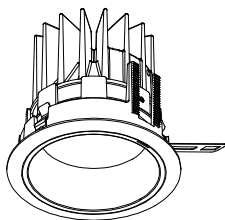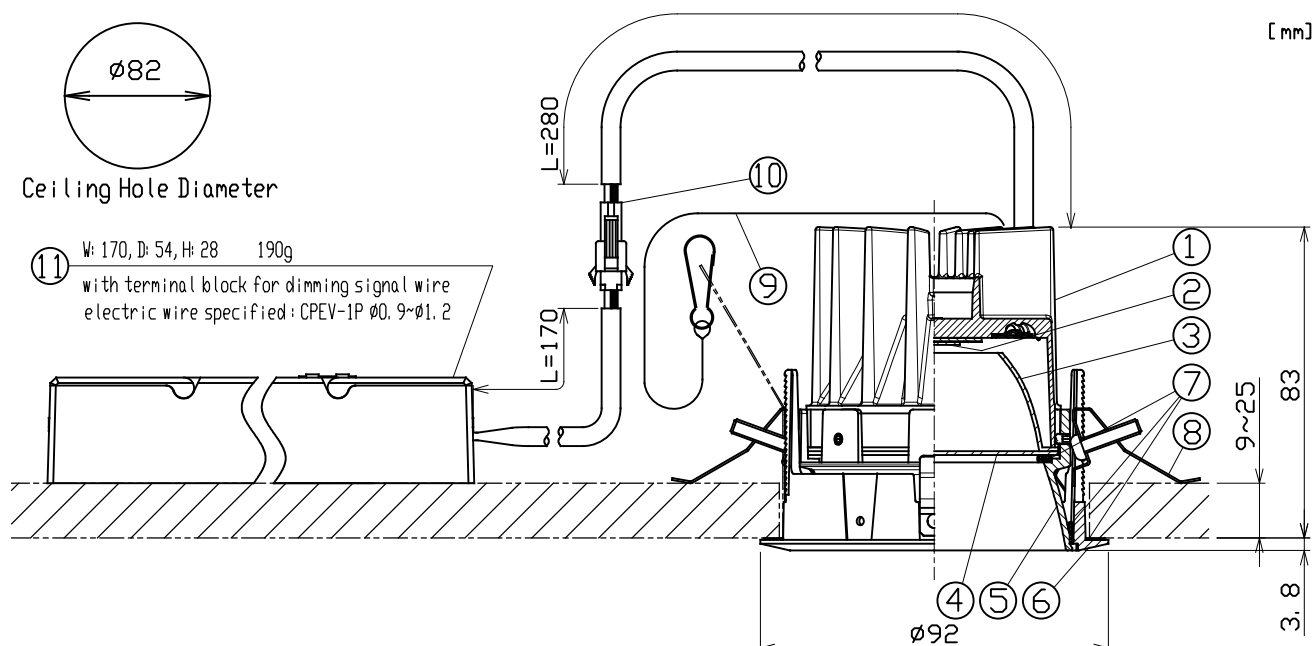**Discontinued product**

## SPECIFICATION

- Light Source — LED Module (Mounted)
- Cone — White Cone(W), Matte black Cone(MC)
- Flame — White(PWF) , Matte black(PMF)
- Light Distribution — Flood(F), Medium(M)
- Dimming method — 0-10V
- Input Voltage — 220V±6%, 240V±6%(Dedicated driber input voltage)
- Input Current — 0. 148A (Dedicated driver input voltage, 220V input)
  0. 136A (Dedicated driver input voltage, 240V input)
- Power Consumption — 29. 3W (Included dedicated driver, 220V input)
  29. 4W (Included dedicated driver, 240V input)
  *The power consumption is measured based on the measuring method, JIS C 8105-3.
- Dedicated Driver — Constant current (50/60Hz shared)
- Fixture Input Voltage — 36. 8V
- Fixture Input Current — 0. 7A
- Dimming signal input current — 2mA
- Weight — 480g (Driver weight is included)
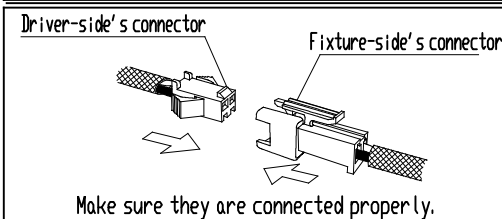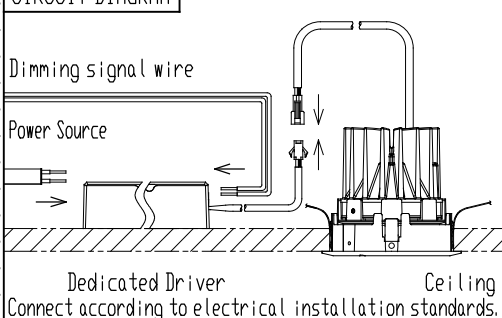- Safety wire included

