

ARTUS Minimal Surface-Mounted

Quick Facts

- Remote Powered, Class 2 Fixture
- 12W Cree LED
- Available in Warm White (2700K) and Soft White (3000K)
- 2-step SDCM ellipse for accurate color consistency between fixtures
- Up to 1000lm from source (IES files available upon request)
- Full dimming range via remote power supply
- Visible Dimensions - 110mm x 55mm x 55mm (4-3/8" x 2-3/16" x 2-3/16")
- Suitable for installation in drywall, wood, and stone ceilings
- Suitable for dry and damp locations
- Designed by Studio F+A-Porsche
- UL Listed
- Engineered and made in Germany



Description

The quintessential ARTUS design embraces the minimalist design principles that Apure is known for, enabling the harmonious integration of decorative lighting into any given space. Illustrated to size, the graphic, cubistic 55 mm x 55 mm (2 3/16" x 2 3/16") design incorporates next era technology, while remaining true to the structural DNA of the Studio F·A·Porsche.

Construction

- Extruded aluminum fixture body, featuring Apure's signature louver designed by Studio F·A·Porsche
- 50,000 hours LED lifetime
- Approximate fixture weight: 720g (1.58lbs)
- Operating Temperature: 10°C to 50°C
- Features Apure's magnetic installation bracket system for tool free luminaire servicing

Fixture Size

- Visible Dimensions: 110mm x 55 mm x 55 mm (4-3/8" x 2-3/16" x 2-3/16")
- Recess Depth: N/A - junction box not required

Light Output

- High performance Cree LED, available in various color temperatures
- 1000lm source light output
- 2-step SDCM ellipse
- Color rendering index (CRI) min. 90
- Integral microprocessor controlled thermal protection

Electrical Specifications

- 24V DC Constant Voltage Input (Class 2, 12W Power Consumption)
- 96W 24V DC Power Supply Required (powers up to 4 fixtures)
- Magnetic Low Voltage (MLV) Dimming (or) 3-Wire Lutron Hi-Lume dimming protocols
- Recommended wire, min. 16 AWG plenum rated (CMP, when required) up to 150ft from remote transformer

Constant Current 1000mA 12V DC Input (Class 2, 12W Power Consumption)

- Remote 1000mA Constant Current Driver Required
- 0-10V 0.1% Dimming (or) 1-10V/Push/DALI (or) Phase Dimming drivers available
- Recommended wire, min. 16 AWG plenum rated (CMP, when required) up to 82ft from remote transformer

Installation Types

- Surface-Mounted: Standard installation to most ceiling surfaces using anchors or screws (not provided)
- Profile: Surface-mounted in the LINIAR System profile using anchors or screws (not provided)
- Semi-Recessed: Magnetically attached in the NEXU System enclosure (not provided)

Listings

- UL Listed, CE Conform
- Suitable for dry and damp locations

Resources / Installation Videos

Scan QR Code or visit at apurelighting.com/resources/



Resources



Videos



ORDERING INFORMATION

SERIES

- ☐ AR - Artus Series

MODEL

- ☐ 1 - Artus

TYPE

- ☐ 1 - LED

ORIENTATION

- ☐ F - Fixed

FIXTURE FINISH

- ☐ BA - Black Anodized
☐ WH - White Powder Coat

TEMPERATURE (CCT)

- ☐ 27 - Warm White (2700K)
☐ 30 - Soft White (3000K)

COLOR RENDERING INDEX

- ☐ 90 - ≥90

OPTICS (DEGREE)

- ☐ S - Spot (14°)
☐ N - Narrow Flood (36°)
☐ F - Wide Flood (55°)

DIMMING PROTOCOL

- ☐ A - Magnetic Low Voltage (MLV) (24V)*
☐ L - Lutron 3-Wire Hi-Lume 0.1% (24V)*
☐ CC** - 0-10V / DALI / Phase Dim (1000mA Constant Current, 12VDC)*

