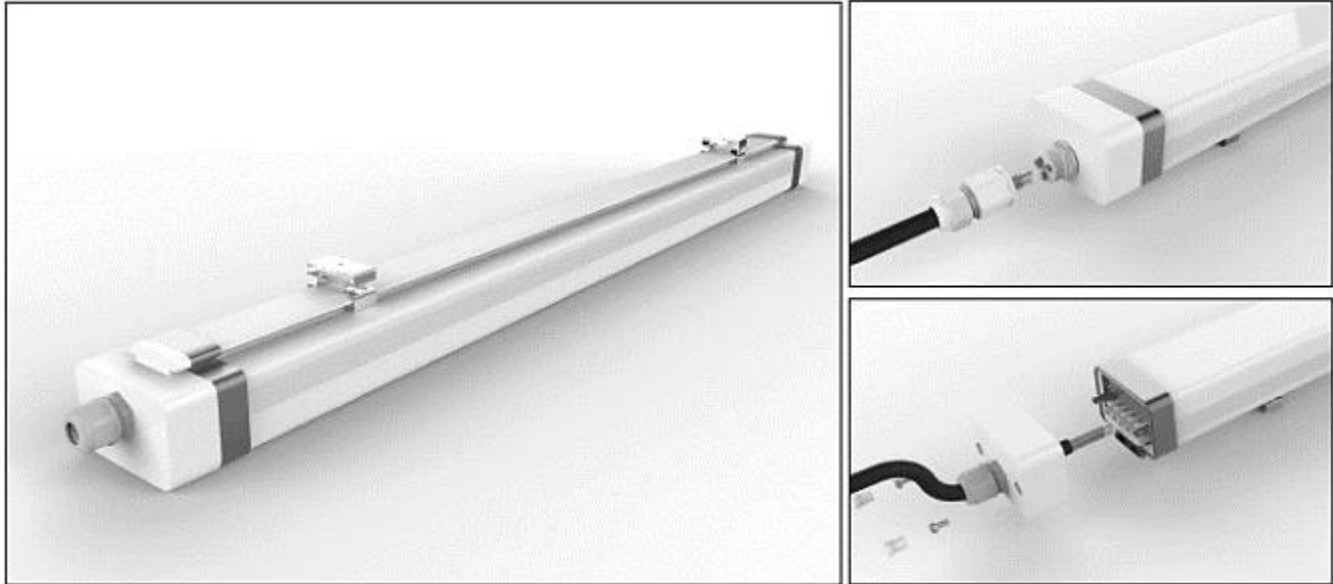# Parker Phoenix II
PL07C

Linear LED Luminaire with Optional Dimming, Motion Sensor and Linkability

Parker Phoenix II PL07C is an ambient linear vapor tight LED product with high efficiencies of 140 lm/W, an aluminum body to enhance heat dissipation, and flexible installation supporting either surface or suspended mounting kits. Designed with a full-length polycarbonate lens, it is a waterproof, dustproof and pressure proof product that can be used in a wide variety of industrial and commercial environments such as warehouses, parking lots, stairwells and many more.

FEATURES

- IP66 / IK10
- SDCM 3 or 6
- Up to 140 lm/W
- Linkable Option
- Non-Flicker
- Up to 70% Energy Savings
- Fast Fit and Zero Maintenance
- 78,000 Hours (L70B10/Ta 25℃), 5 Year Warranty
- Wide Use in Commercial and Industrial Applications
- Emergency | Microwave | Dimmable Available

APPLICATION

- **INDUSTRIAL**
  Warehouses, Production Halls, Parking Areas, Stairwells

- **EDUCATION**
  Classrooms, Cafeterias, Auditoriums, Sports Halls

- **SEMI-OUTDOOR**
  Car Garages, Pools, Airports, Train/Bus Stations, Gas Stations, Parks, Toll Stations

- **SHOP & RETAIL**
  Shopping Malls, Supermarkets, Retail Stores

- **ARCHITECTURAL**
  Exhibition Centers, Libraries, Museums, Concert Halls

SIZE

Model No.	Size A (feet)	Size B (inches)	Size C (inches)
PL07C	2 FT	3.3"	2.5"
PL07C	4 FT	3.3"	2.5"
PL07C	5 FT	3.3"	2.5"

SPECIFICATIONS

MODEL	POWER (W)	Clear Cover LUMENS	lm/W
PL07C / 2FT	20	2200	110
PL07C / 4FT	40	4400	110
PL07C / 5FT	50	5500	110
PL07C / 5FT	65	7150	110

Note: *Frosted cover is 10 lm/W less than clear cover.

