

PRODUCT DATASHEET FN15189_STELLA-DWC2

STELLA-DWC2

Universal road lighting (IESNA Type II Medium) beam with excellent mixed illuminance and luminance uniformity. Compatible with up to 23 mm LES size COBs. Variant with white frame.

SPECIFICATION:

Dimensions	Ø 90.0 mm
Height	19.3 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈



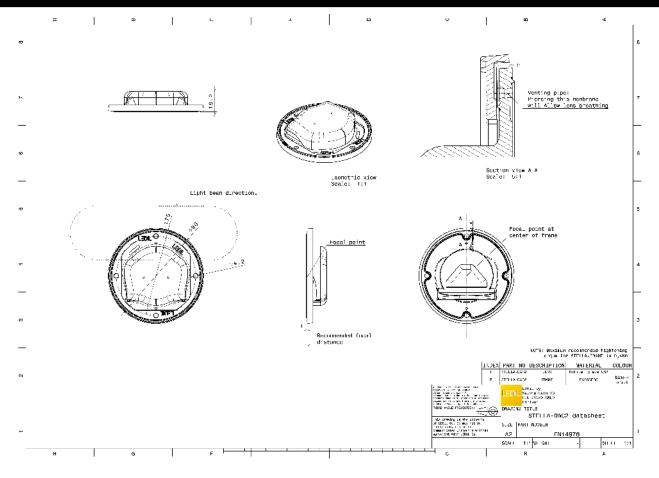
MATERIALS:

Component	Туре	Material	Colour	Finish
STELLA-DWC2	Single lens	Silicone	clear	
STELLA-FRAME-WHT	Holder	PA66	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FN15189_STELLA-DWC2	Single lens	135	135	15	7.1
» 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>



