







ROAD STUDS

Intelligent Solar Road Studs

Features	 ML- SR-i15	 ML- SR-i20	 ML- SR-i21	 ML- SR-i35
LED's Configuration	Unidirectional or Bidirectional	Unidirectional or Bidirectional	Unidirectional or Bidirectional	360° Lighting
LED Type	Standard	Standard	Standard	Standard
Operating Mode	Flashing or Always ON	Flashing or Always ON	Flashing or Always ON	Flashing or Always ON
Material	Polycarbonate	Aluminum* and Polycarbonate	Aluminum* and Polycarbonate	Aluminum* and Polycarbonate
Power Supply	Capacitor or Battery	Capacitor or Battery	Capacitor or Battery	Capacitor or Battery
Raising from road surface (mm)	12,70mm	15,00mm	17,00mm	17,00mm
Mechanical Resistance (Tons)	60 Tons	20 Tons	20 Tons	18 Tons
i-STUD Technology	✓	✓	✓	✓
Ready for Snow Plough Machines	✗	✗	✗	✗
Wireless Programmable after installation	✗	✗	✗	✗
Ice Detector - Option Available	✓	✓	✗	✗
High Reflective Elements	✗	✗	✓	✗
Application	   	   	   	 

Captions






ROAD STUDS

Hardwired Road Studs | Standard LEDs













Features

	ML-SR-20C	ML-SR-30	ML-SR-35C	ML-SR-45	ML-SR-45A	ML-SR-45IPW	ML-SR-48	ML-SR-70
LED's Configuration	Unidirectional or Bidirectional	Unidirectional or Bidirectional	360° Lighting	Unidirectional	Unidirectional	Unidirectional	Bidirectional	360° Lighting
LED Type	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Operating Mode	Always ON*	Always ON*	Always ON*	Always ON*	Always ON*	Always ON*	Always ON*	Always ON*
Material	Aluminum** and Polycarbonate	Aluminum** and Polycarbonate	Aluminum and Polycarbonate	Stainless Steel and Aluminum	Aluminum**	Stainless Steel and Aluminum	Stainless Steel and Aluminum	Stainless Steel and Aluminum
Power Supply	12V DC or 24V DC	12V DC or 24V DC	12V DC or 24V DC	12V DC or 24V DC	12V DC or 24V DC	230V AC	12V DC or 24V DC	12V DC or 24V DC
Raising from road surface (mm)	15,00mm	13,70mm	17,00mm	8,70mm	7,30mm	8,70mm	8,50mm	12,50mm
Mechanical Resistance (Tons)	20 Tons	10 Tons	18 Tons	120 Tons	30 Tons	120 Tons	90 Tons	160 Tons
Ready for Snow Plough Machines	✗	✗	✗	✓	✗	✓	✓	✓
Inductive	✗	✗	✗	✗	✗	✓	✗	✗
Rotable After Installation	✗	✗	✗	✗	✗	✗	✗	✗
Application								



ROAD STUDS

Hardwired Road Studs | Power LEDs


		 Soft white			
	ML-SR-20CP	ML-SR-45P	ML-SR-45AP	ML-SR-48P	ML-SR-70P
LED's Configuration	Unidirectional or Bidirectional	Unidirectional	Unidirectional	Bidirectional	360° Lighting
LED Type	Power	Power	Power	Power	Power
Operating Mode	Always ON*	Always ON*	Always ON*	Always ON*	Always ON*
Material	Aluminum** and Polycarbonate	Stainless Steel and Aluminum	Aluminum**	Stainless Steel and Aluminum	Stainless Steel and Aluminum
Power Supply	12V DC or 24V DC	12V DC or 24V DC	12V DC or 24V DC	12V DC or 24V DC	24V DC
Raising from road surface (mm)	15,00mm	8,70mm	7,30mm	8,50mm	12,50mm
Mechanical Resistance (Tons)	20 Tons	120 Tons	30 Tons	90 Tons	160 Tons
Ready for Snow Plough Machines	✗	✓	✗	✓	✓
Inductive	✗	✗	✗	✗	✗
Rotable After Installation	✗	✗	✗	✗	✗
Application					





Captions

 Regular Traffic Zones
  Heavy Traffic Zones
  Road Delineation
  Bends/Curves
  Crosswalks
  Bike Paths
  Walking Trails
  Areas not crossed by motor vehicles
  Crosswalks Waiting Zone
  Architectural Lighting
  Snow Areas
  Airports
  Tunnels
  Parking Lots

ROAD STUDS


Hardwired Road Studs | Tunnel Lighting






Features	ML-SR-T24-U*	ML-SR-T24-B*	ML-SR-T24-BA	ML-SR-T24-BL
LED's Configuration	Unidirectional	Bidirectional	Bidirectional with Arrow on Top	Bidirectional with 2 Lines on Top
LED Type	Standard	Standard	Standard	Standard
Operating Mode	Always ON**	Always ON**	Always ON**	Always ON**
Material	Aluminum***	Aluminum***	Aluminum***	Aluminum***
Power Supply	24V DC	24V DC	24V DC	24V DC
Raising from road surface (mm)	32,00mm	32,00mm	32,00mm	32,00mm
Application				

ROAD STUDS

Hardwired Road Studs | Vertical Lighting



Features	ML-SR-15VL	ML-SR-20VL	ML-SR-35VL
LED's Configuration	Vertical Lighting	Vertical Lighting	Vertical Lighting
LED Type	Standard	Standard	Standard
Operating Mode	Always ON*	Always ON*	Always ON*
Material	Polycarbonate	Aluminum** and Polycarbonate	Aluminum and Polycarbonate
Power Supply	12V DC or 24V DC	12V DC or 24V DC	12V DC or 24V DC
Raising from road surface (mm)	12,70mm	15,00mm	17,00mm
Mechanical Resistance (Tons)	60 Tons	20 Tons	18 Tons
Application			

Captions

 Regular Traffic Zones
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  Bends/ Curves
  Crosswalks
  Bike Paths
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  Areas not crossed by motor vehicles
  Crosswalks Waiting Zone
  Architectural Lighting
  Snow Areas
  Airports
  Tunnels
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