

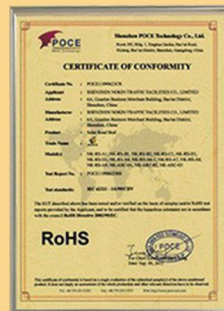


**NOKIN**

**NOKIN GROUP CO., LIMITED**  
**SHEN ZHEN NOKIN TRAFFIC FACILITIES CO., LIMITED**



# Company Introduction



NOKIN TRAFFIC FACILITIES established in 2001, is a medium manufacturer, distributor and exporter with professional R&D team in producing solar traffic safety products widely used on the highway, city road, transportation, including solar road studs, reflective road studs, solar grounding lights, solar traffic signals, and related traffic safety products.

NOKIN TRAFFIC FACILITIES always implement the modern road management system, adhere to the scientific and technological innovation. We put personalization into our products and constantly develop new products with super technology; high luminous efficiency and lower power consumption in solar warning lights series, solar traffic signals series, solar traffic lights series.

All our products are ISO9001, CE certificate, RoHS approved and well received by our domestic clients and abroad clients from Australia, Slovakia, France, UK, Argentina, Romania, Indonesia, Middle East and Africa.

NOKIN TRAFFIC FACILITIES have been devoting themselves to researching, developing and producing solar traffic products with high starting points. We penetrate and anticipate market in the world with innovation spirits.

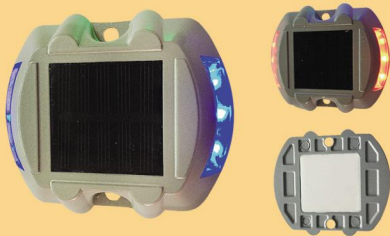
We are willing to cooperate with you and create wonders one after another!



## Solar Road Stud Series



### NK-RS-A1



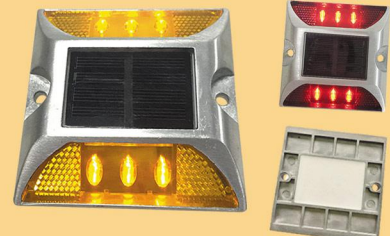
1. Body material: Hi-pressure Casting Aluminium alloy
2. Power supply: Solar panel(monocrystalline 2.5V/0.25W)
3. Battery: NI-MH; Lithium battery
4. Flashing mode: Blinking or constant
5. LED Color: Red Yellow White Blue Green
6. Waterproof: IP68
7. Load capacity: >20T
8. Size: L104\*W94\*H20mm

### NK-RS-K1



1. Body material: PC
2. Power supply: Solar panel (Monocrystalline 5V/0.4W)
3. Battery: NI-MH; Lithium battery
4. Flashing mode: Blinking or constant
5. LED Color: Red Yellow White Blue Green
6. Waterproof: IP68
7. Load capacity: >20T
8. Size: Dia117\*23 mm

### NK-RS-D1



1. Body material: Aluminium alloy
2. Power supply: Solar panel(monocrystalline 2.5V/0.25W)
3. Battery: NI-MH; Lithium battery
4. Flashing mode: Blinking or constant
5. LED Color: Red Yellow White Blue Green
6. Waterproof: IP68
7. Load capacity: >20T
8. Size: L104\*W103\*H22mm

### NK-RS-A6



1. Body material: Aluminium alloy
2. Power supply: Solar panel(monocrystalline 2.5V/0.25W)
3. Battery: NI-MH; Lithium battery; Super capacitor
4. Flashing mode: Blinking or constant
5. LED Color: Red Yellow White Blue Green
6. Waterproof: IP68
7. Load capacity: >20T
8. Size: L123\*W133\*H22+55mm

### NK-RS-A6-1



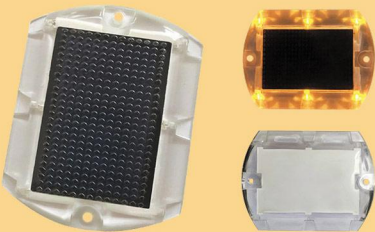
1. Body material: Aluminium alloy
2. Power supply: Solar panel(monocrystalline 2.5V/0.38W)
3. Battery: NI-MH; Lithium battery; Super capacitor
4. Flashing mode: Blinking or constant
5. LED Color: Red Yellow White Blue Green
6. Waterproof: IP68
7. Load capacity: >30T
8. Size: L125\*W107\*H25+55mm

### NK-RS-A7



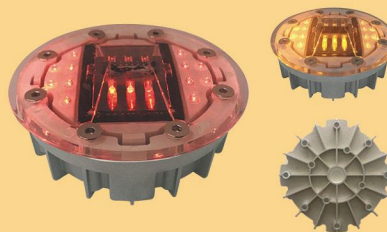
1. Body Material: PC material
2. Power supply: Solar panel(monocrystalline 2.5V/0.2W)
3. Battery: NI-MH
4. LED Color: Red Yellow White Blue Green
5. Waterproof: IP68
6. Load capacity: >20T
7. Visual distance : >1000m
8. Size: Dia112\*56mm

### NK-RS-Q7



1. Body material: PC
2. Power supply: Solar panel(Monocrystalline 2.5V /0.2W)
3. Battery: Lithium battery (3.7V/340MAH)
4. Flashing mode: Blinking or constant
5. LED Color: Red Yellow White Blue Green
6. Waterproof: IP68
7. Load capacity: >100KN
8. Size: L114\*W90\*H11mm

