
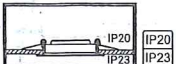
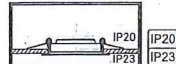
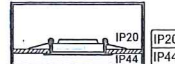
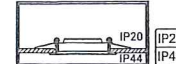
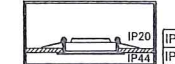
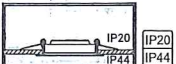
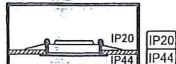


Instruction Manual

TECHNICAL SPECIFICATION

Model Number	F27500RC	F27600RC	F28400RC	F29600RC	F29700RC	F29800RC
Input current	350mA	350mA	350mA	350mA	350mA	500mA
Wattage	7W	7W	7W	7W	11W	19W
Voltage	17-21VDC =	17-21VDC =	20-23VDC =	20-23VDC =	28-33VDC =	37-43VDC =
Dimmable	Yes	Yes	Yes	Yes	Yes	Yes
External Driver	Required	Required	Required	Required	Required	Required
IP Rating						

Model Number	F29900RCv1	F29900RC
Input current	700mA	1050mA
Wattage	25W	32W
Voltage	34-40VDC =	28-33VDC =
Dimmable	Yes	Yes
External Driver	Required	Required
IP Rating		

Suggested MEGAMAN® LED Driver

Model Number	LD0208x1d-C350	LD0212x1-C350	LD0219x1-C500	LD0219x1v-C500	LD0425x1-C700	LD0425x1v-C700	LD0436x1-C1050
Input							
U _{in} (V AC)	220-240~	220-240~	220-240~	220-240~	220-240~	220-240~	220-240~
F (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60
I (mA)	50	85	123	135	172	189	217
λ	>0.7	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9
T _a	-30°C to +40°C	-30°C to +40°C	-30°C to +40°C	-30°C to +40°C	-30°C to +40°C	-30°C to +40°C	-30°C to +40°C
T _c	+85°C	+85°C	+85°C	+85°C	+85°C	+85°C	+85°C
Output							
I (mA)	350	350	500	500	700	700	1050
V _{out} (V)	18-22VDC =	28-43VDC =	28-43VDC =	28-43VDC =	30-43VDC =	30-43VDC =	25-38VDC =
Dimming Format	100-10% Triac dimming	Non-dimmable	Non-dimmable	100-1% 1-10V dimming	Non-dimmable	100-1% 1-10V dimming	Non-dimmable
Luminaire Supported	F27500RC / F27600RC F28400RC / F29600RC	F29700RC	F29800RC	F29800RC	F29900RCv1	F29900RCv1	F29900RC


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.
- Switch off the power source before installation, replacement and cleaning.
- Wearing gloves during installation is recommended to ensure the luminaire keeping in the best condition.
- These models are capable of linear dimming by using standard dimming drivers

ATTENTION

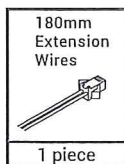
- Instant start is allowed.
- F27600RC and F28400RC are designed for indoor and recessed ceiling installation.
- F27500RC, F29600RC, F29700RC, F29800RC, F29900RCv1 and F29900RC are

such as DALI, DSI or 1-10V. Please visit www.megaman.cc for the list of recommended drivers.

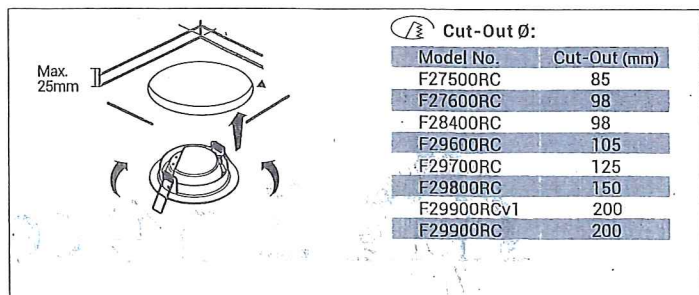
- Before replacement of the luminaire, turn it off and allow it to cool down. Heat-resistant gloves are mandatory when handling the luminaire.
- The minimum safety distance from the illuminated object is 0.1m. 
- The manufacturer accepts no liability for any damage resulting from the misuse of the luminaire or from when it is used with inappropriate equipment.
- Consult your dealer if you have any enquiries.

designed for indoor and outdoor recessed ceiling installation.
• The operating temperature of the luminaire is -30°C to +40°C.

PART LIST



Installation

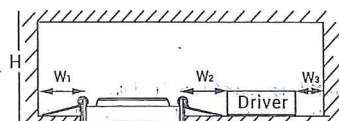


③ Cut-Out Ø:

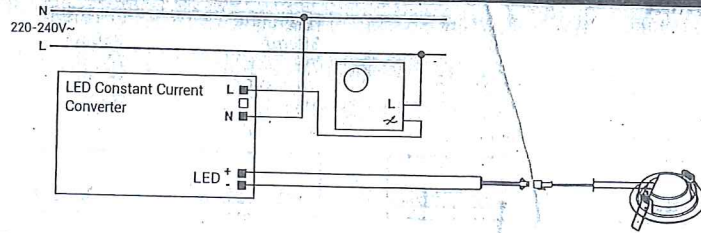
Model No.	Cut-Out (mm)
F27500RC	85
F27600RC	98
F28400RC	98
F29600RC	105
F29700RC	125
F29800RC	150
F29900RCv1	200
F29900RC	200

Safety Distance:

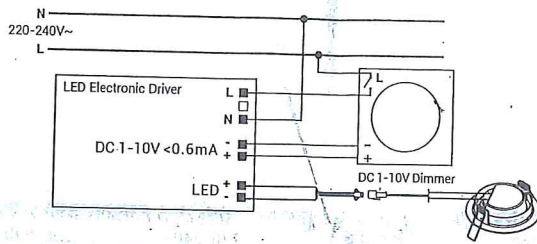
Model No.	W ₁	W ₂	W ₃	H
F27500RC	100	100	50	40
F27600RC	100	100	50	40
F28400RC	100	100	50	40
F29600RC	100	100	50	40
F29700RC	100	100	50	40
F29800RC	100	100	50	45
F29900RCv1	100	100	50	50
F29900RC	100	100	50	50



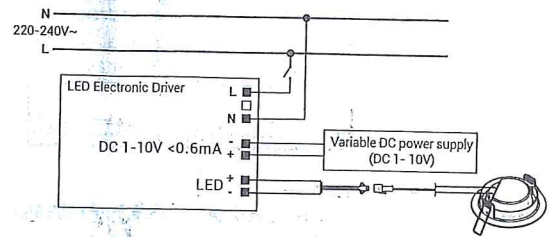
Triac dimming wiring



Wiring diagram for connecting LED Electronic Driver with DC 1-10V Dimmer

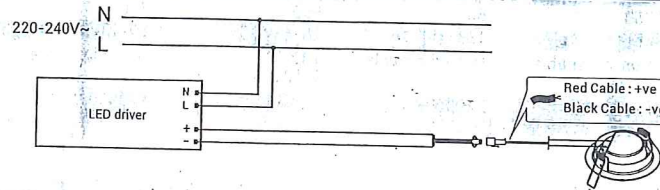


Wiring diagram for connecting LED Electronic Driver with variable DC power supply (DC 1-10V)



WIRING DIAGRAM

Connecting with LED driver, but without dimmer



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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 Kwun Tong, Kowloon, Hong Kong.

