Carlo LED Downlight

F28249RC/F28343RC

Instruction Manual



| Model Number | F28249RC | F28343RC | | |
|-----------------|------------------------|------------------------|--|--|
| Wattage | MEGAMAN® TECOH®RDx 35W | MEGAMAN® TECOH®MHx 24W | | |
| System Wattage | 39W | 28W | | |
| Voltage | 220-240V~ | 220-240V~ | | |
| Frequency | 50/60Hz | 50/60Hz | | |
| External Driver | Required | Required | | |
| IP Rating | IP20 IP20 IP23 | 1P20 IP20 IP20 IP23 | | |

| Suggested | LED | Driver |
|-------------------------------|-----|--------|
| Model Num | ber | |

| Model N | Number | LD0435x1-C1050 | LD0424x1-C700 | LD0424x1v-C700 |
|---------|--------------------|----------------|----------------|--------------------------|
| Input | Uin (V) | 220-240V~ | 220-240V~ | 220-240V~ |
| | F (Hz) | 50/60 | 50/60 | 50/60 |
| | I (mA) | 190 | 130 | 145 |
| | λ | >0.9 | >0.9 | >0.9 |
| | Ta | -30°C to +40°C | -30°C to +40°C | -30°C to +40°C |
| | Tç | +85°C | +85°C | +85°C |
| Output | Vout (V) with Load | 34 | 36 | 36 |
| | Vout (V) Max | 50 | 50 | 50 |
| | I (mA) Constant | 1050 | 700 | 700 |
| Dimma | bility | No | No | Yes(With DC1-10V dimmer) |
| Lumina | ire Supported | F28249RC | F28343RC | F28343RC |

CAUTIONS

- Read the entire manual carefully before installation and operation.
- · It is recommended that the installation or replacement be performed by a licensed and qualified electrician.
- DO NOT touch the LED chip in the middle part of the lamp (the yellow chip).
- Doing so may result in module damage or malfunction.

 Switch off the power source before installation, replacement and cleaning.

 Wearing gloves during installation is recommended to ensure the luminaire is kept in the best condition.
- Before replacement of the luminaire or module, turn it off and allow it to cool down. Heat-resistant gloves are mandatory when handling the luminaire or
- module.
 The minimum safety distance from the illuminated object is 0.1m.
 Only the MEGAMAN®TECOH®RDx (max.35W) can be used with F28249RC and only the MEGAMAN®TECOH®MHx (max.24W) can be used with F28343RC.

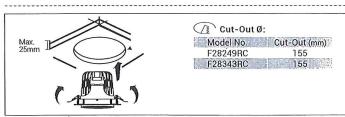
Using incandescent lamp, halogen or other kinds of light source will be resulted in risk of fire or electric shock.

- MEGAMAN® LED Constant Current Converter is Safety Extra-Low Voltage (SELV) output compliant.
- F28249RC and F28343RC are Class III luminaires. When F28249RC comes with MEGAMAN's LED converter LD0435x1-C1050 and F28343RC comes with MEGAMAN® LED converters LD0424x1-C700 or LD0424x1v-C700, both systems are Class II.
- In case other driver is used, it is recommended that the installation or replacement be performed by a licensed and qualified electrician.
- The manufacturer accepts no liability for any damage resulting from the misuse of the luminaire or from when it is used with inappropriate equipment.
- · Consult your dealer if you have any enquiries.

ATTENTION

- · Instant start is allowed.
- · Designed for indoor application.

Installation



F28343RC 1. Install the TECOH®MHx to the luminaire. 2. Remove the protective cap from the module. 3. Install the reflector to the luminaire. The ridge on the luminaire should be matched with hole of the reflector.

Relamping of F28249RC

Further technical guidance is required for the relamping of F28249RC, please contact your local distributor for assistance.

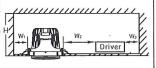
Correct Disposal of This Product

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe

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Safety Distance:

| Model No. | Wı(mm) | . W₂(mm) | Ws(mm) | H(mm) |
|-----------|--------|----------|--------|-------|
| F28249RC | 50 | 114 | 50 | 130 |
| F28343RC | 50 | 114 | 50 | 130 |



F28249RC/F28343RC

Remove the reflector, adjust the screw's tightness to control the friction by a screw driver.