### NK-RS-X5



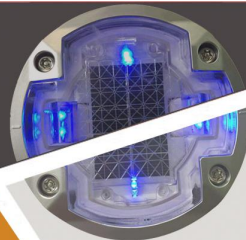
1. Body material: Cast Aluminium
2. Power supply: High efficient solar panel
3. Battery: Lithium battery; Super capacitor
4. Flashing mode: Blinking or constant
5. LED Color: Red Yellow White Blue Green
6. Waterproof: IP68
7. Load capacity: >40T
8. Size: Dia135\*50mm

### NK-RS-T1



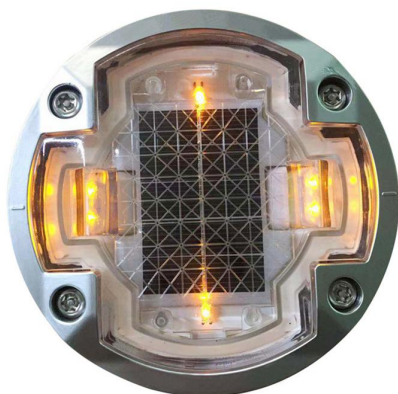
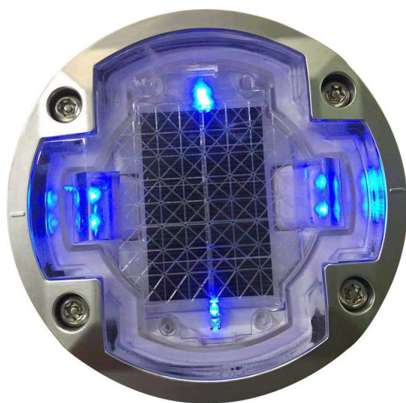
1. Body material: Aluminum+PC
2. Power supply: Monocrystalline solar panel
3. Battery:NI-MH (high temperature resistance)
4. Flashing mode: Blinking or constant
5. LED Color: Red Yellow White Blue Green
6. Waterproof: IP68
7. Load capacity: >20T
8. Size: L124\*W43\*H29mm





## Solar Road Stud NK-RS-X6

- With more than 18 years of factory experience.
- Solar system of aluminum road stud is conducive for reducing environmental impact and saving costs.
- The Solar Road Stud can help to reduce accident at regional rail crossing, intersection and provide guidance and hazard warning to drivers in darkness and bad weathers.



### Five Colors For Choose

●  
Red

●  
Yellow

○  
White

●  
Blue

●  
Green

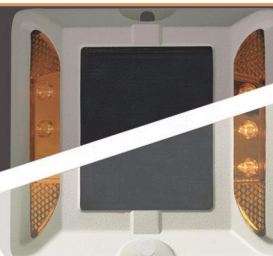
### Specification

Body material:	Aluminium alloy+PC cover
Power supply:	Solar panel(monocrystalline 2.5V/120MA)
Battery:	Lithium battery 1000MAH*3.2V
LED:	Ultra bright diameter 5mm*6PCS
LED color:	Red,Yellow,Green,Blue,White
Working mode:	Blinking or constant
Working hours:	140hrs for flashing type; 40hrs for constant type
Water proof:	IP68
Working temperature:	-20-70℃
Life span:	>5years
Load capacity:	>30T
Size:	φ123*45mm
Packing:	1pc/box; 30pcs/ctn
Carton size:	67.5*28*20cm Weight:30kgs/ctn
Warranty time:	1 year

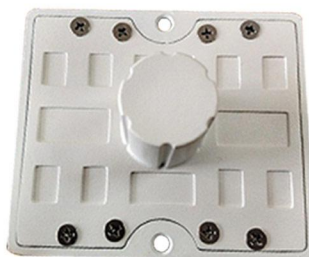
### Poduction & Application







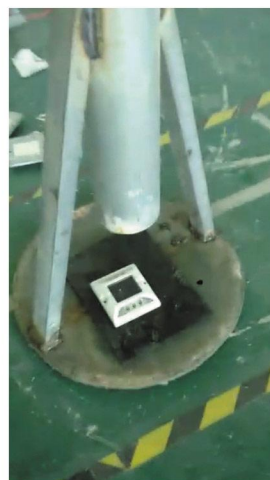
## Solar Road Stud NK-RS-A6-1



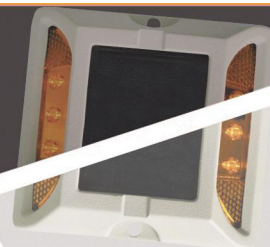
## Solar Road Stud Specification

1. Material: Aluminum(GB-ADC12)+PC(Japan Brand)
2. Power supply: USA Brand High Efficient Solar Panel(2.5V/150MA )for NI-MH battery 5V/60MA for Lithium battery 3V/120MA for super capacitor
3. Battery: NI-MH 1.2V/ 600mah; Lithium battery 3.2V/500MA; Super capacitor 2.3V/120F
4. Working model: Blinking or constant(charged at daytime and working automatically at night)
5. Working hours:  
 Blinking: 140hours for NI-MH battery; 130hours for Lithium  
 Constant: 40hours for NI-MH battery; 35hours for Lithium battery; 15hours for supercapacitor after fully charged
6. Visual distance: more than 800m
7. Waterproof: IP68
8. Resistance: Above 30T(can be installed in the middle of road)
9. Life span: 2years for NI-MH battery, 5years for Lithium battery, 10years for super capacitor
10. Two sizes for choose: Size: L125\*W107\*H25+55mm    Size: L125\*W107\*H25mm

