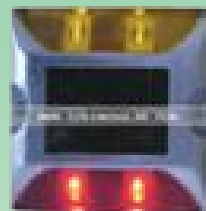


It runs with  
the Sun**PowerCom****Product Name: solar road stud**

Model □ : KS-R4  
 solar panel □ : 0.3W, 2V/80mAh  
 Battery □ : 1.2V/600mAh NI-MH  
 Display color □ : red,yellow,blue,white,green

**Model:KS-R4****Specifications :**

1. Power source: solar panel 0.3W ? 2V/80mAh
2. Storage battery: high-temperature stand charger battery
3. Work time:work 72 hours after 8 hours positive standard sunlight per time
4. Display type: flash (2Hz±20%) and common bright
5. Display color: red,yellow,blue,white,green
6. 4 pcs Double-face: 5 frog-proof super luminosity LED;
7. Visible distance: >500m
8. Material: Aluminum
9. Work environment : -20~+70°C
10. Light intensity : positive light less than 500Lux
11. Description : 105\*105\*21(mm);

**SOLAR ROAD STUD**

**A more fundamental approach to road and driver safety is now being taken care with the introducing of the DARK EYE Model "DE2525" solar road stud.**



These solar - powered environments friendly, LED based Intelligent Road Studs are specifically used to improve safety, reducing accidents on the road by providing information to drivers about the road ahead directly in their natural field of vision. Solar Road Stud specifically used to save lives and reduce accidents on the road by providing up to a ten-fold increase in visibility, as well as better durability in the most demanding conditions. Solar studs have been able to find a suitable place on approach roads to highest offices in Bangladesh.

**Power Control & Management**

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It runs with  
the Sun

Benefits include:

Additional "Preview" time for drivers on sharp bends roads. Ability to see road delineation reduced visibility caused by fog, rain or surface spray. Visible delineation on wet roads where white lines become invisible due to reflected light. These simply installed, maintenance free, highly robust in- pavement studs use state of art SMD technology to convert effectively sunlight using on board solar panels into stored energy.

Energy consumption is being managed using a microprocessor so that just 2 hours of sunshine will provide enough battery to last 4 days - more than enough to ensure the system keep working.

Product Specifications:

- \* Construction : Aluminum-alloy shell
- \* 100% water proof design according to Ip65.
- \* Dimension: 125mm x 125mm x 25mm (shank 60mm)
- \* High Efficiency Mono-Crystalline Solar Panel 2.4 V / 0.3 Watt.
- \* One Ni-Mh or NI-cd Rechargeable Battery (1.2V / 1600 mAh).
- \* Six Super Bright LEDs with 10,000 to 18,000 mcd (Millicandela).
- \* View Distance: upto 1000 meters.
- \* Flash Rate: 2Hz or according to customers requirements
- \* Bearable Weight: 10 Tons approx ? Color: yellow, red, blue, green or white.
- \* Color: yellow, red, blue, green or white.
- \* Working Time: 3 to 4 days after fully charged battery.
- \* Charging Time: 5 to 6 hours from direct sun light.
- \* Working Temp: 10o ~ 75o C
- \* Life Span : three to five years.
- \* Easy installation, no maintenance
- \* Unbreakable poly carbonate clear facing designed for maintenance free operation.
- \* Automatically turns on at night and turns off at dawn.
- \* High visibility LED's ensure easy and safe night driving.

Advantage :

- \* Improves road delineation, particularly effective in poor weather
- \* Up to 1000 meters visibility Irrespective of head-light efficiency
- \* Increase driver visibility and awareness to hazards
- \* Frequency safely outside the epileptic risk zone
- \* Reliable and compact design
- \* Bearable Weight: 10 Tons approx
- \* Clear reference points at ground level
- \* Improved driver reaction times
- \* Avoidance of sudden braking and last minute vehicle collision
- \* Reduces use of headlight high beam
- \* Alternative to expensive street lighting
- \* Maintenance free-fully self contained
- \* Reliable all night, all year round performance

Dimensions : 100 x 100 x 21 mm.

Stamp Size : 50 mm approx

Stamp Dia : 33 mm

Battery : 1600 MA / 1.2 volts Ni-Mh

Solar Pannel : Mono-Crystalline 2.4 V / 0.3 Watt.

LEDs : 4 Nos. Super Bright (2 Nos. each side)

Available Color : Red, Amber or White

Weight of the Stud : 360 gms. (approx.)

Working Time : 4 Days after fully charged battery

**www.powercom.com.bd**