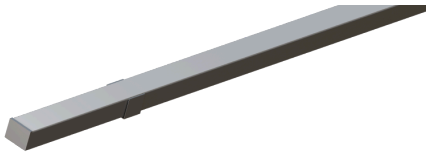
FS2 ARGENTO S 8MM

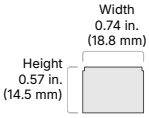
Factory Assembled Fixture

A low-profile fixture for discrete applications and high efficiency performance.

https://qrco.de/bgb247



Dimensions



General Specifications

Voltage	24VDC
CRI	90+
Environment	Indoor / Damp Location
Certification	UL Listed 2108
Warranty	10 Year Limited
Dimmable	Yes
TM-21 (LM-80)	>50,000
Ambient Temperature	-4 ~ +122°F (-20 ~ +50°C)
Operating Temperature	-4 ~ +176°F (-20 ~ +80°C)
LED Chips	88/ft.

FS2 Features

https://qrco.de/bgZEAS

- Value driven for everyday applications
- Smooth, wide light output
- Simple installation for most projects

ARGENTO™ S 8MM Features

https://qrco.de/bgb1W8

- Tight-pitch LED spacing on 8mm PCB platform
- Maximum efficiency with highest output
- Max run up to 66 ft.
- Maximum illumination up to 450 Lm/ft.

SKU Builder

1 Brand	2 Voltage	3 Channel	4 Finish	5 Environment	6 Light Engine	7 Output
LCI	24	FS2		D	AGT-S	
	24 (24VDC)	FS2 (FS2)	*blank* (Aluminum)	D (Dry / Damp Location / IP20)	AGT-S (ARGENTO S 8MM Light Engine)	150 (~150 Lm/ft.)
			WH (White)			300 (~300 Lm/ft.)
			BL (Black)			

8 CCT	9 Lens	10 Fixture Length	11 Exact/Optimal	12 Side A Wire Length	13 Side A Wire Color & Type	14 Side A Entry
	FR					A
24 (2400K)	FR (Frosted Lens)	___I (Inches: 6-96 in.)	E (Exact)	36I (36 in. - Default)	AW (White CL2 - Default)	A (End)
27 (2700K)		___F (Feet: 0.5-8 ft.)	O (Optimal)	__ in.	AB (Black CL2)	
30 (3000K)					AS* (Silver Plenum - *Bare Lead only)	
35 (3500K)						

15 Side A Wire Connection	16 Side B Wire Length	17 Side B Wire Color & Type	18 Side B Entry	19 Side B Wire Connection	20 Mounting
			A		S2MC
1 (Bare Wire - Default)	*blank* (No Wire - Default)	*blank* (No Wire - Default)	A (End)	1 (Bare Wire - Default)	S2MC (S2 Clip)
2 (Barrel - Female)	__ in.	BW (White CL2)		2 (Barrel - Male)	
3 (Interconnect - Female)		BB (Black CL2)		3 (Interconnect - Male)	
		BS* (Silver Plenum - *Bare Lead only)			

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1 LCI Brand

LCI Lucetta CI

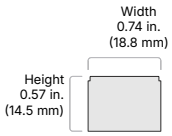
www.LucettaCI.com

2 24 Voltage

24 (24VDC)

3 FS2 Channel

FS2 (FS2)



4 Finish

- ***blank*** (Aluminum)
- **WH** (White)
- **BL** (Black)

5 D Environment

D (Dry / Damp Location / IP20)

6 AGT-S Light Engine

AGT-S (ARGENTO S 8MM Light Engine)

7 Output

	150	300
Wattage	1.46 W/ft.	2.93 W/ft.
Max Continuous Run (ft.)	66 ft.	33 ft.

8 CCT

Lumen Series		150	300
24	2400K	185 Lm/ft.	380 Lm/ft.
27	2700K	200 Lm/ft.	420 Lm/ft.
30	3000K	208 Lm/ft.	438 Lm/ft.
35	3500K	208 Lm/ft.	438 Lm/ft.

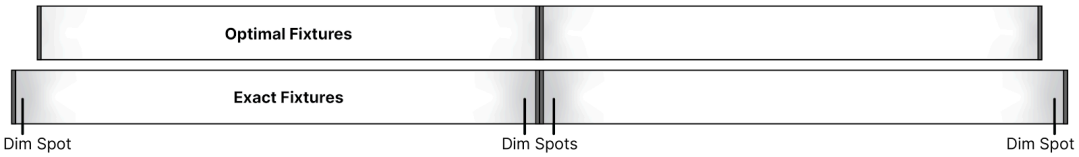
9 FR Lens

FR	(Frosted Lens)	20% Light Loss	Dotless

10 Fixture Length

- **___I** (Inches: 6-96 in.)
- **___F** (Feet: 0.5-8 ft.)