## Compression Test







## Solar Road Stud NK-RS-A6-1



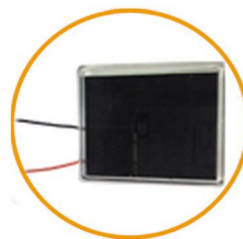
Battery



PCB



Solar Panel



PC Cover



Shell

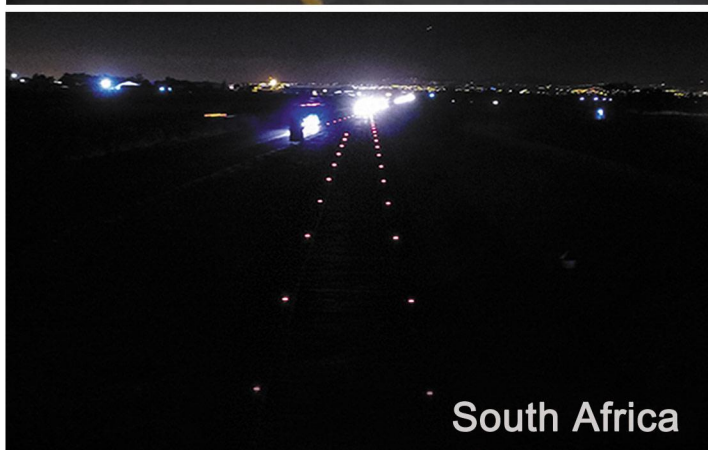
## Installation And Application



Philippines



Thailand

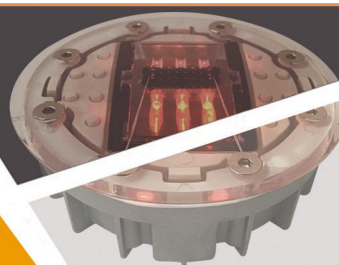


South Africa



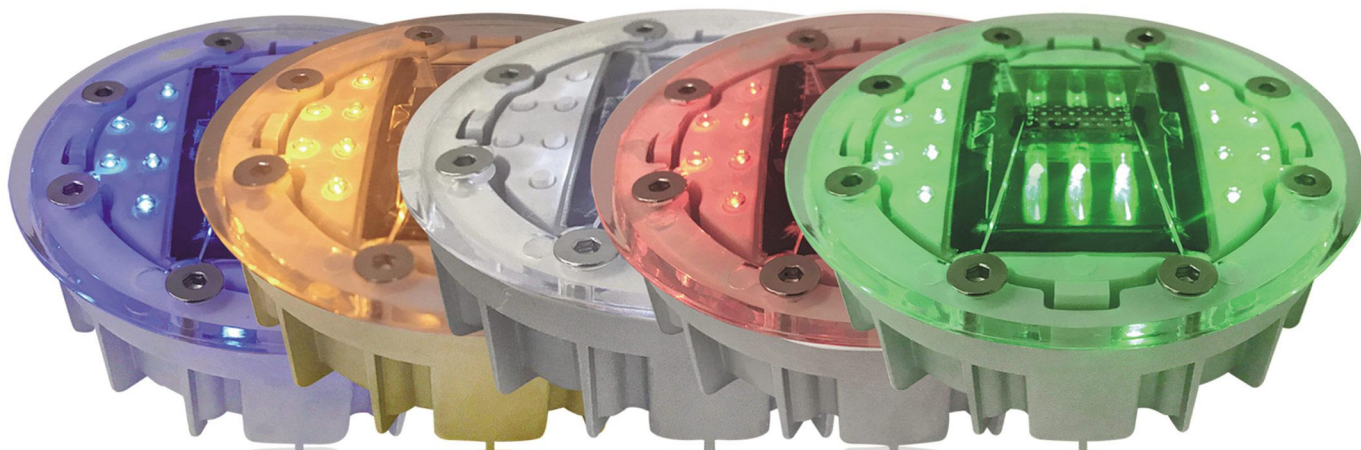
Saudi Arabia





## Solar Road Stud NK-RS-X5

- Factory since 2001.
- Solar system of aluminum road stud is conducive for reducing environmental impact and saving costs.
- The Solar Road Stud can help to reduce accident at regional rail crossing, intersection and provide guidance and hazard warning to drivers in darkness and bad weathers.

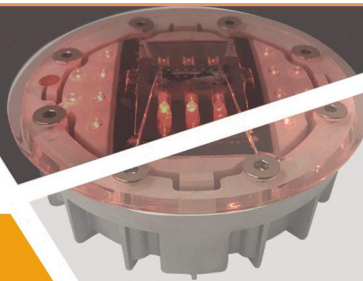


**Load capacity: >40T. Can be installed in the middle of road.**  
**Ultra bright diameter 5mm LED light (6pcs or 18pcs)**

## Specification

Body material	Cast Aluminum	Water proof	IP68
Power supply	High Efficient Solar Panel 5V/80MA for lithium battery 3V/120MA for super capacitor	Visual distance	1000m(approx)
Battery	Lithium battery 3.2V/1000MA; Super capacitor 2.3V/120F.	Life span	3-5 years with battery
LED	Ultra bright diameter 5mm(6pcs or 18pcs) super brightness >5000mcd	Load capacity	>40T (can be installed in the middle of road)
LED color	Red, Yellow, Green, Blue, White	Size	Dia 135*50mm
Working mode	Recharging at day and working automatically at night	Working temperature	(-25 °C~ + 75°C)
Flashing mode	Flashing or constant	Weight	1000g
Working hours	(1). Blinking: 130hours for lithium battery; 30hours for super capacitor after fully charged. (2). Constant: 35hours for lithium battery; 15hours for super capacitor after fully charged.		



