

MEGAMAN® RICO HR Ultra Slim LED Downlight



F53500RC/F53500RC-R9/F53500RC-w/F53500RCv1/F53500RCv1-R9/F53500RCv2/
F62300RC/F62300RC-R9/F62300RC-w/F62300RCv1/F62300RCv1-R9/F62300RCv2

Instruction Manual

TECHNICAL SPECIFICATION

Model Number	F53500RC	F53500RC-R9	F53500RC-w	F53500RCv1	F53500RCv1-R9	F53500RCv2
Input current	350mA	350mA	350mA	500mA	500mA	500mA
Wattage	6.5W	6.5W	6.5W	9W	9W	9W
Voltage	16-21VDC ~	16-21VDC ~	16-21VDC ~	16-21VDC ~	16-21VDC ~	16-21VDC ~
Dimmable	Yes	Yes	Yes	Yes	Yes	Yes
External Driver	Required	Required	Required	Required	Required	Required
CRI	Ra80	Ra95	Ra80	Ra80	Ra95	Ra80
IP Rating						

Model Number	F62300RC	F62300RC-R9	F62300RC-w	F62300RCv1	F62300RCv1-R9	F62300RCv2
Input current	350mA	350mA	350mA	500mA	500mA	500mA
Wattage	6.5W	6.5W	6.5W	9W	9W	9W
Voltage	16-21VDC ~	16-21VDC ~	16-21VDC ~	16-21VDC ~	16-21VDC ~	16-21VDC ~
Dimmable	Yes	Yes	Yes	Yes	Yes	Yes
External Driver	Required	Required	Required	Required	Required	Required
CRI	Ra80	Ra95	Ra80	Ra80	Ra95	Ra80
IP Rating						

Suggested MEGAMAN® LED Driver

Model Number	LD0208x1d-C350	LD0509x1d-C350	LD0512x1d-C500
Input Uin (V)	220-240~	220-240~	220-240~
F (Hz)	50/60	50/60	50/60
I (mA)	66	53	72
λ	>0.7	>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 I (mA)	350	350	500
Vout (V)	16-23VDC ~	16-24VDC ~	16-24VDC ~
Dimming Format	100-5% Triac dimming	100-5% Triac dimming	100-5% Triac dimming
Luminaire Supported	F53500RC / F53500RC-R9 / F53500RC-w / F62300RC / F62300RC-R9 / F62300RC-w	F53500RC / F53500RC-R9 / F53500RC-w / F62300RC / F62300RC-R9 / F62300RC-w	F53500RCv1 / F53500RCv1-R9 / F53500RCv2 / F62300RCv1 / F62300RCv1-R9 / F62300RCv2

CAUTIONS

- Read the entire manual carefully before installation and operation.
- It is recommended that the installation or maintenance be performed by a licensed and qualified electrician.
- DO NOT disassemble the luminaire. Doing so may result in lamp damage or malfunction.
- Before installation, replacement and cleaning, turn it off and allow it to cool down. Heat-resistant gloves are mandatory when handling the luminaire.
- The minimum safety distance from the illuminated object is 0.1m.
- MEGAMAN® RICO HR are Class III luminaire. When MEGAMAN® RICO HR is connected with Class II converters, for example MEGAMAN® LED converters, luminaire is considered as Class II luminaire.
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent.
- Caution to the risk of electric shock during installation or maintenance.
- The external flexible cable or cord of this luminaire cannot be replaced. If the cord is damaged, the luminaire shall be destroyed.
- The luminaire are not suitable for covering with thermally insulated material.
- 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.
- MEGAMAN® RICO HR is designed for indoor and outdoor recessed ceiling installation.
- The operating temperature of the luminaire is -30°C to +40°C.

