# S160

## 120V Connector



IP65, ETL certified based on UL 1598, CSA C22.2#250.0, the AC110~120V Fuse Box Power Lead (Part 1) is engineered for certified power distribution systems, designed to meet stringent safety and regulatory requirements. It interfaces seamlessly with Part 2, a precision extension assembly featuring dual high-voltage injection-moulded front connectors with integrated male and female terminations, enabling secure modular chaining and minimizing electrical resistance across connections. Part 3 offers the same injection-moulded high-voltage front connector interface (identical cable entry to Part 2) and is configured with a female connector and protective end cap for safe, certified line termination. All components are constructed with high-dielectric materials, precision moulded housings, and certified connection geometry to ensure mechanical durability.




NOTES:
1. Connector Tolerance ±0.02in (0.5mm)
2. Do not apply force to the feed cable
3. Ensure Max. Cable Lengths are followed according to wire gage to avoid voltage drop.
4. The products will be made and preassembled in compliance with the required certificate and lengths, and any cutting or disassembly on site is forbidden.
5. Attention should be paid that all unconnected female connectors shall be sealed with terminal caps.

**ORDER CODE**

INPUT - 01

| C | 1 | | 5 | | |
|---|---|---|---|---|---|
| **PROFILE** | **BEND** | **WIRING** | **INPUT CONNECTOR TYPE** | **INPUT ORIENTATION + TYPE** | **INPUT CABLE LENGTH (LEAD WIRE)** |

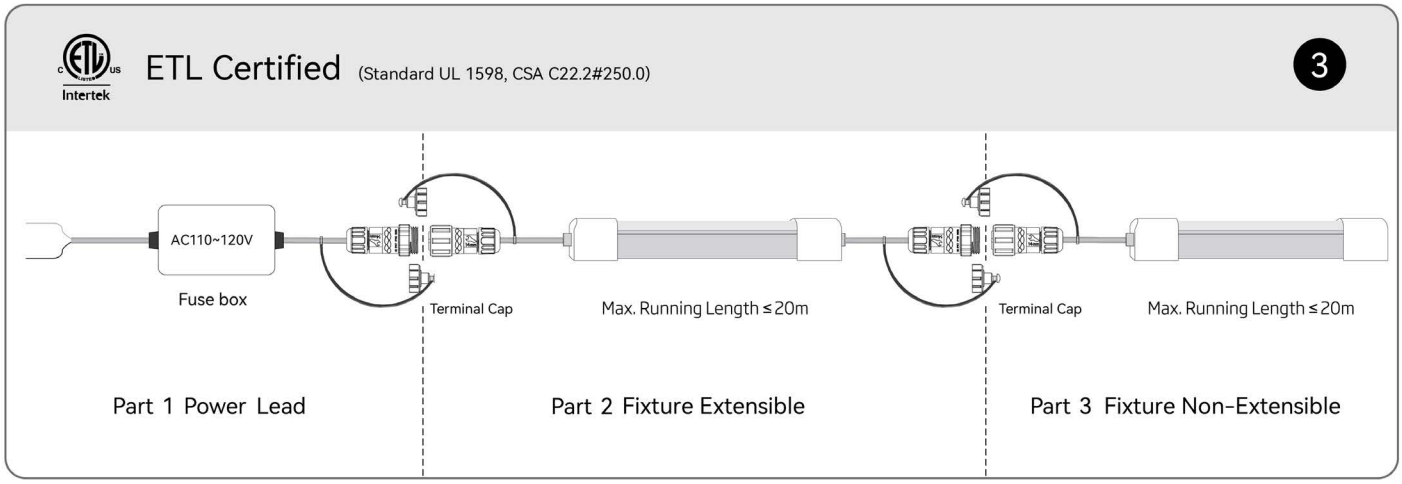
OUTPUT - 02

| C | 1 | | 5 | | |
|---|---|---|---|---|---|
| **PROFILE** | **BEND** | **WIRING** | **OUTPUT CONNECTOR TYPE** | **OUTPUT ORIENTATION + TYPE** | **OUTPUT CABLE LENGTH (LEAD WIRE)** |
| C = S160 | 1 = Side | 1 = 2 Wire (Static)<br>0 = N/A (End Cap) | 5 = 120V Connector | J = End Exit Extensible<br>K = Side Exit Extensible<br>M = Bottom Exit Extensible<br>N = End Exit Non-Extensible<br>O = Side Exit Non-Extensible<br>Q = Bottom Exit Non-Extensible<br>Y = Extensible 02 Exit + Female Screw Lock<br>I = End Cap<br>T = N/A | 1 = 0.98ft (0.3m)<br>2 = 3.28ft (1m)<br>3 = 9.84ft (3m)<br>4 = 16ft (5m)<br>5 = 32.81ft (10m)<br>8 = N/A<br>X = Custom |

# S160

## 120V Connector

COMPLEXITY, SIMPLIFIED.