Above lumens based on 4000K Ra: 80

TECHNICAL PRODUCT INFORMATION

Operating: -20~+40℃   **Storage:** -40~+85℃

Light Source: 2835

CRI Range: 80 / 90 / 95

Certification: UL

Beam Angle: 120°

CCT Range: 3000K | 4000K | 5000K | 6500K

AC Input: 100-277V   50/60Hz

Light Efficiency: 110 lm/W (Standard), 140 lm/W (High Efficiency)

Size (inches): 3.3(W)* 2.5(H)

Waterproof: IP66 & IK10

Recommended Installation Height: 6.5-26ft

**Function:** ☐ Dimmable ☐ Linkable ☐ Motion Sensor Dimming to be 0-10V

ACCESSORIES

01   02   03

|	IMAGE	DESIGNATION	MATERIAL	DESCRIPTION	QUANTITY (pcs)	ACCESSORY USE
Standard Accessories	01	Metal Bracket	Stainless Steel	2" x 1.5" x .75"	2	Suspension and Ceiling Mount
	02	Screw	Stainless Steel	5/32" x 25/32"	4	Ceiling Mount
Optional Accessories	03	Suspension Cable	Stainless Steel	Length in Feet 3 / 4 / 5 / 10	2	Suspension Mount

INSTALLATION

1. Standard (with cable)

US:
EU:

US:		EU:	
"L"	Black	"L"	Brown
"N"	White	"N"	Blue
"E"	Green	"E"	Green-Yellow
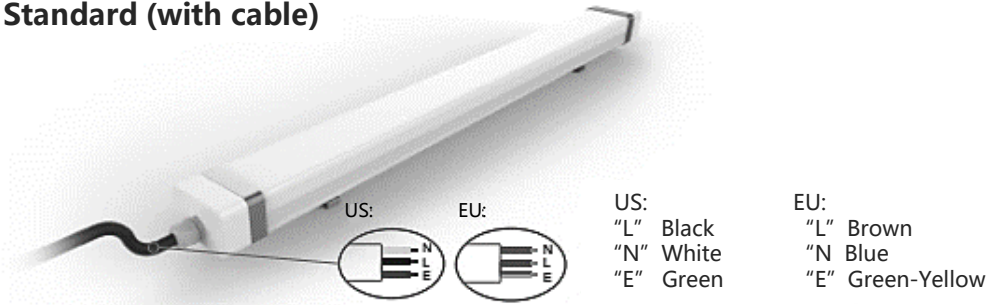
2. Fast Fit Connector Plug

Cable Standard
Dimension: 2.5" <Cable<.43"
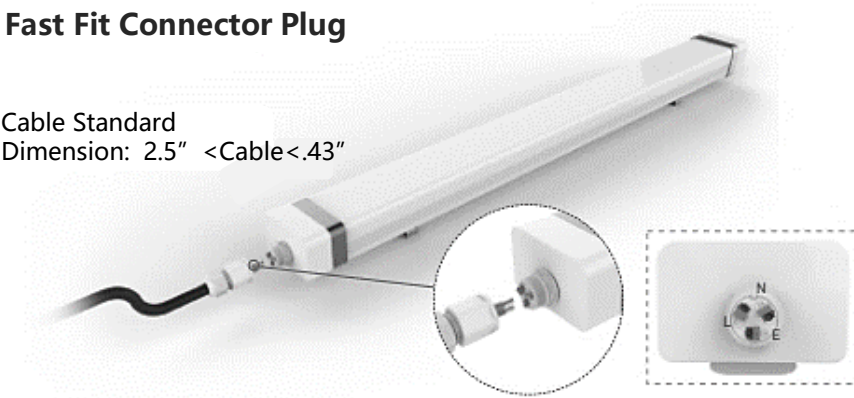
3. Terminal Connector

Cable Standard
Dimension: .31" <Cable<.45"

### 4. Linkable

3*1.5mm².
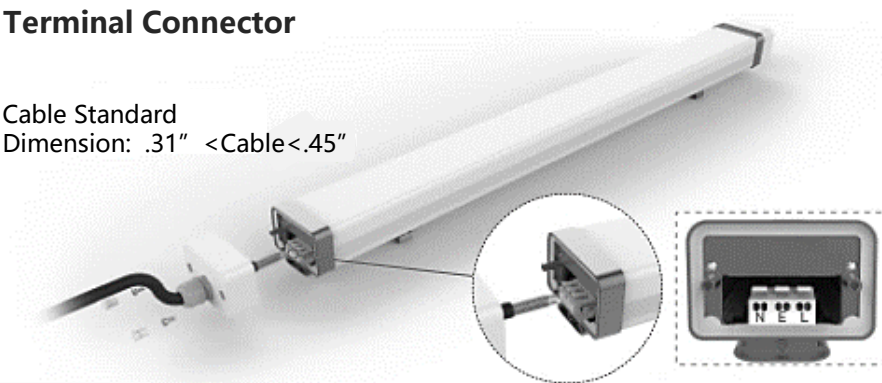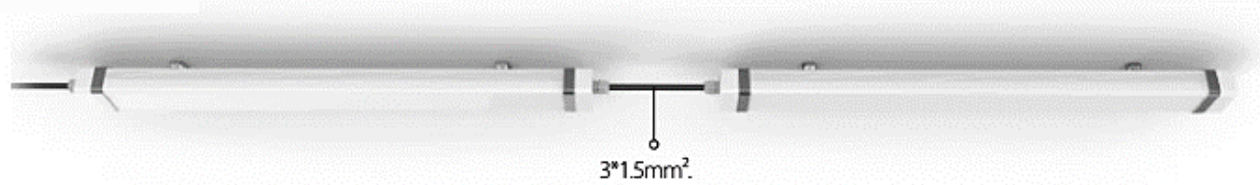
How many luminaires can be connected?