bridgelux.		
LED	V18 Gen7	
FWHM / FWTM	Asymmetric	30
Efficiency	91 %	$\langle \langle \langle \langle \langle \rangle \rangle \rangle \rangle \rangle$
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required componer		
Bender Wirth: 43		
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bridgelux.		
LED	V18 Gen7	
FWHM / FWTM	Asymmetric	10
Efficiency	89 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required componer		
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bridgelux.		
LED	V22 Gen7	
FWHM / FWTM	Asymmetric	
Efficiency	92 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
∣ Light colour	White	
Light colour Required componer		e y y
Light colour Required componer TE Connectivity:	ts:	e v
Required componer	ts:	e w
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bridgelux.		THA HILL
LED	Vero SE 13	
FWHM / FWTM	Asymmetric	10
Efficiency	91 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	NX/++/X/
	White	X ALAX
Light colour Required componer		$\times \times / \square \times $
Required componer	lls.	XTTX
		XTATX
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bridgelux.		THY MAN
LED	Vero SE 18	2" ×
FWHM / FWTM	Asymmetric	10
Efficiency	92 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	N X T N
Light colour	White	A MANA
Required componer		
Required componer	lio.	
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bridgelux.		THY FT
LED	VERO18	1 ²⁰
FWHM / FWTM	Asymmetric	11 Jan 1 Jan
Efficiency	90 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	AMA
Required componer		
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CITIZE	N	
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LED FWHM / FWTM	CLL04x/CLU04x	
Efficiency	Asymmetric 89 %	
Peak intensity	0.4 cd/lm 1	
LEDs/each optic Light colour	1 White	
Required componer	IIS.	N/TNM
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ED CXAB 1816 & CXAB 1820 & CXA 1850 WHM /FVTTM Asymmetric fficiency 89 % teak intensity 0.6 cd/m EDs/each optic 1 ight colour White tequired components: ED CXAB 25xx WHM /FWTM Asymmetric fficiency 91 % teak intensity 0.4 cd/m EDs/each optic 1 ight colour White tequired components: Bender Wirth: 43 Typ L3 ED COB J-Type WHM /FWTM Asymmetric fficiency 90 % teak intensity 0.6 cd/m EDs/each optic 1 ED COB J-Type WHM /FWTM Asymmetric fficiency 90 % teak intensity 0.6 cd/m EDs/each optic 1			
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WHM / FWTM Asymmetric ifficiency 90 % teak intensity 0.6 cd/lm EDs/each optic 1 ight colour White tequired components: SAMSUNG ED LC016D / LC026D / LC033D WHM / FWTM Asymmetric ifficiency 89 % teak intensity 0.5 cd/lm EDs/each optic 1 ight colour White	LED	COB J-Type	
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EDs/each optic 1 ight colour White Required components:	Peak intensity	0.6 cd/lm	**
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EDs/each optic 1 ight colour White			2.7
ight colour White			
	Required compone	IIIS	
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LED	LC040D / LC060D / LC080D	5
FWHM / FWTM	Asymmetric	·
Efficiency	89 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
econ		
SECUL SEMICONDUCTOR	MJT COB LES 14.5	
FWHM / FWTM	Asymmetric	
Efficiency	89 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
LED	MJT COB LES 14.5	
220	MOT COD LEC TILS	
FWHM / FWTM	Asymmetric	
	Asymmetric 91 %	
Efficiency	91 %	en
Efficiency Peak intensity	91 % 0.5 cd/lm	er
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FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 43	91 % 0.5 cd/lm 1 White ents:	
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Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 4:	91 % 0.5 cd/lm 1 White ents: 33 Typ Z1 MJT COB LES 22	
Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 4: Stout Stanconductor LED FWHM / FWTM	91 % 0.5 cd/lm 1 White ents: 33 Typ Z1 MJT COB LES 22 Asymmetric	s.
Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 4: SEONE SEMECONDUCTOR LED FWHM / FWTM Efficiency	91 % 0.5 cd/lm 1 White ents: 33 Typ Z1 MJT COB LES 22 Asymmetric 91 %	5
Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 4: SEOUS SEMECONDUCTOR LED FWHM / FWTM Efficiency Peak intensity	91 % 0.5 cd/lm 1 White ents: 33 Typ Z1 MJT COB LES 22 Asymmetric 91 % 0.4 cd/lm	
Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 4: Stous semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	91 % 0.5 cd/lm 1 White ents: 33 Typ Z1 MJT COB LES 22 Asymmetric 91 % 0.4 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 4: Stous senseonoucros LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	91 % 0.5 cd/lm 1 White ents: 33 Typ Z1 MJT COB LES 22 Asymmetric 91 % 0.4 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 4: Stout structure LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	91 % 0.5 cd/lm 1 White ents: 33 Typ Z1 MJT COB LES 22 Asymmetric 91 % 0.4 cd/lm 1 White ents:	
Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 4: Stous semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	91 % 0.5 cd/lm 1 White ents: 33 Typ Z1 MJT COB LES 22 Asymmetric 91 % 0.4 cd/lm 1 White ents:	
Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 4: Stout stanconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	91 % 0.5 cd/lm 1 White ents: 33 Typ Z1 MJT COB LES 22 Asymmetric 91 % 0.4 cd/lm 1 White ents:	



OPTICAL RESULTS (SIMULATED):

bridgelux.		6
LED	V10 Gen7	at the the
FWHM / FWTM	Asymmetric	
Efficiency	89 %	
Peak intensity	0.5 cd/lm	X/++Y/A/
LEDs/each optic	1	
Light colour	White	
Required components:		
Bender Wirth: 486 Ty	p L1	
		X Y- X
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bridgelux.		
LED	V13 Gen7	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	N HVV
Light colour	White	c de
Required components:		
Bender Wirth: 477 Ty	o Z1	X
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bridgelux.		
LED	V13 Gen7	
FWHM / FWTM	Asymmetric	a a a a a a a a a a a a a a a a a a a
Efficiency	93 %	
LEDs/each optic	1	
Light colour	White	fr / - 10
Required components:		KNLLX2
		X T- X
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PRODUCT DATASHEET FN15189_STELLA-DWC2

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 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.

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LEDiL Oy

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Shipping locations

Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/

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