

400 Series Nighttime Barricade Lights

Night Use ONLY
6V & 12V Incandescent
6V LED

Type A (Flashing) & Type C (Steady-Burn)

◆ Incandescent EM-406 and EM-412 Barricade Lights

- 6-Volt EM-406 Series operates with one (1) -or- two (2) 6-Volt batteries, for brightness of 6-7 candelas.
- 12-Volt EM-412 Series uses two (2) 6-Volt batteries, for greater brightness, but shorter battery life.

◆ LED-406 Barricade Lights – Energy-Efficient & Low-Maintenance

- LED-406 Series Lights are available in 6-Volt models only.
- LED-406 Series operates with one (1) -or- two (2) 6-Volt batteries, providing 6-7 candelas.
- 6-Volt LED lights use approximately 50% less battery-power than 6-Volt incandescent lights.
- LEDs are efficient and durable, and *NEVER* need replacing.

◆ Common Features and Options – ALL 400 Series Barricade Lights

- Lexan lens, polypropylene case, and moisture-resistant circuits are durable and ultra-reliable.
- Internal power-switch and tamper-proof 1/2" x 3-3/4" mounting-bolt deter vandalism and theft.
- Bidirectional lens can be rotated 180° to shine in any direction regardless of mounting orientation.
- Powered by standard 6-Volt spring-terminal batteries (6-Volt lights: 1 or 2 batteries; 12-Volt lights: 2 batteries)
- Optional Photo-Cell (PC) – Auto-OFF in daylight, Auto-ON at night – saves batteries and labor.
- Choice of three (3) internal-switch configurations, each available with or without optional Photo-Cell:
 - OFF/FLASH (Type A) with pin-activated internal-switch
 - OFF/STEADY-BURN (Type C) with pin-activated internal-switch
 - OFF/FLASH/STEADY-BURN (Type A / C) with pin-activated internal-switch



Roadway Safety Products™ Division
1430 Sullivan Street, Elmira, NY 14901
1-800-USA-SIGN • www.usa-sign.com

ALL 400 Series lights meet the ITE Purchase Specification for Flashing and Steady-Burn Warning Lights as referenced in the 2003 MUTCD



400 Series Type A (Flashing) & Type C (Steady-Burn)

EM-406 Series 6-Volt Incandescent Barricade Lights

Catalog No.	Switch Modes	Photo-Cell (PC)	Light Voltage	Average Output (candelas)*	Flashes Per Minute +/- 10%	No. of D-Cell Batteries	Avg Battery Life † (one 6-Volts)	Avg Battery Life † (two 6-Volts)
EM-406F	OFF/FLASH	NO	6-Volt	6-7	65	1 or 2	40 days	60 days
EM-406F-PC	OFF/FLASH	YES	6-Volt	6-7	65	1 or 2	40 days	60 days
EM-406S	OFF/STEADY	NO	6-Volt	6-7	STEADY	1 or 2	20 days	30 days
EM-406S-PC	OFF/STEADY	YES	6-Volt	6-7	STEADY	1 or 2	20 days	30 days
EM-406FS	OFF/FLASH/STEADY	NO	6-Volt	6-7	65	1 or 2	varies	varies
EM-406FS-PC	OFF/FLASH/STEADY	YES	6-Volt	6-7	65	1 or 2	varies	varies

EM-412 Series 12-Volt Incandescent Barricade Lights

Catalog No.	Switch Modes	Photo-Cell (PC)	Light Voltage	Average Output (candelas)*	Flashes Per Minute +/- 10%	No. of D-Cell Batteries	Avg Battery Life † (one 6-Volts)	Avg Battery Life † (two 6-Volts)
EM-412F	OFF/FLASH	NO	12-Volt	12-13	65	2	n/a	30 days
EM-412F-PC	OFF/FLASH	YES	12-Volt	12-13	65	2	n/a	30 days
EM-412S	OFF/STEADY	NO	12-Volt	12-13	STEADY	2	n/a	20 days
EM-412S-PC	OFF/STEADY	YES	12-Volt	12-13	STEADY	2	n/a	20 days
EM-412FS	OFF/FLASH/STEADY	NO	12-Volt	12-13	65	2	n/a	varies
EM-412FS-PC	OFF/FLASH/STEADY	YES	12-Volt	12-13	65	2	n/a	varies

LED-406 Series 6-Volt LED Barricade Lights

Catalog No.	Switch Modes	Photo-Cell (PC)	Light Voltage	Average Output (candelas)*	Flashes Per Minute +/- 10%	No. of D-Cell Batteries	Avg Battery Life † (one 6-Volts)	Avg Battery Life † (two 6-Volts)
LED-406F	OFF/FLASH	NO	6-Volt	6-7	65	1 or 2	60 days	120 days
LED-406F-PC	OFF/FLASH	YES	6-Volt	6-7	65	1 or 2	60 days	120 days
LED-406S	OFF/STEADY	NO	6-Volt	6-7	STEADY	1 or 2	30 days	60 days
LED-406S-PC	OFF/STEADY	YES	6-Volt	6-7	STEADY	1 or 2	30 days	60 days
LED-406FS	OFF/FLASH/STEADY	NO	6-Volt	6-7	65	1 or 2	varies	varies
LED-406FS-PC	OFF/FLASH/STEADY	YES	6-Volt	6-7	65	1 or 2	varies	varies

* ALL 400 Series Barricade Lights exceed the minimum required nighttime output of 4 candelas and are intended for nighttime use ONLY

† Tested on a 12 hrs ON / 12 hrs OFF schedule; all values are approximate

- ALL 400 Series Barricade Lights come standard with yellow polypropylene 6-Volt body-case
- ALL 400 Series Barricade Lights shipped with bidirectional 7" diameter Amber Lexan lens; also available: Blue, Red, Green, Clear
- ALL 400 Series Barricade Lights also available with Detached-Head (DH) option; contact Customer Service for ordering information
- Hardware: 1 Pyramid-Head bolt with each light; 1 Pyramid-Head wrench and 1 switch-pin are included with every ten (10) lights ordered
- To mount body-case in 7/8" i.d. flag-holder, order Part No. FHA (Flag-Holder Adaptor)

New York Headquarters

1430 Sullivan Street
Elmira, NY 14901
phone: 1-800-872-7446
fax: 607-734-8783



Roadway Safety Products™ Division
1-800-USA-SIGN • www.usa-sign.com

Atlanta Service Center

4611 A/B Greer Circle
Stone Mountain, GA 30083
phone: 770-492-8601
fax: 770-492-8602