11 Exact/Optimal



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12 Side A Wire Length

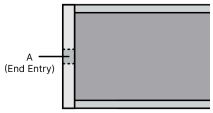
36I	(36 in. - Default)
__ in.	

13 Side A Wire Color & Type

AW	(White CL2 - Default)
AB	(Black CL2)
AS*	(Silver Plenum - *Bare Lead only)

14 Side A Entry

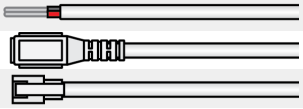
A	(End)



15 Side A Wire Connection

*Default Wire Gauge: 20/2 AWG**
Contact your Lucetta CI Representative for additional wire gauge options.

1	(Bare Wire - Default)	3.95mm (Dia.)
2	(Barrel - Female)	11.43mm (Dia.)
3	(Interconnect - Female)	6.9mm x 5.6mm (W x H)



16 Side B Wire Length

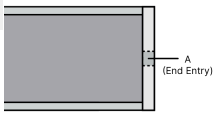
blank	(No Wire - Default)
__ in.	

17 Side B Wire Color & Type

blank	(No Wire - Default)
BW	(White CL2)
BB	(Black CL2)
BS*	(Silver Plenum - *Bare Lead only)

18 Side B Entry

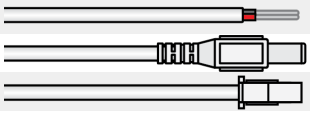
A	(End)



19 Side B Wire Connection

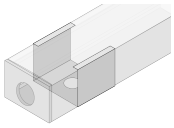
*Default Wire Gauge: 20/2 AWG**
Contact your Lucetta CI Representative for additional wire gauge options.

1	(Bare Wire - Default)	3.95mm (Dia.)
2	(Barrel - Female)	11.43mm (Dia.)
3	(Interconnect - Female)	6.9mm x 5.6mm (W x H)



14 S2MC Mounting

S2MC	(S2 Clip)



Total Dimensions (Including Fixture)

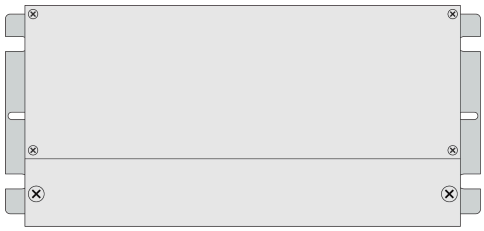
S2 Clip:
0.63 x 0.84 in. (H x W)

Recommended Power Supplies (Sold Separately)

BIANCO™ U Dimmable Driver

High-performance LED driver with smooth dimming, stable output, and universal compatibility with popular controls and systems.

- Universal dimming support (ELV, Triac, and 0–10V)
- No minimum load
- 100-277VAC universal input
- 0.1% Performance dimming



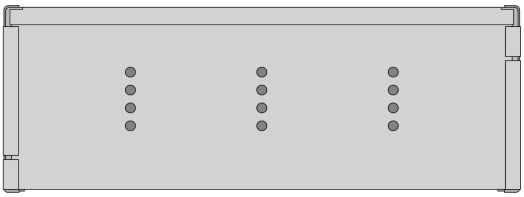
For more information, visit us at:
https://qrco.de/bfWcPI

SKU	General Specs	Input Voltage / Frequency	Output Voltage & Maximum Load	Minimum Load
LCI-BNCU-24V30W-J	Class 2, Dimmable 6.5 x 3.7 x 1.57 in.	100–277VAC, 50/60Hz	24V / 30W	None
LCI-BNCU-24V60W-J	Class 2, Dimmable 7.4 x 3.7 x 1.57 in.	100–277VAC, 50/60Hz	24V / 60W	None
LCI-BNCU-24V96W-J	Class 2, Dimmable 8.66 x 3.7 x 1.57 in.	100–277VAC, 50/60Hz	24V / 96W	None
LCI-BNCU-24V200W-J	Dimmable 10.24 x 4.13 x 1.77 in.	100–277VAC, 50/60Hz	24V / 200W	None
LCI-BNCU-24V300W-J	Dimmable 10.95 x 4.33 x 1.92 in.	100–277VAC, 50/60Hz	24V / 300W	None

VLM Series Constant Voltage Driver

Compact constant-voltage LED driver best utilized in dynamic applications.

