Flight Light Inc.
2708 47th Ave.
Sacramento, California, U.S.A.
95822-3806

PH (916) 394-2800 FX (916) 394-2809
TF (800) 806-3548 EM info@flightlight.com

MADE IN USA

GPS SYNC
Photocell Module
Hughey & Phillips

Compliance and Applications

FAA Compliant: AC 150/5345-43F
Canadian Aviation Regulation 621.19
ICAO Annex 14, MIL-C-7989, DGAC of Mexico

Combining technology with ease-of-use, our third-generation GPS unit combines flash synchronization and day-night sensing, and can be installed with just one plug-in cable. This eliminates the need to mount a separate GPS unit, antenna, junction box or wiring. Reliable, glitch-free operation is assured using a crystal and the 50/60Hz power line as a zero-drift timing reference if the satellite signal is momentarily lost. Two different flash modes are provided: fixed 40 FPM or bit-switch selectable 24, 30, 40 or 60 FPM. The unit easily mounts with four screws to any surface, or pole mount using the optional bracket. Installation interconnect cable, with quick connect, plugs from GPS unit to controller unit. LEDs indicate Power, SYNC and GPS Lock status. With a rugged, weatherproof, battery-free design, our GPS unit will provide years of reliable service for your wind farm.

Specifications

Input Voltage	100-132VAC 50/60Hz, 10W max
Enclosure	NEMA 4 Painted Aluminum
Operation Temperature	-40° to +131° F (-40° to +55° C)
Indicators	Power (Green) GPS Lock (Yellow) SYNC (Flashing Red)
SYNC Output	15-27VDC, 100mA, 3ms pulse
SYNC Adjustments	Day: 40 FPM Night: 24, 30, 40, 60 FPM
Backup SYNC	Internal Crystal Clock or AC Line
External Dimensions	6-1/4" x 6-1/4" x 4-1/8"
Mounting Dimensions	5-1/8" x 6-3/4", (4) #8 Holes
Optional Mounting Bracket	1-1/4" to 2-3/4" Pole

Ordering Codes

40002075-001	GPS SYNC Module
77-3259	Photocell, 120V, 35-60 ft-cd
40002074-001	GPS Cable, 25'
40002074-002	GPS Cable, 50'
40002074-003	GPS Cable, 100'
40002074-004	GPS Cable, 150'
40002074-005	GPS Cable, 350'
40002082-001	Pole Mounting Kit