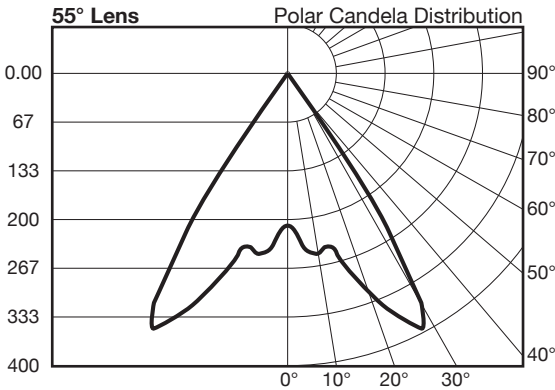
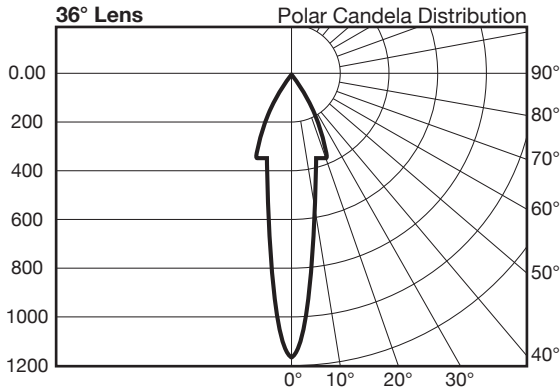
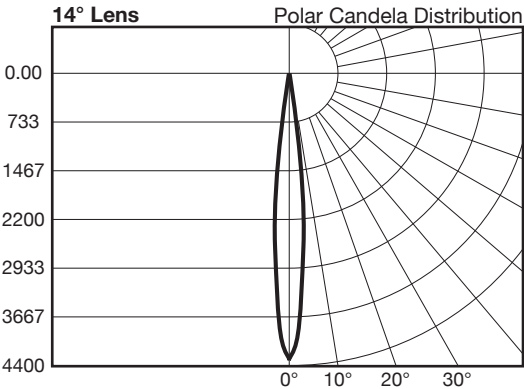
*remote powered fixture, power supply required

**Also cataloged as "EU"

ORDERING EXAMPLE

AR11FBA3090FCC

LED Photometrics



Accessory for Installation Type

Surface Mounted (Standard)
Semi-Recessed (Nexu System)*
Profile System (Linair System)*

Part Number	Thickness	Listings
None Required	--	--
NSBRKUXX	Various	UL
LSXXXX	15mm	--

Remote Power Supply for MLV Variant - [A]
Magnitude Power Supply (96W 24VDC)

Part Number	Input Voltage	Listings
AA3096M	120Vac	ETL

Remote Power Supply for Lutron Variant - [L]
Lutron 3-wire Hi-Lume Premier Eco Driver
Lutron 3-wire HomeWorks Digital Control

Part Number	Input Voltage	Listings
L3D0-96W24V-U	120-277V	UL
LHD0-96W24V-U	120-277V	UL

Remote Power Supply for CC or EU Variant - [CC]
Magnitude AFLEX Power Supply (1000mA 60W)**
Magnitude AFLEX JBZN Series (1000mA 60W)***
Apure Phase Dimmable (1000mA 29W)
Apure Phase Dimmable (1000mA 30-65W)
Apure DALI-2, Push, 1-10V (1000mA 30-65W)**

Part Number	Input Voltage	Listings
AA3010M1000	120-277Vac	UL Listed
AA3010MJBXX	120-277Vac	UL Listed
AA32202DEU	220-240Vac	CE
AA32205DEU	220-240Vac	CE
AA3DALI2EU	110-240Vac	CE

*Refer to cutsheet for more information.