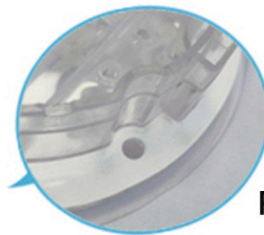
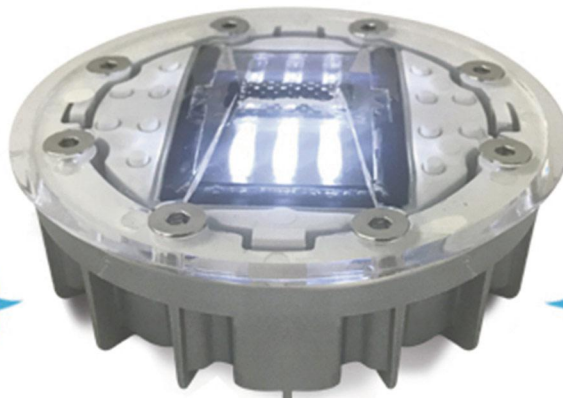


## NK-RS-X5 Product Point

USA Brand High Efficient Solar Panel



Brand Casting Al Material.  
 Solar Stud Load Capacity: > 40T



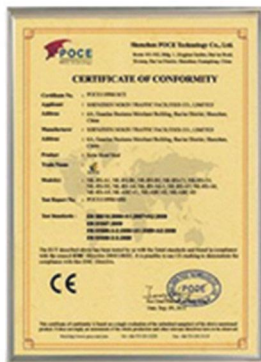
PC  
 High Transparency



Screw Fixing. Good Tightness  
 and corrosion resistance.



