

Hybrid LED Road Delineation Specification



LED Color ○ White ● Yellow



- ❖ Applicable range : Road median strip, road boundary area, hazardous area (intersection, bridge, tunnel, etc.) Road safety areas (rests, sleeping areas, etc.), national roads and local roads, etc.

❖ Specifications

Item	Type	Use environment	Model Name
Traffic Delineator	Hybrid Type	Average sunshine (less than 3.5 hours)	MTD-50HD
	Solar Type	Average sunshine (more than 3.5 hours)	MTD-50SD

❖ Features

- Visibility of 0 ~ 500m due to light emitting function using high brightness LED and reflection function using Reflex Reflector lens.
- 200mAh High capacity solar cell and 270 ° rechargeable structure, it can be used in the solar environment.
- Hard coating minimizes the deterioration of visibility due to ultraviolet rays and foreign substances.
- 360 ° mounting bracket allows installation at various angles.
- Hybrid power structure and power control technology applied 365 days a year. (Hybrid Model)
- RF ON/OFF Control(Optional)

Item	Spec.		Item	Spec.
Lighting device	Half Reflex Reflector + High brightness LED		Controller	Ultra Low Power MCU Controller
Reflector device	Reflex Reflector Lens		Relief day	Hybrid Model : 365 day, Solar Model : 3day
Power Supply	Hybrid Model	Solar Cell : 4V/200mA/Hr	Material	Polycarbonate(Hard coating)
		Battery 1 : Li-FePO4 3.2V / 1500mA	Protection standard	IP67
	Solar Model	Battery 2 : Lithium 3.6V / 7.2A	Dimension (mm)	∅122mm(A reflecting portion and a light emitting portion ∅100) x H181mm
		Solar Cell : 4V/200mA/Hr	life span	5 to 10 years (depending on the amount of sunshine)
		Battery 1 : Li-FePO4 3.2V / 1500mA	Weight	300g