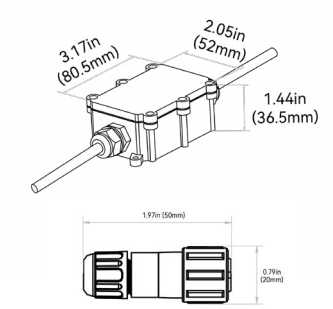

PART 1: Three types of certifications are optional. Please connect this part with Part 2 or Part 3 according to the specific certification of the product.

PART 2: The both ends are attached with high voltage injection-moulded front connectors and respectively equipped with male and female connectors, which can be used as an extension for Part 1.

PART 3: The both ends are attached with high voltage injection-moulded front connector (same cable entry as Part 2) equipped with female connector and end cap respectively. The overall IP rating is secured up to IP65 after the assembly is finished.

### FUSE + POWER LEAD + BARREL CONNECTORS: MANDATORY



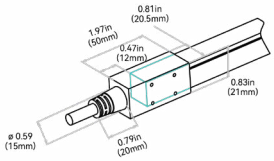



1.It's SJTW cable with 18AWG*2wires inside. 4.6ft (1.4m) and 0.98ft (0.3m) standard cable lengths before and after the fuse box correspondingly, and custom cable length is optional, while total length of cable and light shall be within 137.8ft (42m) considering the voltage drop.
2.Fuse box is connected with junction box and light at both ends.
3.It's forbidden to open the fuse box in the process of installation and use.
4. The tolerance is ±0.08in (2mm).
5. For plug and play cable junction IP65

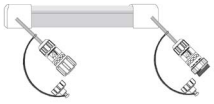
### 120V CONNECTOR - EXTENSIBLE

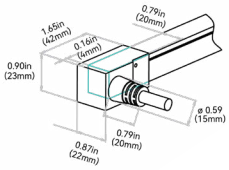
#### END EXIT EXTENSIBLE: C115J#



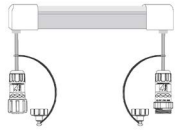


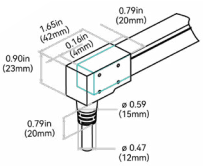

#### SIDE EXIT EXTENSIBLE: C115K#






#### BOTTOM EXIT EXTENSIBLE: C115M#






1.Out of the convenience of installation and maintenance, max. delivery length is 65.6ft (20m) each light, and up to 131.2ft (40m) in series connection.
2. It's SJTW cable with 18AWG*2 wires inside. 0.98ft (0.3m) standard or custom cable length is optional, while total length of cable and light shall be within 137.8ft (42m) considering the voltage drop.
3. Please seal the last connector by the terminal cap to make it waterproof.
4. Three types of cable entry including End, Side, and Bottom are available.

# S160

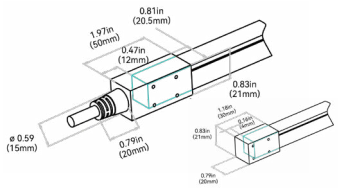
## 120V Connector

COMPLEXITY, SIMPLIFIED.

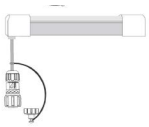
### 120V CONNECTOR - NON-EXTENSIBLE

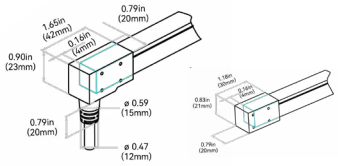
#### END EXIT NON-EXTENSIBLE: C115N#





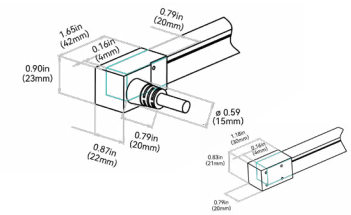

#### BOTTOM EXIT NON-EXTENSIBLE: C115Q#






#### SIDE EXIT NON-EXTENSIBLE: C115O#






1. Out of the convenience of installation and maintenance, max. delivery length is 65.6ft (20m) each light.
2. It's SJTW cable with 18AWG*2 wires inside. 0.98ft (0.3m) standard or custom cable length is optional, while total length of cable and light shall be within 137.8ft (42m) considering the voltage drop.
3. Three types of cable entry including End, Side, and Bottom are available.