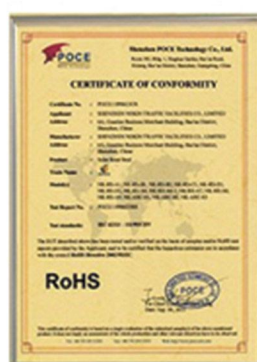
CE



Spike CE



FCC



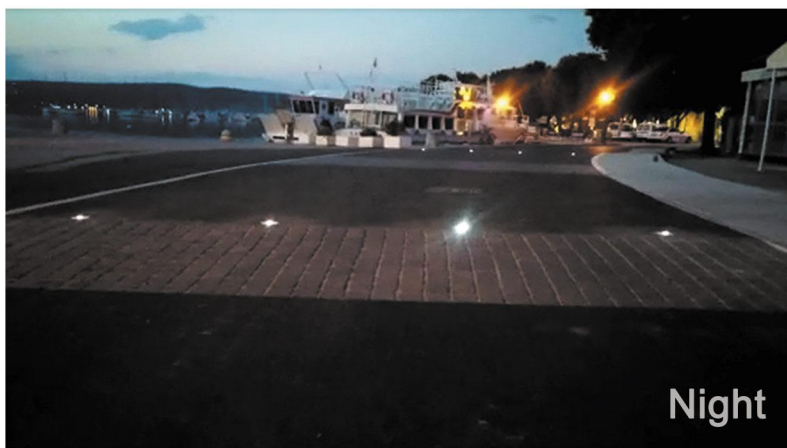
Spike Rohs



ROHS

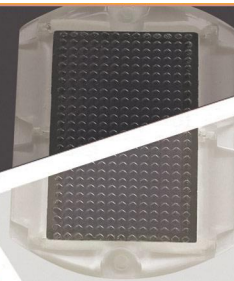


Day

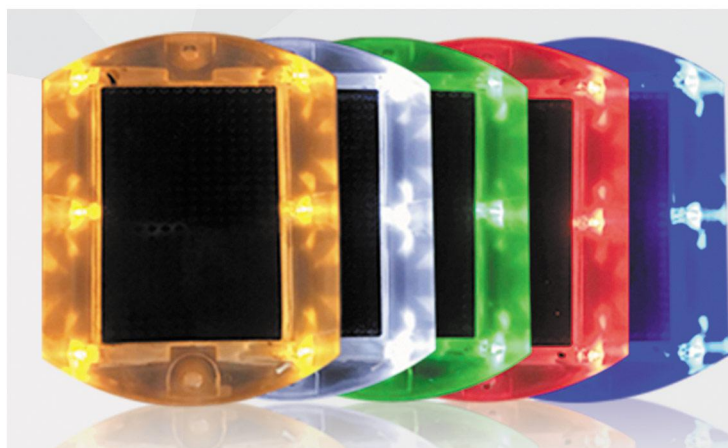


Night





## Solar Road Stud NK-RS-Q7



• Thickness Only 11mm •

CE / IP68 / RoHS

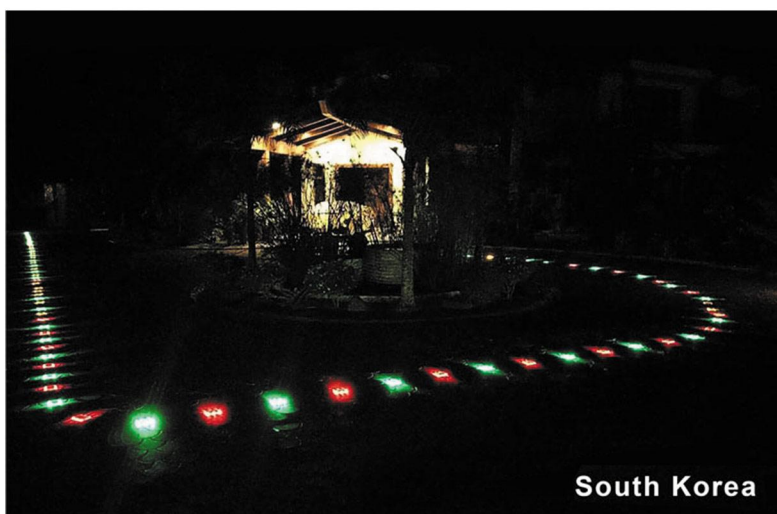
Five Colors For Choose



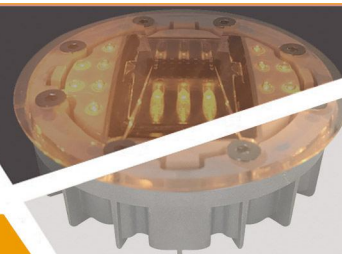
→ Thickness only 11mm

## Products Specification

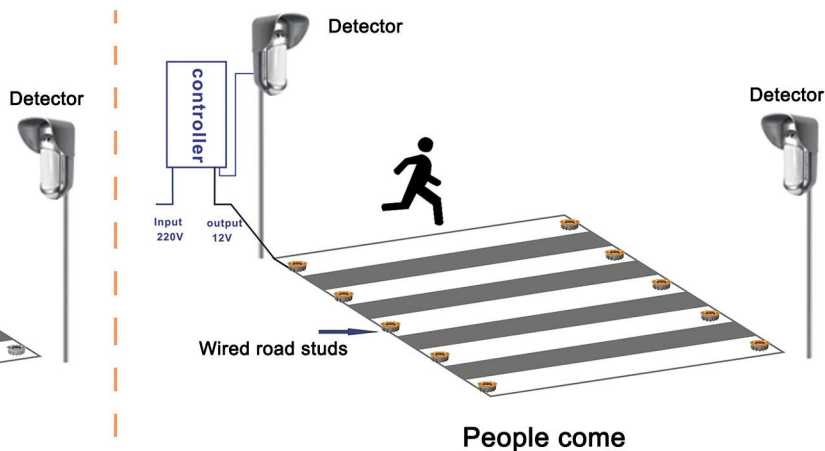
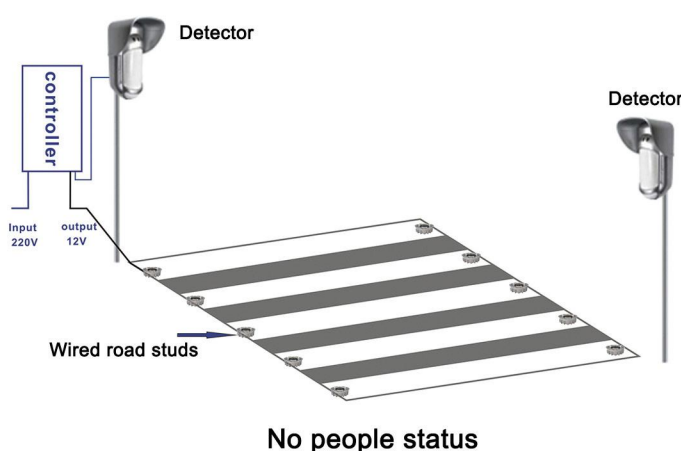
- |                                |  |
|--------------------------------|--|
| 1.Item code: NK-RS-Q7          | 2.Power supply: High efficient solar panel (5V/60MA) |
| 3.Body case: PC                | 4.Battery: Lithium battery (3.7V/340MAH)             |
| 5.LED: 6pcs ultra bright F3LED | 6.Illumination intensity: Y/R>3000MCD; W>5000MCD     |
| 7.Visual distance: 500M        | 8.LED color: Red, Yellow, White, Blue, Green         |
| 9.Life: 5years                 | 10.Working temperature: -20°C-80°C                   |
| 11.Resistance: 100KN           | 12.Size: 114*90*11mm                                 |
| 13.Water proof: IP68           |  |