IP45

### PRODUCT CODE

MSP-080F/WC/PWF/M・F/20B27/Z2/3
MSP-080F/WC/PWF/M・F/20B30/Z2/3
MSP-080F/WC/PWF/M・F/20B35/Z2/3
MSP-080F/WC/PWF/M・F/20B40/Z2/3

MSP-080F/MC/PWF・PMF/M・F/20B27/Z2/3
MSP-080F/MC/PWF・PMF/M・F/20B30/Z2/3
MSP-080F/MC/PWF・PMF/M・F/20B35/Z2/3
MSP-080F/MC/PWF・PMF/M・F/20B40/Z2/3

[mm]



Ø82

Ceiling Hole Diameter

⑪ W: 170, D: 54, H: 28    190g
with terminal block for dimming signal wire
electric wire specified : CPEV-1P Ø0. 9~Ø1. 2

L=280
L=170
Ø92
83
9~25
3. 8

| | PARTS | MATERIAL | REMARK |
|---|---|---|---|
| 1 | Body | ADC | Acrylic Baking Finish |
| 2 | LED Module | | |
| 3 | Reflector | Aluminum | |
| 4 | Filter | Resin | |
| 5 | Cone | ADC | Acrylic Baking Finish |
| 6 | Mounting Frame | ADC | Acrylic Baking Finish |
| 7 | Packing | Rubber sponge | |
| 8 | Unit Mounting Spring | Stainless Steel | |
| 9 | Safety Wire | Stainless Steel | |
| 10 | Safety Connector | Resin | |
| 11 | Dedicated Driver | Resin | 0-10V control dimming system |

### CIRCUIT DIAGRAM

Dimming signal wire

Power Source

Dedicated Driver          Ceiling
Connect according to electrical installation standards.

Driver-side's connector          Fixture-side's connector

Make sure they are connected properly.

**ATTENTION**
- Use within 0℃~35℃ ambient temperature range.
- Do not cover fixtures with the heat insulator etc.
- Keep distance of the fixtures and objects 0. 2m or more.
- Danger ! Do not remodel fixtures.
- Do not use a radio or TV near the fixtures. The unit may generate noise in the radio or TV.
- Connect a safety wire to the fixture and mounting frame directly.
- Emission color and brightness would be different even within the same model.
- Do not install fixture in directions other than directly below. Waterproof performance may change.
- Please use constant current driver.
- There is no sending terminal block on the dedicated driver (primary side).
- Connect input-side power wire to the approved driver directly.
- The height of inside the ceiling have to be 150mm or more to install the driver there.
- Use 0-10V control dimming system (SR-2830AS-1-10) only.
- Calculate the capacity in accordance with JIS C8155 standard.
- In the state that I put in a Mounting Frame, please do not turn the instrument. There are cases where protection performance changes.
- The water-resistance capability with indoor and within the ceiling is different.
  There is no water resistance capability on the ceiling side. Do not install at places where water comes in within the ceiling.
- The fixture is ceiling mounting exclusive use. Do not mount inclined ceilings or walls.
- Do not use in high-humidity areas such as saunas.
- If the irregularities of the ceiling material is large, please be flat.