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Artemide

Artemide M2882N01 Algoritmo System Diffused Emission



Specifications

- **Product Name:** Algoritmo System – Diffused Emission Wired gear plates white LED

Direct emission

- **Power:** 34W
- **Length:** 1184mm

Product Usage Instructions

Installation and Setup

1. Ensure the power supply is within the input voltage range of 90-264VAC / 47-63Hz.
2. Mount the Algoritmo System module securely in the desired location.
3. If using additional accessories, follow the specific installation instructions provided for each accessory.

Dimming Functionality

- To dim the light output of the Algoritmo System, use a DALI-compatible dimming system. Adjust the dimming level as needed to achieve the desired lighting ambiance.

Maintenance

- Regularly clean the surface of the Algoritmo System to ensure optimal light output. Avoid using abrasive cleaners that may damage the fixture.

FEATURES

-  Dimmable: 

LUMINAIRE

- **Watt:** 34W
- **Flux Lumineux (lm):** 2281lm— CCT: 4000K
- **Efficiency:** 50%
- **Efficacy:** 67.09lm/W
- **CRI:** 80
- **Dimmable Typology:** Dali
- **Notes:** Integrated MV pass-through wiring.

DESCRIPTION

- A modular system for ceiling or wall-recessed installation, to be installed as a continuous line or with angles, composed of structural modules in extruded aluminium, of pre-wired gear plates with through-wiring and quick-connection system of optics systems and components for connecting, fixing, joining or finishing the system.
- The prewired LED plates were designed for diffused emission, wall washer light, prismoptic or controlled emission, for projectors integration (PAD or Cube 37), for 3 phase track alimentation.
- Complies with standard EN60598-1 and any other specific standard.

Specifications

FEATURES

- **Product Code:** M2882N01 + M217300
- **Installation:** Recessed, Wall, Pendant, Ceiling
- **Series:** Architectural Indoor
- **Designed by:** Carlotta de Bevilacqua, Paola diArianello

DIMENSIONS

- **Length:** 1180 mm
- **Weight:** 1.1 kg

SOURCES INCLUDED

- **Category:** LED
- **Number:** 1
- **Watt:** 29 W
- **Luminous Flux (lm):** 3596 lm
- **Color Temperature (K):** 4000 K
- **CRI:** =80 (typ.)
- **Color Tolerance:** MacAdam 4SDCM
- **Efficacy:** 124 lm/W
- **Service Life:** L70(9K) > 50000h

ACCESSOIRES



- Electronic power supply. IP67.
 - **Input voltage range:** 90-264VAC / 47-63Hz.
 - **Output voltage:** 48VDC.
 - Protection against overcurrent, overvoltage, short-circuit and overtemperature, with automatic restart. – 240W. For feeding up to a total 225W. 244x68x39mm. M075100



- Supply Kit. Allows for connection of the mains to the first pre-wired gear plate of the initial module. To be used only with recessed and surface installation. – MV (7x max 1,5 mm²) To power white LED plates and accent modules. M073240



- Control Interface. Form managing groups of Algoritmo System LED RGB and/or white LED/RGB Algoritmo Floor lighting units. Integrated sequencer for stand-alone operation with predefined color sequence.
 - Possibility of master-slave configuration. DALI DMX light management systems are not included. – Compatible DALI 310X168X90 mm. IP67 M077000
 - Closure screens for 90° angles. Junction to be fitted to the module on the same plane. Compatible with the junction for the same plane. For continuity between wall-washer LED emission modules. M198200
 - Closure screens for 90° angles. 2-plane joint. To be clipped to the module. Compatible with connectors for 2 modules on perpendicular planes. For continuity between wall-washer LED emission modules. M198600



- Electronic power supply. IP67. Input voltage range: 90-264VAC / 47-63Hz. Output voltage: 48VDC. Protection against overcurrent, overvoltage, short-circuit and overtemperature, with automatic restart. 100W.
 - For feeding up to a total 90W. 220x68x38mm. M075000



- Control Interface. Form managing groups of Algoritmo System LED RGB and/or white LED/RGB Algoritmo Floor lighting units.
 - Integrated sequencer for stand-alone operation with predefined color sequence. Possibility of master-slave configuration. DALI DMX light management



- Electrical connector (only for RGB LED) to couple wall-surface or floor-recessed LED Algoritmo System modules, powered through the same electrical circuit. M221900



- Supplementary through-wiring (optional). To be used in mixed configuration with LV and MV pre-cabled gear trays. – MV 1184mm. M198700



- Control Interface. Form managing groups of Algoritmo System LED RGB and/or white LED/RGB Algoritmo Floor lighting units. Integrated sequencer for stand-alone operation with predefined color sequence.
 - Possibility of master-slave configuration. DALI DMX light management systems are not included. – Compatible DALI. Suitable for DIN rail mounting. 106x90x70 mm. IP20 M077200



- Supplementary through-wiring (optional). To be used in mixed configuration with LV and MV pre-cabled gear trays. – LV 1184mm. M198800



- Electronic power supply. IP67. Input voltage range: 90-264VAC / 47-63Hz.
 - **Output voltage:** 48VDC. Protection against overcurrent, overvoltage, short-circuit and overtemperature, with automatic restart. – 320W.
 - For feeding up to a total 300W. 252x90x44mm. M076100



- Control Interface. Form managing groups of Algoritmo System LED RGB

and/or white LED/RGB Algoritmo Floor lighting units.

- Integrated sequencer for stand-alone operation with predefined color sequence. Possibility of master-slave configuration. DALI DMX light management systems are not included.
- Compatible DALI or DMX 310X168X90 mm. IP67 M077100

-  Algoritmo System LED – Optics – Diffuser for Wall Washer – 1184mm M217300 systems are not included.



-  Compatible DALI or DMX. Suitable for DIN rail mounting. 106x90x70 mm. IP20 M077300
 - Supply Kit. Allows for connection of the mains to the first pre-wired gear plate of the initial module.
 - To be used only with recessed and surface installation. – LV (3xmax 1,5 mm²) To power LED RGB trays. M073230

CUSTOMER SERVICE

- **We reserve the right to modify our product specifications.**
- **Last update: September 2023 For the latest product information, visit www.artemide.com**

FAQ

Can I use a non-DALI dimmer with this product?

No, this product is designed for dimming using a DALI-compatible system only.

What is the IP rating of the electronic power supply?

The electronic power supply has an IP67 rating, protecting against dust and water immersion.

How many watts can the electronic power supply deliver?

Depending on the model, the electronic power supply can deliver up to 320W for feeding up to a total of 300W.

Documents / Resources

	Artemide M2882N01 Algoritmo System Diffused Emission [pdf] Instructions M2882N01, M075100, M221900, M073240, M198700, M077000, M2882N01 Algoritmo System Diffused Emission, M2882N01, Algoritmo System Diffused Emission, System Diffused Emission, Diffused Emission, Emission
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References

- [User Manual](#)

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Algoritmo System Diffused Emission, Artemide, Diffused Emission, Emission, M073240, M075100, M077000, M198700, M221900, M2882N01, M2882N01 Algoritmo System Diffused Emission, System Diffused Emission

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