## Motion sensor wired system



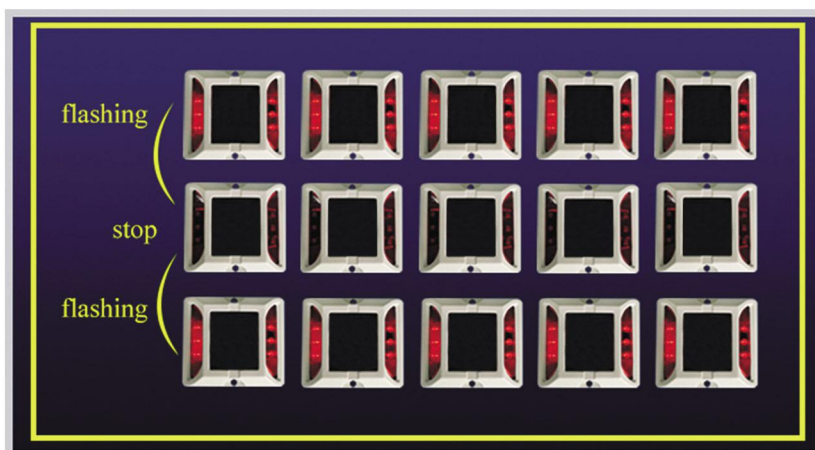
## Main Specifications

1. Product power consumption: wired type  $\leq 1.5W$ ;
- 2..Color: red/yellow/green
3. Visual Distance: 500m under street lights
4. Interface Mode: UART or TTL
5. LED: 18pcs 0.5W LED, brightness:  $\geq 30000\text{mcd}$  (wired type)
6. Compression rating: greater than 400KN.
7. Lifetime: more than 3years
8. Working environment: temperature:  $-40^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$ , moisture: 10% to 90%.
9. Size: studs:  $\phi 135 \times 50\text{mm}$ ; controller:  $300 \times 200 \times 100\text{mm}$
10. Case material: aluminium+PC anti-ballistic material+epoxy filling
11. Waterproof grade: IP68(studs); IP65(controller)
12. Control box electrical protection: not less than surge 40KA.
13. Working mode: connect with traffic signal, traffic lights synchronization; connecting traffic cameras to detect the passing pedestrians.

## Bluetooth Synchronized Road Stud

### The Principle Of Bluetooth Synchronized Solar Road Stud

The Bluetooth synchronized solar road stud, which is also called Bluetooth solar co-frequency road stud, refers to the solar road studs installed separated which flash in the same frequency.





## Reflective Road Stud Series

### ADVANTAGE

- “ASTM D4280 & EN1463-1 standard”
- “Canada DBM mold insert and Taiwan PMMA make a lens with highest reflectivity”
- “Highest reflectivity-fade resistance”
- “Special groove design to improve reflectivity and compression resistance”
- “Lowest cost, good adhesive ability, easy to install makes it popular on global market”

### REFLECTIVITY

WHITE COLOR

Entrance Angle (BH, $\beta_v=0^\circ$ )	Observation Angle $\alpha$	EN1463-1 (mcd/lx)	Sample 1 (mcd/lx)	Sample 2 (mcd/lx)	Sample 3 (mcd/lx)
$\pm 15^\circ$	$2^\circ$	2.5	3.8	5.1	4.6
$\pm 10^\circ$	$1^\circ$	25	39	50	47
$\pm 5^\circ$	$0.3^\circ$	220	345	442	416

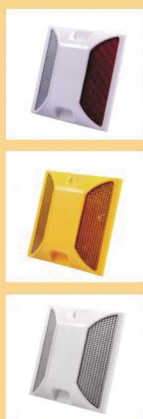
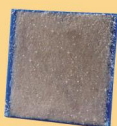
(White mcd/lux) (Observation Angle=0.2 degree)

Text Point	ASTM D4280	Sample 1	Sample 2	Sample 3
20L	112	178	275	245
0.2deg	279	628	702	612
20R	112	196	249	203

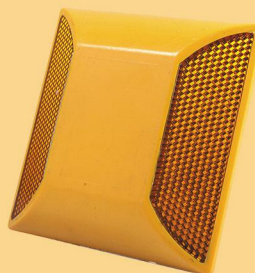
#### NK-1001



Color: Red, White, Yellow, Blue, Green  
 Size: 100\*100\*18mm  
 Body material: ABS  
 Filling: Epoxy+Quartz sand  
 Lens material: PMMA



#### NK-1002



Color: Red, White, Yellow, Blue, Green  
 Size: 100\*100\*20mm  
 Body material: ABS  
 Filling: Epoxy+Quartz sand  
 Lens material: PMMA



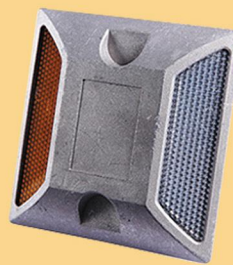
#### NK-1003



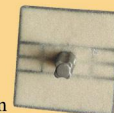
Color: Red, White, Yellow, Blue, Green  
 Size: 116\*82\*18mm  
 Body material: ABS  
 Filling: Epoxy+Quartz sand  
 Lens material: PMMA



#### NK-1004

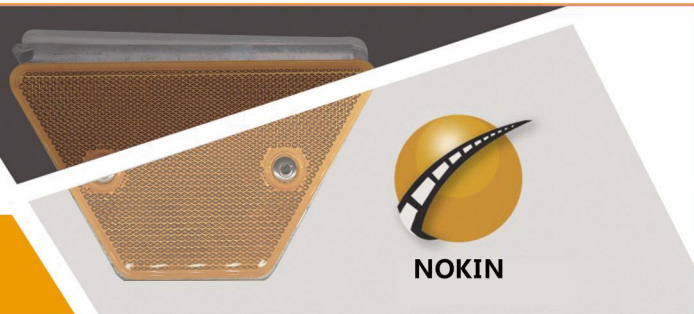


Color: Red, White, Yellow, Blue, Green  
 Size: 102\*102\*22+50mm  
 Spike: 50mm  
 Body material: Aluminum  
 Filling: Epoxy+Quartz sand  
 Lens material: PMMA

