



VOLTAGE	AC 100-240V / 277V
PROTECTION CLASS	Class I (Default) / Class II
POWER FACTOR	>0.95
OPERATING TEMP	-40°C ~ +50°C
OPTICS	Type II, Type III
HOUSING	High pressure die-cast aluminum
HOUSING COLOR	Gray (Default) / Others (available on request)
MOUNTING	Side entry or Vertical pole mounted
IP RATING	IP66
IK RATING	IK08 /IK10
Lifespan L70 at 25 °C	>100, 000 h
MAX MOUNTED HEIGHT	15m
CERTI. / WARRANTY	CE/CB/ENEC/ENEC+/ROHS, 5 years

CAUTION

- Installation and maintenance must be performed by professionals only.
- Please ensure the pole is strong enough and the screws are tightened.
- The ground wire must be securely connected.
- Please make sure the lamp is working with correct input voltage.
- Cut off the power before maintenance.
- Do not use chemicals or corrosive cleaner to clean the fixture.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by qualified person in order to avoid a hazard.

Version	Nominal Wattage W	Fixture Dimension mm	Fixture Weight kg	Packing Type units /ctn	EPA m ²
ST41-S	20 / 40 / 60 / 80	610 x190 x143	4.6(±0.1)	1	0.139
ST41-M	80 / 100 / 120 / 150	660 x240 x143	5.7(±0.1)	1	0.190
ST41-L	150 / 180 / 200 / 240	762 x290 x143	8.0(±0.1)	1	0.265

INSTALLATION & CONNECTION INSTRUCTIONS

STEP 1: Open the package and check the product. In case of any damage, contact us.

STEP 2: Fasten the fitter onto street light with screws provided and adjust the fitter in the desired tilt angle.

STEP 3: Open the clips and Insert the pole and external power cord into the luminaire. Tighten the M16 connector.

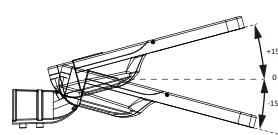
STEP 4: connect the cable to Knife switch or terminal block, Be sure to connect the cable correctly.

Brown-Live, Blue- Neutral, Yellow/Green-Ground. Fix the luminaire and pole by allen wrench.

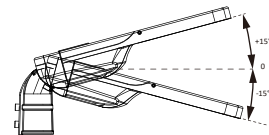
STEP 5: Close the cover and clips. Switch the voltage on and check to see that the street light works properly.

Recommended torque: 17Nm ± 1Nm

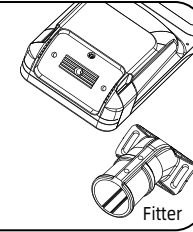
Adjustable tilt angle: ±0-5-10-15°



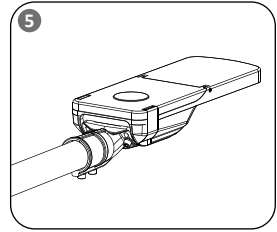
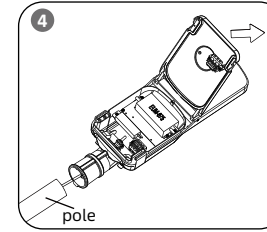
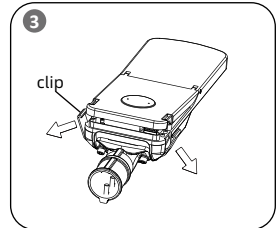
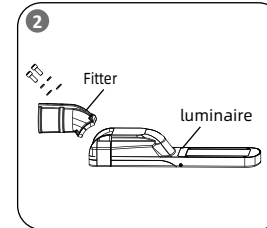
Horizontal Installation



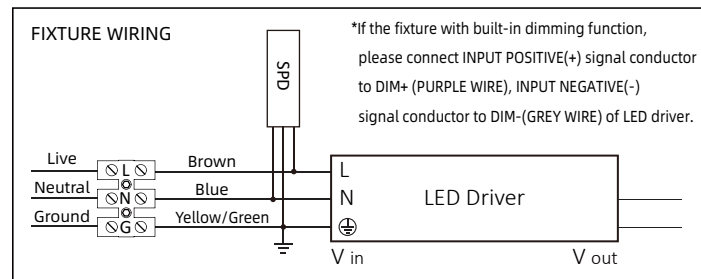
Vertical Installation



Fitter

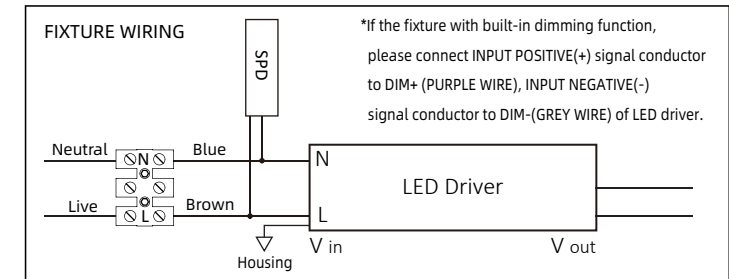


Wiring Diagram 1 - Class I BASED



Input cable should be at least H05RN-F 3x1.0mm²(SJTW 18AWG) or outdoor grade cable with rubber sheathed(not supplied). The cable must have a minimum cross sectional area of 1.0mm²(18AWG).

Wiring Diagram 2 - Class II BASED



Input cable should be at least H05RN-F 2x1.0mm²(SJTW 18AWG) or outdoor grade cable with rubber sheathed(not supplied). The cable must have a minimum cross sectional area of 1.0mm²(18AWG).