØΝΙCΗΙΛ		90 ⁴ 97
LED FWHM / FWTM	NF2x757G Asymmetric	75
Efficiency Peak intensity	93 % 2 cd/lm	69× 60×
LEDs/each optic Light colour	1 White	er er
Required components	S:	
		122, 04, 122, 30, 30,



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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.

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:

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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

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

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