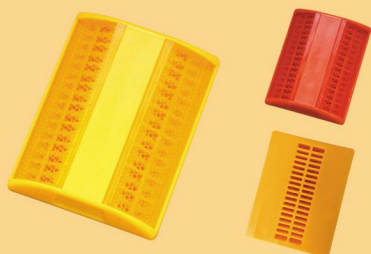




## Reflective Road Stud Series

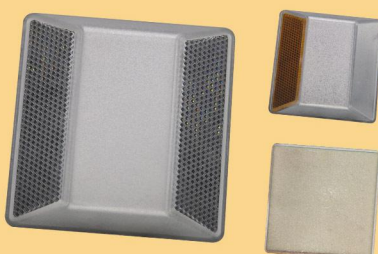


### NK-1005



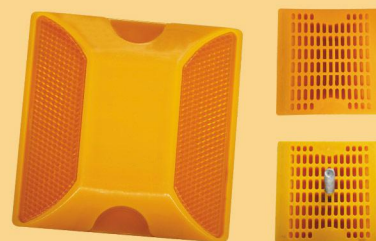
Color: Red, White, Yellow, Blue, Green  
 Size: 103\*80\*18mm  
 Body material: ABS  
 Compression: 16 T  
 Lens material: PMMA

### NK-1006



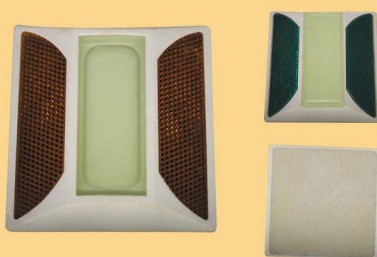
Color: Red, White, Yellow, Blue, Green  
 Size: 100\*100\*20mm  
 Body material: PC  
 Filling: Epoxy+Quartz sand  
 Lens material: PC

### NK-1007



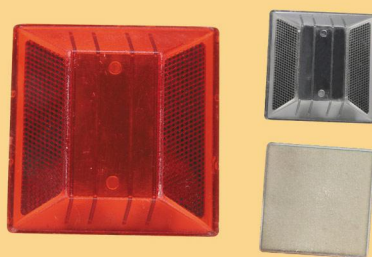
Color: Red, White, Yellow, Blue, Green  
 Size: 100\*100\*20mm  
 Body material: ABS  
 Model: With shank; Flat bottom.  
 Lens material: PMMA

### NK-1008



Color: Red, White, Yellow, Blue, Green  
 Size: 100\*100\*20mm  
 Body material: ABS+Phosphor Powder  
 Filling: Epoxy+Quartz sand  
 Lens material: PMMA

### NK-1009



Color: Red, White, Yellow, Blue, Green  
 Size: 100\*100\*20mm  
 Body material: PMMA  
 Filling: Epoxy+Quartz sand  
 Lens material: PMMA

### NK-1010



Color: Red, White, Yellow, Blue, Green  
 Size: 120\*120\*28mm  
 Body material: Aluminum  
 Reflection: Glass bead  
 Lens material: Glass

### NK-1011



Color: Red, White, Yellow, Blue, Green  
 Size: 100\*100\*20mm  
 Body material: PMMA  
 Filling: Epoxy+Quartz sand  
 Lens material: PMMA

### NK-GS-01



Color: Red, White, Yellow, Blue, Green  
 Size: 122\*70\*40mm  
 Body material: ABS+Aluminum+Steel+Zinc  
 Model: Double sided; Single side  
 Lens material: PMMA

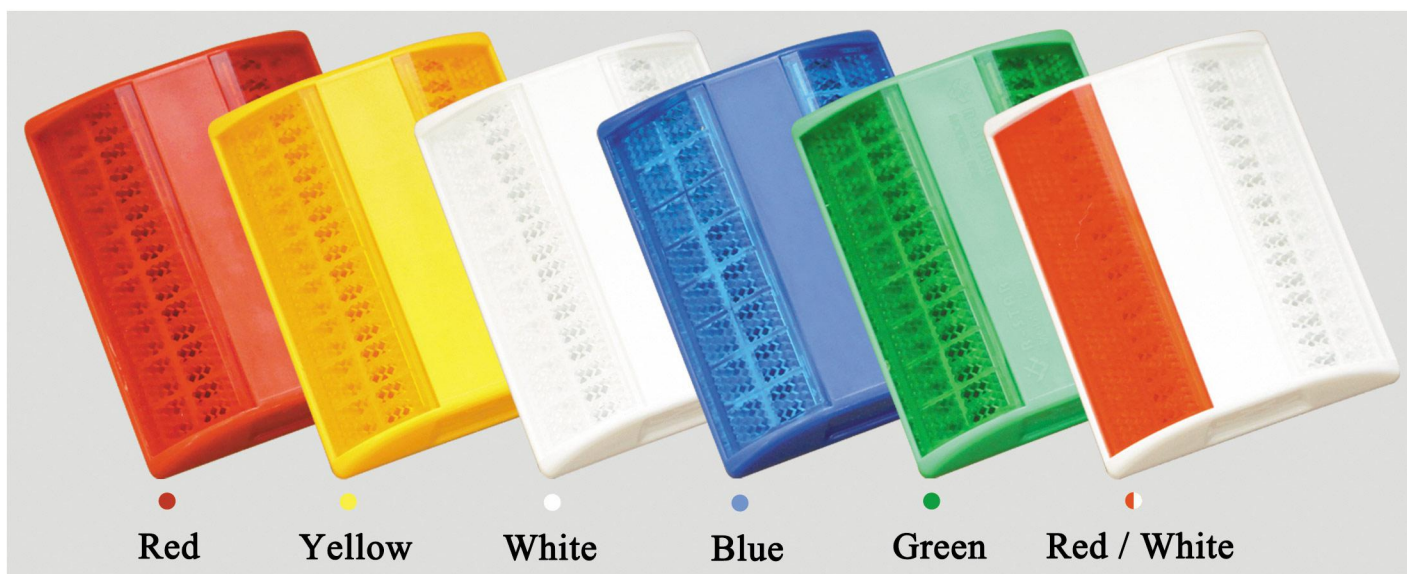
### NK-GS-02



Color: Red, White, Yellow, Blue, Green  
 Size: 150\*95\*63mm Thickness:15mm  
 Body material: PMMA+ABS+TPR  
 Model: Double sided; Single side  
 Lens material: PMMA



