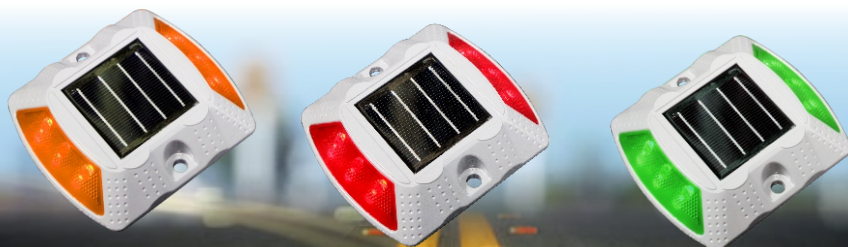


# SOLAR ROAD STUD

Road studs are integral to traffic safety at night  
on our roads.



**OPTIKS MECHATRONICS PVT. LTD.**

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# Technical Datasheet of Solar Stud

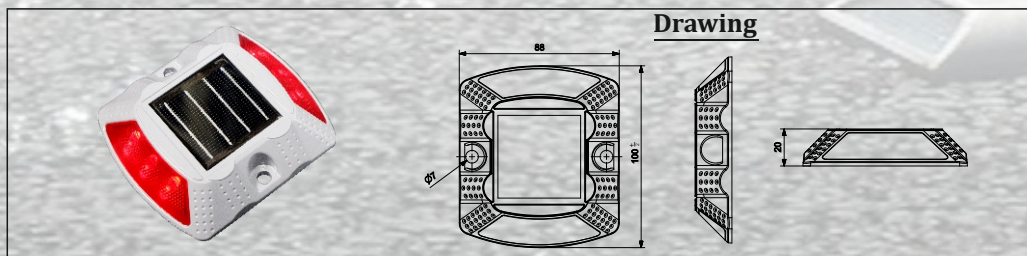
## Introduction

Smart solar stud with dura tough strength PDC housing to withstand heavy loads upto 30 tonnes nanotechnology reflectors provides guidance and advanced warning to drivers during night. Abrasion resistant silicon encapsulated monocrystalline solar panel ensures to charge the NiMH battery even at lower lux level.

## Description

Product	Solar Stud
Version	Standard
Dimensions	100X88X20 in mm

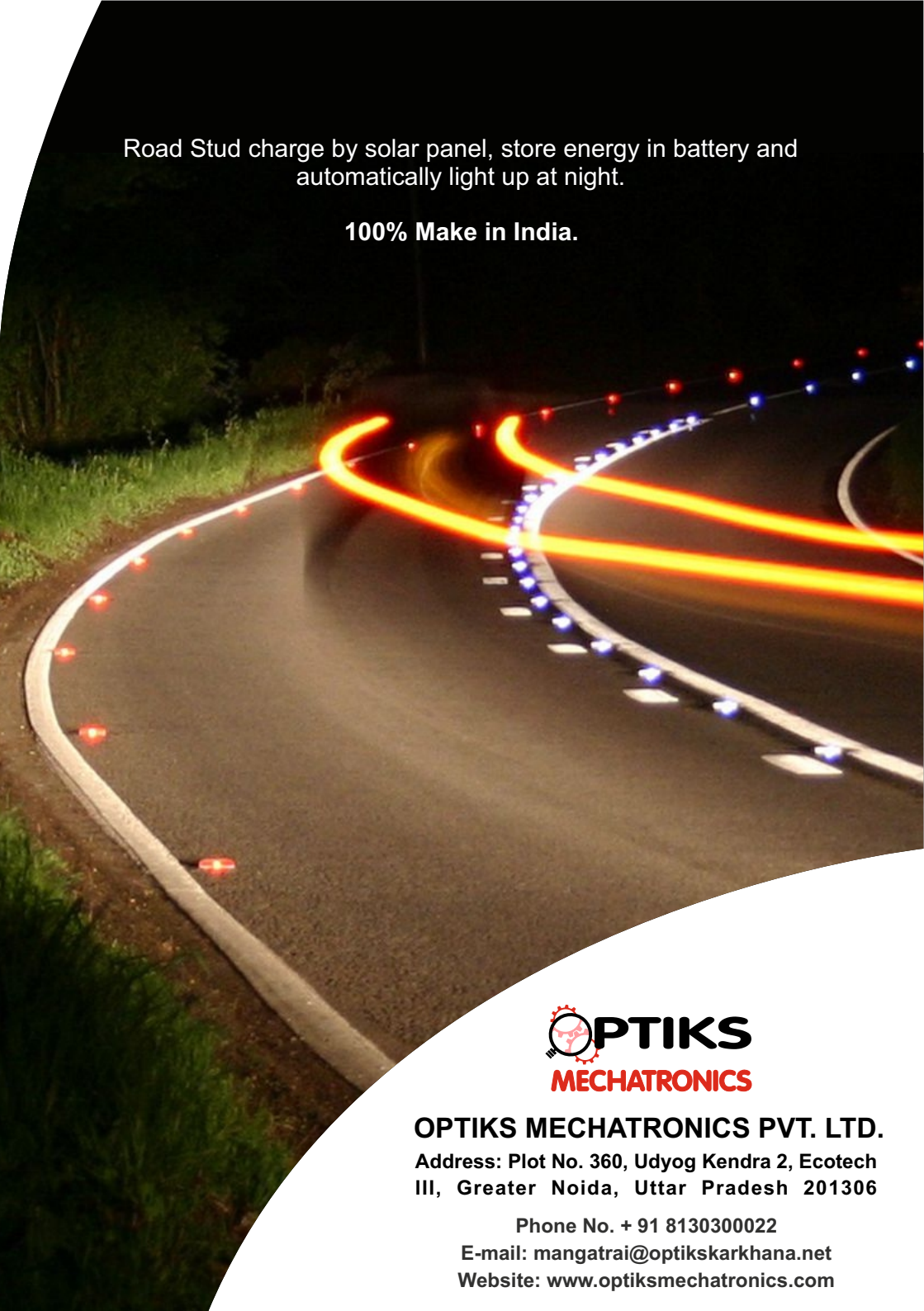
Parameters	Standards
Housing	ADC 12
Base Cover of Stud	Silicon Potted
Reflector	UV Stabilized
Power Source	Monocrystalline Solar Module
Battery	NiMh 1.2V@700mAh
LED	Ultra Bright, 5mm Dia, Clear Type
LED Color	Red, Yellow,Green, Blue,White
Working Model	Blinking or Constant(Charged at Daytime, Working automatically at night
Working Hours	Blinking:-130 Hrs Once Fully Charged for 8 Hrs
Visual Distance	>500m
Ingress Protection	IP68
Resistance	Upto 30T
Applications*	• Highway • Road • Park • Airport • Seaport • Parking Lot • Sidewalk



\* For additional information please contact [mangatrai@optikskarkhana.net](mailto:mangatrai@optikskarkhana.net)  
Solar stud should be installed under the open sky where ample sunlight is available for its proper charging / functioning.

Road Stud charge by solar panel, store energy in battery and automatically light up at night.

**100% Make in India.**



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