



SOLAR MARKERS

MK6-S



Armorstud MK6-S active solar powered markers have been designed to illuminate and outline roadways through an intelligent real-time interactive radio frequency traffic system that is cost effective. MK6-S markers perform under the most extreme conditions while providing night visibility beyond a vehicle's light zone of over 650 yards.

Armorstud's construction and form protects the L.E.D. diodes while enhancing visibility through its scratch resistant optical hardened glass protective housing.

Micro-Prism technology

MK6-S markers are equipped with a reflective micro prism L.E.D. support panel. This panel reflects light back to a vehicle regardless of whether or not the diodes are in a working mode.



Armorstud MK6-S markers are available in single and double sided faces in all standard colors.



Armorstud MK6-S markers resist snow plows equipped with rubber blades.

Radio Frequency Controlled Real time modular, interactive marking systems.

PAVEMENT MARKERS

RFC intelligent solar L.E.D. pavement marking systems represent the latest innovation in wireless pavement marking systems. RFC markers are controlled and synchronized by an independent pilot beacon that can be linked with several different sensitivity detectors. These devices detect vehicles traveling in the wrong direction, at high speeds, in hazard zones, and also identify light, fog and frost areas.

Armorstud MK6-S high performance marking systems define road hazards while accurately detecting climatic changes, thereby providing an extra margin of safety for all road users. Self-cleaning and maintenance free.

ACTIVATING PRINCIPLES OF ILLUMINATION

DETECTORS

Detect vehicles traveling in the wrong direction, at high speeds as well as in danger zones.

Sensitivity detectors detect fog and frost

MK6-S

Solar pavement markers are activated by the radio controlled Pilot Beacon that directly designates the marker's illumination effect. Such effects include sequential illumination, blinking or constant burn.

PILOT BEACON

The Pilot beacon is a radio frequency controlled independent command post powered by a five year interchangeable battery. Command post activates the MK6-S markers while simultaneously sending information to the road control operations center for evaluation or change.



BENEFITS



- Multiple illumination effects.
- Illuminate open and closed lanes
- Illuminate high risk zones (i.e. fog and frost)
- Signal and alert changing and merging lanes
- Channelize traffic flow in all areas.
- Control the signal distances between vehicles
- Illuminate shadow zones
- Illuminate rotaries where electricity is non-existent.

ADVANTAGES

Real time intelligent signalization for improved traffic circulation. Establish different safety modes that adapt to specific traffic conditions. Example, if there was a fog condition, the MK6-S would remain in its continuous mode to outline the roadway ahead. If there was an accident ahead, the studs would "Flash" indicating danger.

Radio frequency controlled activation systems replace traditional cable hookups. The studs are powered by an accumulator and solar panel. The pilot beacon is equipped with a long duration battery allowing the RFC system to be quickly and easily installed.

Real time signalization features allows the RFC system limitless interventions when necessary.



ITEM #	AVAILABLE COLORS	Cost
MK6-S-2	Two sided Solar activated pavement stud	\$ 250.00
MK6-S-1	Single sided Solar activated pavement stud	\$ 245.00
MK6-PB-1	Radio Frequency controlled Pilot Beacon	\$ 1740.00
MK6-DECT-1	Detectors: -1 Fog, -2 Speed, -3 Light, -4 Frost	\$ 2800.00
MK6-CRSS-12	Auto activation system kit available: 1 Pilot beacon + 12 studs	\$ 4620.00

Prices reflect single units only, please contact your sales representative for quantity pricing