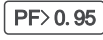




**Art nr.: M2-BOX**

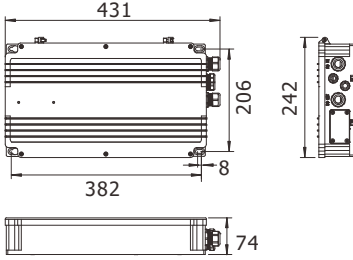
**E-nr:**



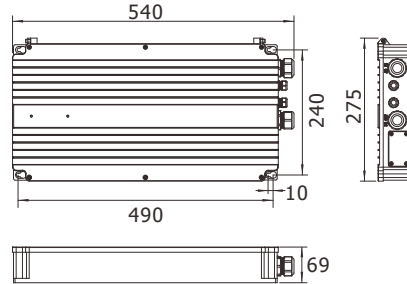
RoHS



**Dimensions (Unit: mm)**



**Art nr.**  
M2-BOX450  
M2-BOX450D  
M2-BOX650  
M2-BOX650D

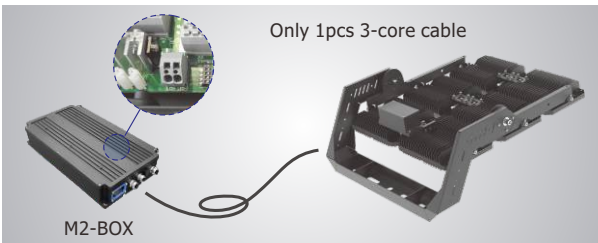


**Art nr.**  
M2-BOX900  
M2-BOX900D  
M2-BOX1350  
M2-BOX1350D

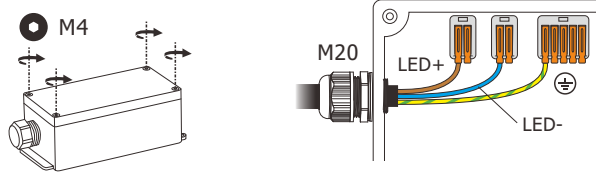
Art nr.	M2-BOX450 (D)	M2-BOX650 (D)
Input Voltage (50/60Hz)	AC100-240V	AC100-240V
Output Voltage	DC180-229V	DC180-229V
Built-in driver	<b>2 pcs</b>	<b>3 pcs</b>
Extra 20KV SPD	✓	✓
G2.0 driver control board	✓	✓
Dimmable	0/10V (Dali-2)	0/10V (Dali-2)
AC /DC cable (optional)	3-core 1.5/2.5mm <sup>2</sup>	3-core 1.5/2.5mm <sup>2</sup>
Dimension	431 x 242 x 74 mm	431 x 242 x 74 mm
Net weight	4.5 Kg (5.1Kg)	5.3 Kg (6.2Kg)

Art nr.	M2-BOX900 (D)	M2-BOX1350 (D)
Input Voltage (50/60Hz)	AC100-240V	AC100-240V
Output Voltage	DC180-229V	DC180-229V
Built-in driver	<b>4 pcs</b>	<b>6 pcs</b>
Extra 20KV SPD	✓	✓
G2.0 driver control board	✓	✓
Dimmable	0/10V (Dali-2)	0/10V (Dali-2)
AC /DC cable (optional)	3-core 1.5/2.5mm <sup>2</sup>	3-core 1.5/2.5mm <sup>2</sup>
Dimension	540 x 275 x 69 mm	540 x 275 x 69 mm
Net weight	6.2 Kg (7.2Kg)	7.9 Kg (9.3Kg)

**Wiring of separated control gear solution**



**(1) Connection of luminaire**



**(2) Connection of control gear**

Label	Description
LED+	LED+ Connection
LED-	LED- Connection
Dim-	Dim- Connection
Dim+	Dim+ Connection
L	Live
N	Null
PE	Protection Earth

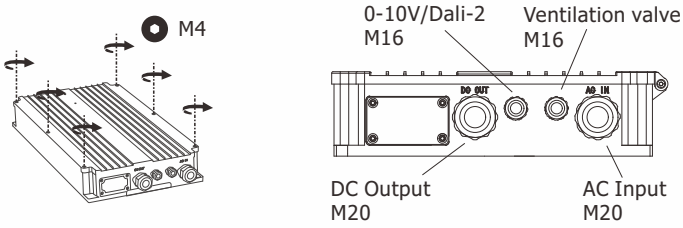
Stripping Length

8-9mm

**Note:** According to the actual needs, the number of connectors will increase or decrease. Different dimming function cannot be used at the same time.



### (3) Cable gland of M2-BOX



Connection	Cable Gland	Toque (N*m)	Cable Diameter (mm)	Cable Section (mm <sup>2</sup> )
AC Input	M20	5.5	10-12	1.5/2.5
DC Output	M20	5.5	10-12	1.5/2.5
Dimmable	M16	2.5	7-10	1.0-1.5

### Installation ways



Control Gear on the lamp



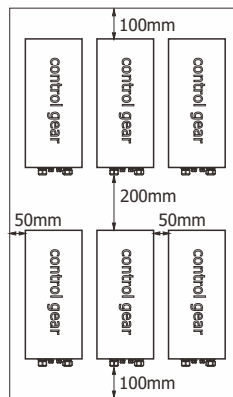
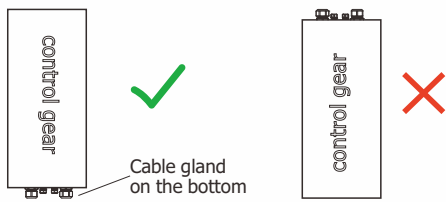
Control Gear fixed on the pole



Control Gear put in the electric cabinet

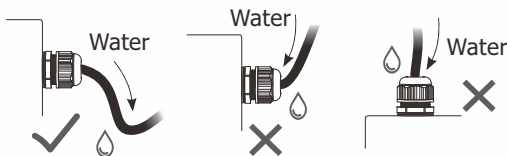
#### Note:

#### Installation of control gear (driver box)



The minimum distances between control gear or wall

Cable wiring

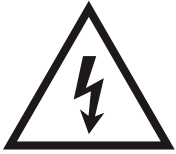
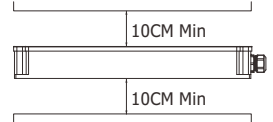


working temperature:  
-20~50°C



## Caution:

1. Waterproof connectors and installation tools are not included. Installation and maintenance must be performed by qualified person.
2. screws were tighten up.
3. Ground wire must be well connected.
4. Please make sure the control gear is working with correct input voltage.
5. Do not use chemicals or corrosive cleaner to clean this.
6. The minimum clearance distance from the top and sides of the control gear to normally flammable building elements is 10 cm.
7. WARNING: FELV terminals marked "Risk of electric shock" are not safe to touch.



Danger: electricity

WARNING: Circuits connected to any FELV control terminal shall be insulated for the LV supply voltage of the control gear and any terminals connected to the FELV circuit shall be protected against accidental contact.

## Utilization of used lamps

Control gear must be disposed of in accordance with current regulations concerning environmental protection. Proper utilization of equipment enables preserving valuable environmental resources and avoiding adverse impacts on health and the environment, which may be threatened by inappropriate waste handling.