- Compatible with PWM low voltage dimming systems
- Provides power for DMX integrated systems
- UL Listed junction box
- Small form factor



For more information, visit us at:
https://qrco.de/bgZJJs

SKU	General Specs	Input Voltage / Frequency	Output Voltage & Maximum Load	Minimum Load
LCI-VLM-24V60W-J	Class 2 8.19 x 2.94 x 1.31 in.	120 / 277VAC, 47 - 63Hz	24V / 60W	None
LCI-VLM-24V100W-J	Class 2 8.19 x 2.94 x 1.31 in.	120 / 277VAC, 47 - 63Hz	24V / 96W	None

Safety

UL Listed 2108 Low Voltage Luminaires. Certified for United States and Canada. File # E506975.

Approved for storage areas of clothes closets per NEC 410.16.A.3 and 410.16.C.5

Performance

Can be used to comply with TITLE 24 Part 6 High Efficacy Lighting LED requirements - JA8-2016-2022-E

LED chip data measured in accordance to IES LM-80-08.

Photometric & Colorimetry data measured in accordance to IES LM-79-08, in Elemental LED's Innovation Lab.

Safety / Warnings / Disclosures

Install in accordance with national and local electrical code regulations.

This product is intended to be installed and serviced by a qualified, licensed electrician.

Only use copper wiring. Use wires rated for at least 176°F (80°C) and certified for use with external connection of electrical equipment.

Tape light, attached wire leads, and additional extension cables, connectors, etc., are not rated for in-wall installation unless otherwise noted. Tape light and attached wire leads are field-cuttable.

Ensure applicable wire is installed between driver, fixture, and any controls in-between. When choosing wire, factor in voltage drop, amperage rating, and type (in-wall rated, wet location rated, etc.). Inadequate wire installation could overheat wires, and cause fire.

Do not install in environment where LED chips are exposed to direct sunlight as damage to the phosphor will occur.

Do not install in environment where excessive heat may exist (ex. close proximity to fireplace, etc.) See Ambient Temperature ratings

Do not modify product beyond instructions or warranty will be void.

Actual color may vary from what is pictured on this sheet and other print materials due to the limitations of photographic processes.

We reserve the right to modify and improve the design of our fixtures without prior notice. We cannot guarantee to match existing installed fixtures for subsequent orders or replacements in regards to product appearance, CCT, or lumen output.

Warranty

12 Year Limited

This warranty does not include the additional accessories referenced in this specification sheet. Complete warranty details for fixtures and additional accessories are available at www.diodeled.com/limited-warranty/ within the Policies section. For warranty related questions please contact product support.

Elemental LED, Inc. stands behind its products when they are used properly and according to our specifications. By purchasing our products, the purchaser agrees and acknowledges that lighting design, configuration and installation is a complex process, wherein seemingly minor factors or changes in layout and infield adjustments can have a significant impact on an entire system. Choosing the correct components is essential. Elemental LED is able to work with the original purchaser to make an appropriate product selection to the extent of the limited information that the customer can provide, but it is virtually impossible for Elemental LED to design a system that foresees every unknown factor. For this reason, this Warranty does not cover problems caused by improper design, configuration or installation issues. Any statement from a Elemental LED employee or agent regarding a customer's bill of goods and/or purchase order is NOT an acknowledgment that the products purchased are designed and configured correctly. The purchase agrees and acknowledges that it is the customer's responsibility to adhere strictly to all information contained in the Product Specification Sheets.

There is often more than one way to design, configure and layout an LED lighting application properly to achieve the same lighting effect. Elemental LED strongly recommends that licensed professionals be used in the design and installation of lighting systems that include Elemental LED products. The specifications include important information that a designer and installer should carefully review and strictly follow. Qualified designers and certified and/or licensed installers, with access to the final installation environment, customer goals, and Elemental LED product specifications can make the requisite decisions appropriate for a successful finished lighting application.

- Lumen value measured in accordance to IES LM-79-08. LED chips have a luminous flux range with a tolerance of +/- 5%.
- Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length. Max run may exceed Class 2 limit. Actual wattage may differ from calculated wattage due to voltage drop across run.
- Do not install product in an environment outside the listed ambient temperature. Exceeding the maximum ambient temperature may damage LED chips, reduce the total lamp life, lumen output, and/or adversely impact color consistency.
- Actual efficacy value is dependent to specified LED driver (power supply). An estimated efficacy value can be calculated as follows: Lumen value divided by average power consumption per foot.
- Operating temperature is measured according to the minimum and maximum ambient temperature environment.