Input Voltage	Max Qty	Size Cable (mm)	Input Voltage	Max Qty	Size Cable (mm)
100VAC/20W	16	optional	230VAC/20W	32	optional
100VAC/40W	8	optional	230VAC/40W	16	optional
100VAC/50W	7	optional	230VAC/50W	13	optional
100VAC/65W	5	optional	230VAC/65W	10	optional

INSTALLATION

The min. diameter is 1.0mm²/18AWG

Junction box
(User Provide)

Min.1.0mm²/18AWG

N
L
E

Fig. 1
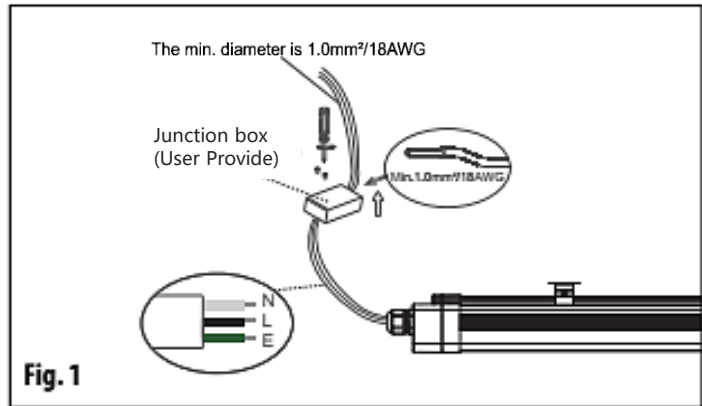
SURFACE MOUNT

Connect the wire to the junction box

Ceiling Mounted Hole

Fig. 2
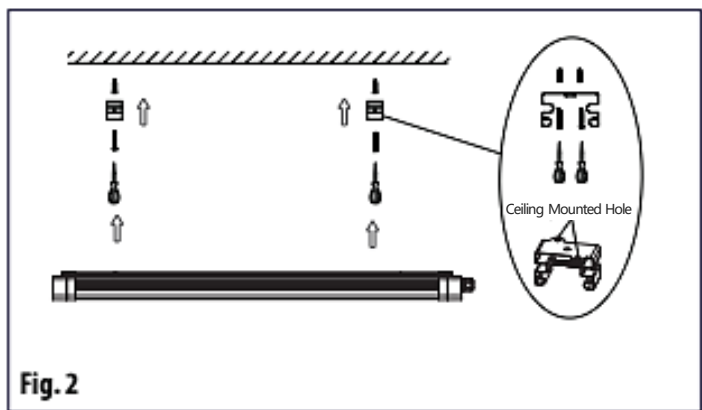
CEILING MOUNT

A. **Mark correct position and screw hole.**
B. **Screw the clip on the ceiling tightly.**
C. **Install the lamp into the clips.**
D. **Adjust the position of the fixture and clean it.**

Suspending Hole

Fig. 3
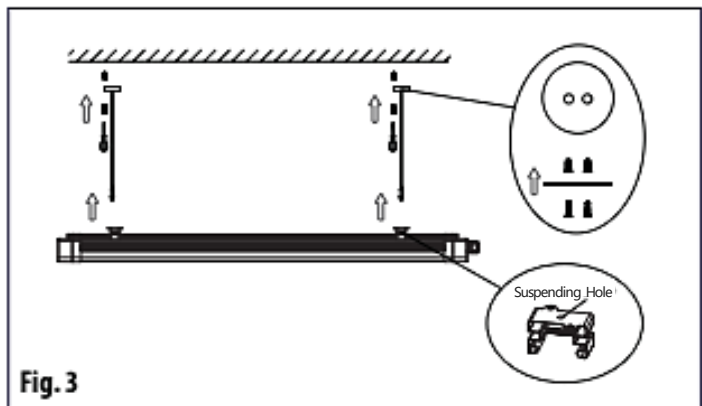
SUSPENSION MOUNT

A. **Mark correct position and screw hole.**
B. **Screw the steel cable onto the ceiling.**
C. **Hang the fixture under the steel cable and secure the fixture by the steel cable**
D. **Adjust the position of the fixture and clean it.**