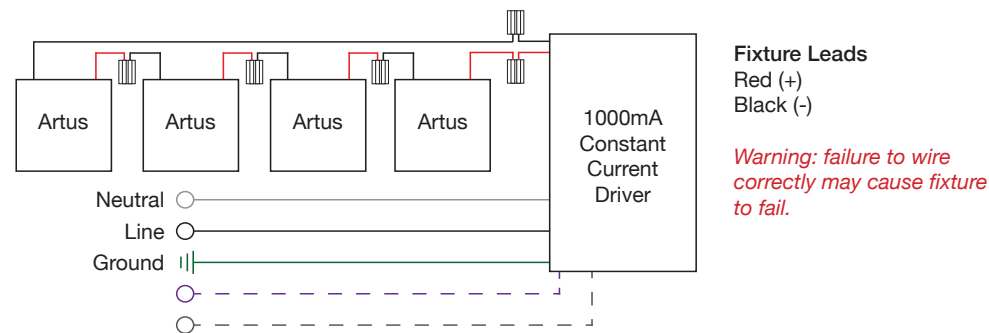
**Driver enclosure required where applicable.

***Refer to reseller for more information.

Custom Installation Types

- Observe and follow all local and national installation codes for all installation types.
- Test and make sure that all fixtures are working properly before any mudding, painting or finishing occurs!
- Read and adhere to all instructions supplied with each power supply and fixture.
- Follow all instructions supplied by power supply / driver manufacturer!

Wiring Diagram for Constant Current Artus products - [CC]



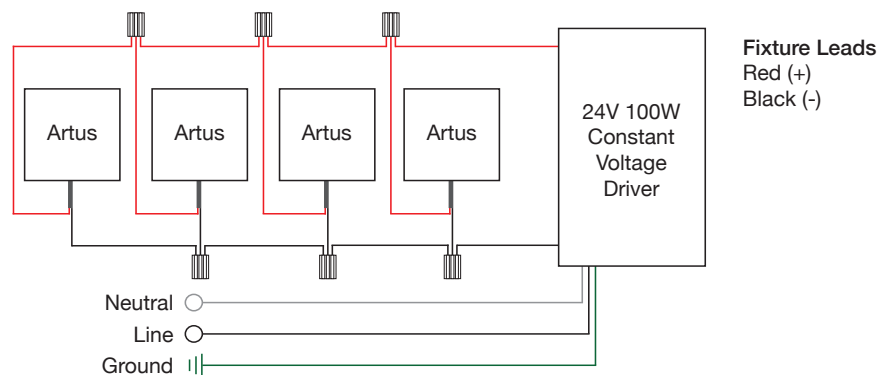
Additional Considerations

The above wiring diagram applies only to Constant Current Artus products with product ordering codes ending with "CC" or "EU". The diagram above shows the typical wiring schematic, however the total number of fixtures per driver is driver specific.

- | | | |
|---------------------------------------------|-----------|--------------------|
| • Magnitude AFLEX Power Supply (1000mA 60W) | 1-4 Artus | 16AWG - 82ft (25m) |
| • Apure Phase Dimmable (1000mA 29W) | 1-2 Artus | 16AWG - 82ft (25m) |
| • Apure Phase Dimmable (1000mA 30-65W) | 3-5 Artus | 16AWG - 82ft (25m) |
| • Apure DALI-2, Push, 1-10V (1000mA 30-65W) | 1-4 Artus | 16AWG - 82ft (25m) |

WARNING: The power supply must operate within the range of minimum to maximum fixtures. Operation with less or more fixtures from the specified amount will result in damage to the power supply and/or lighting fixture. Incorrectly wiring the Constant Current lighting fixture may cause luminaire to fail.

Wiring Diagram for 24V Artus Products - [A] MLV or [L] Lutron



Additional Considerations

The above wiring diagram applies only to 24V Artus products with product ordering codes ending with "A" or "L". The diagram above shows the typical wiring schematic, however the total number of fixtures per driver is driver specific.

- | | | |
|--------------------------------------------------------|-----------|----------------------|
| • Magnitude Constant Voltage Driver (96W 24VDC) | 1-4 Artus | ≤16AWG - 150ft (45m) |
| • Lutron Hi-Lume Constant Voltage Driver (96W 24VDC) | 1-4 Artus | ≤16AWG - 150ft (45m) |
| • Lutron HomeWorks Constant Voltage Driver (96W 24VDC) | 1-4 Artus | ≤16AWG - 150ft (45m) |

WARNING: The power supply must operate within the range of minimum to maximum fixtures. Operation with less or more fixtures from the specified amount will result in damage to the power supply and/or lighting fixture.