



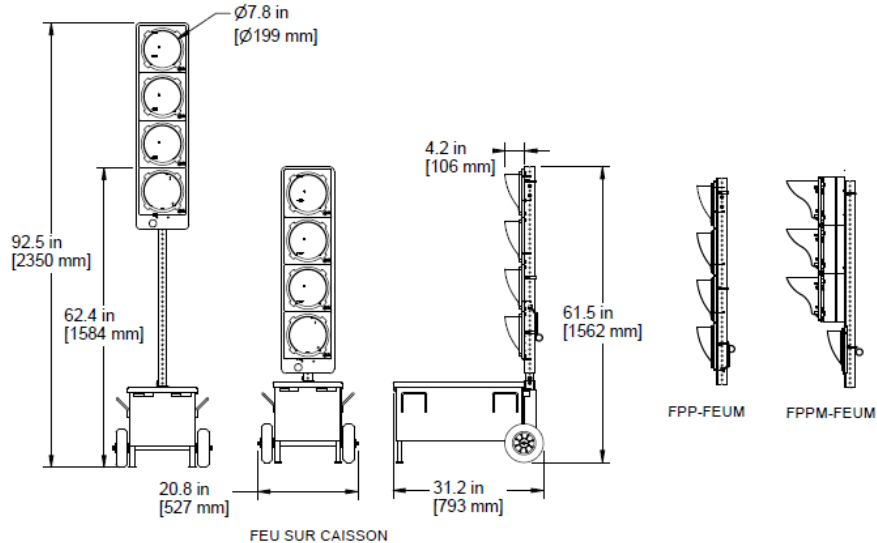
Product Code : **FPP**
 Product Name: FLEX Traffic Lights Profile +

Created : 06/11/2023 By : E. Gauthier

Revised : 08/05/2024 By : JA Roche

Technical Specification

Comments :




Electrical Features

- Synchronization maintained by radio communication and precision clock.
- Radio communication up to 1,000m in line of site, no obstacles, or interferences.
 - Optional long-range antenna available
- Traffic lights with three LED lights, red, yellow, and green
- Three-digit countdown on the red light
- Display intensity adjusted to ambient light.
- Settings by Wi-Fi communication, with tablet or phone, Android or iOS
- Configuration for two alternating traffic lights
- Powered with 12V batteries, up to format 8D

Mechanical Features

- Traffic lights provided in a slim profile, made of molded aluminum with integral visor.
 - Commercial version also offered
- 8po (200mm) LED lamps with wide viewing angle.
- Telescopic pole on locked battery box, transportable on two wheels
- Box made of steel and painted orange.
- Compatible with the EFFIA modular system.
- Dimensions
 - Height in use: 92" (2350 mm)
 - Height for transport: 62" (1560 mm)
 - Width : 20 3/4" (530 mm)
 - Length : 31 1/4" (800 mm)
- Weights
 - Light and pole: 37 lb (17kg)
 - Battery box w/o battery: 87 lb (40kg)

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Programming features

- Simplified for quick start-up.
- Cycle time adjusted according to traffic lights distance and traffic volume.
- Traffic lights connected in pairs by the user, configured without interference, with close by units.
- Flashing red display on error conditions.

Battery Life

Battery	Without Solar Power ¹	Solar Option 50W ²	Solar Option 30W ²
PS2001, Format 8D, 200Ah	21 days	Autonomous year round	Autonomous end of June to beginning of September

- 1 New batteries
- 2 Average solar exposure in the Greater Montreal Area.

Reference products and options

Code	Description
Products	
FPP-KIT	Kit of two portable traffic lights
FPP-FEU	Single portable traffic lights with battery box
FPP-FEUM	Portable traffic lights on multi-use pole (supplied for -FEU products)
CGETAB	Touch Pad controller for traffic lights, Android tablet
RSS44	Battery box (supplied for -FEU products)
RSS60	Multi-use trailer
PS2001	Battery 12V / 200Ah
PS2046	Deep cycle battery 12V / 250 Ah
Options	
FPPOP-ANT	Option longue range antenna
FFOP-CHG	Option Battery charger for traffic lights, 12A
FFOP-RBL	Option Balloon wheel for construction lights
FFOP-SIB	Option Battery charge indicator
FFOP-SL3	Solar option 30W on multi-use pole
FFOP-SL5	Solar option 50W on multi-use pole
FFOP-SL1	Solar option 100W on multi-use pole