

Instruction Manual

TECHNICAL SPECIFICATION

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		

Suggested LED Driver

Model 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
Tc	+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
Dimmability	No	No	Yes (With DC1-10V dimmer)
Luminaire 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® 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

Max. 25mm

Cut-Out Ø:

Model No.	Cut-Out (mm)
F28249RC	155
F28343RC	155

Safety Distance:

Model No.	W ₁ (mm)	W ₂ (mm)	W ₃ (mm)	H(mm)
F28249RC	50	114	50	130
F28343RC	50	114	50	130

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.

F28249RC/F28343RC

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

355° rotating angle 45° tilting angle

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 recycling.

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