

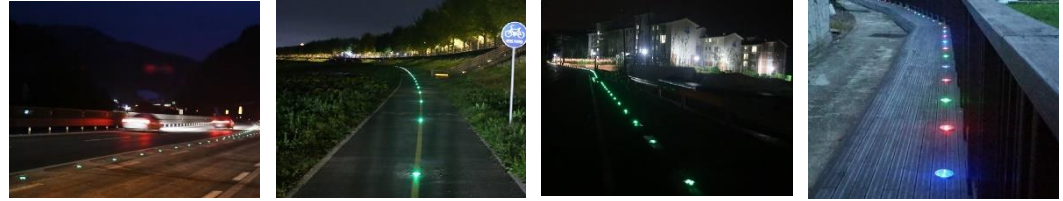
Hybrid LED Road Stud Specification



LED Color ○ White ● Yellow ● Green

❖ Features

- Improving traffic safety.
- Visibility of 0 ~ 380m due to application of high brightness LED and optical design.
- High strength (30 tons), impact resistance, waterproof (IP68), dustproof construction.
- Module and protective cap separation structure facilitates maintenance.
- Embedded type products minimize impact on roads and impact by vehicles.
- Structure to prevent settlement due to vehicle load and structure to prevent separation by impact.
- Hybrid power structure and power control technology applied 365 days a year. (Hybrid Model)
- RF ON / OFF Control Function (Option)



- ❖ Applicable range: road center line, lane boundary, bicycle road, pedestrian way and passage, pedestrian crossing, safety zone, turning intersection, waterfront, breakwater etc.

❖ Specifications

Item	Type		Use environment	Model Name
Road stud	K·S White	Hybrid Type	Average sunshine (less than 3.5 hours)	MS-10HW
	K·S Yellow			MS-10HY
	Free Color			MS-10HL
	K·S White	Solar Type	Average sunshine (more than 3.5 hours)	MS-10SW
	K·S Yellow			MS-10HY
	Free Color			MS-10HL

Item	Spec.		Item	Spec.
Lighting device	Super Luminosity LED x 6ea		Relief day	Hybrid Model : 365day Solar Model : 3day
Controller	Ultra Low Power MCU Controller		Material	Polycarbonate, AL Casting
Power supply	Hybrid Model	Solar Cell : 4V/120mA/Hr	Protection standard	IP68
		Battery 1 : Li-FePO4 3.2V / 1500mA	Breaking load	more than 30tons
		Battery 2 : Lithium 3.6V / 7.2A	Dimension (mm)	127(W) x 127(D) x 50(H)
	Solar Model	Solar Cell : 4V/120mA/Hr	life span	5 to 10 years (depending on the amount of sunshine)
		Battery 1 : Li-FePO4 3.2V / 1500mA	Weight	1000g