Installation

Cut-Out Ø:

Model No.	Cut-Out (mm)
F53500RC	68
F53500RC-R9	68
F53500RC-w	68
F53500RCv1	68
F53500RCv1-R9	68
F53500RCv2	68
F62300RC	68
F62300RC-R9	68
F62300RC-w	68
F62300RCv1	68
F62300RCv1-R9	68
F62300RCv2	68

Safety Distance:

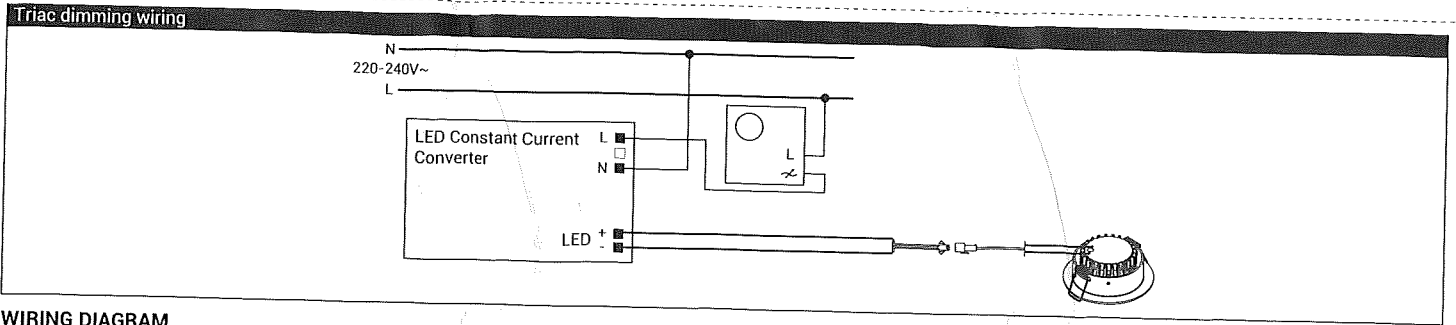
Model No.	W1 (mm)	W2 (mm)	W3 (mm)	H1 (mm)	H2 (mm)
F53500RC	80	80	80	80	Max. 25
F53500RC-R9	80	80	80	80	Max. 25
F53500RC-w	80	80	80	80	Max. 25
F53500RCv1	80	80	80	80	Max. 25
F53500RCv1-R9	80	80	80	80	Max. 25
F53500RCv2	80	80	80	80	Max. 25
F62300RC	80	80	80	24	Max. 25
F62300RC-R9	80	80	80	24	Max. 25
F62300RC-w	80	80	80	24	Max. 25
F62300RCv1	80	80	80	24	Max. 25
F62300RCv1-R9	80	80	80	24	Max. 25
F62300RCv2	80	80	80	24	Max. 25

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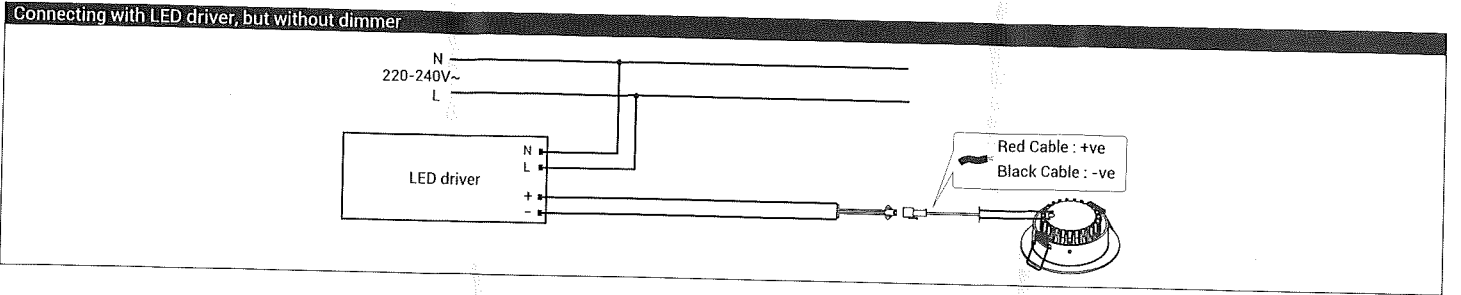
F53500RC/F53500RC-R9/F53500RC-w/F53500RCv1/F53500RCv1-R9/F53500RCv2/
F62300RC/F62300RC-R9/F62300RC-w/F62300RCv1/F62300RCv1-R9/F62300RCv2



Installation



WIRING DIAGRAM

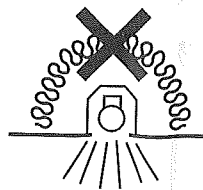


Correct Disposal of This Product

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.

Neonlite Electronic & Lighting (HK) Ltd.

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For luminaires with LED converters



For luminaires without LED converters



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