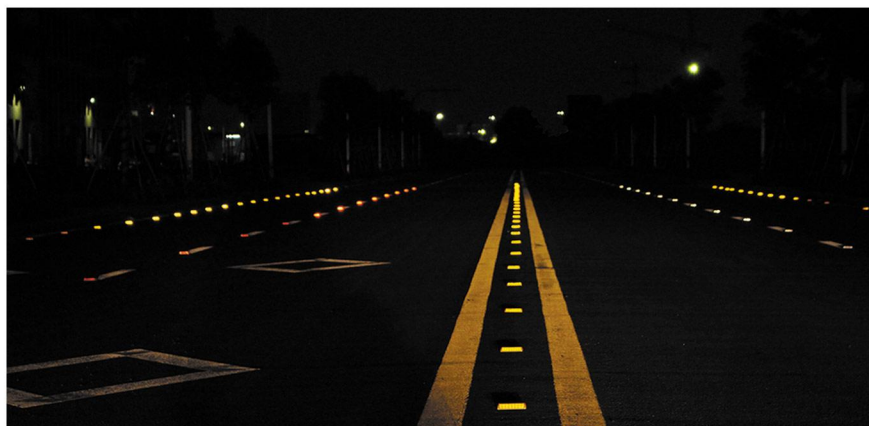
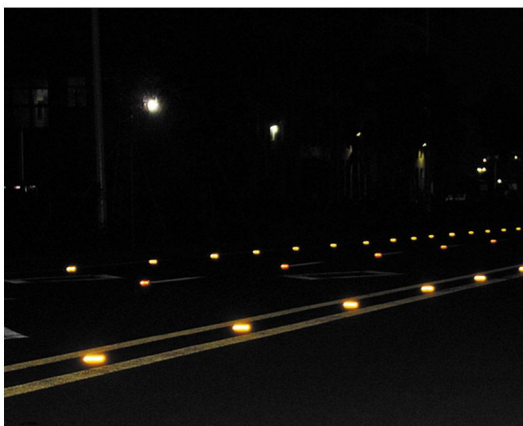
## Reflective Road Stud NK-1005



1. Material: PC/ABS
2. Reflective material: Impact resistant PMMA
3. Compression: 16 T
4. Color: Red, Yellow, White, Blue, Green
5. Size: 103mm x 80mm x 18mm
6. Weight: 90g  $\pm$  3g



- 1: Bore a hole with 24MM depth and 100MM dia, and remove residual asphalt concrete.
- 2: Inject some of epoxy resin or asphalt mastic when the hole dry enough.
- 3: Paste the road studs, The reflectors should face the coming direction of the vehicles.





## Solar Traffic Signals Series



### Branch Road

#### NK-SG56-B

Size: 600mm\*800mm\*1000mm  
 Voltage: DC12V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Mark Car Stop

#### NK-FB40-2

Size: 600mm\*800mm\*1000mm  
 Voltage: DC12V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Turn-Round Allowed

#### NK-SG36

Size: 600mm\*800mm\*1000mm  
 Voltage: DC12V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Height Limited

#### NK-FB35-1

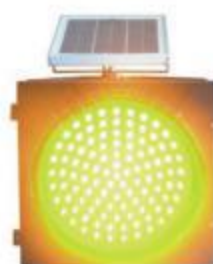
Size: 600mm\*800mm\*1000mm  
 Voltage: DC12V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Island Road

#### NK-SG11

Size: 600mm\*800mm\*1000mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Solar Yellow Warning Light

#### NK-YW11

Diameter: Φ200mm Φ300mm  
 Φ200mm Φ300mm  
 Color: Amber  
 Voltage: DC12V DC6V  
 Visual distance: >1200m  
 Working time in rainy days: >360hrs



### Linear Guide Sign

#### NK-LTD58-1

Size:  
 W600mm\*H800mm W450mm\*H600mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Linear Guide Sign

#### NK-LTD25-2

Size: W610mm\*H760mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Turn Right

#### NK-SG03

Size: 600mm\*800mm\*1000mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Speed Limit 40km/h

#### NK-SG38

Size: 600mm\*800mm\*1000mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs

## Solar Traffic Signals Series

### Crosswalk



#### NK-SG10

Size: 600mm 800mm 1000mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Keep Right

#### NK-SG07

Size: 600mm 800mm 1000mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs

### No Entry



#### NK-FB05

Size: 600mm 800mm 1000mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### No Stopping On Both Sides

#### NK-FB31

Size: 600mm 800mm 1000mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs

### Make A Way



#### NK-FB02

Size: 700mm 900mm 1100mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Bicycle Lane

#### NK-WN37

Size: 700mm 900mm 1100mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs

### Solar No Tooting



#### NK-FB32

Size: 600mm 800mm 1000mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Parking

#### NK-GD22

Size: 600mm 800mm 1000mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs

### Pass Through Both Sides



#### NK-SG38

Size: 600mm 800mm 1000mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Go-Straight Road

#### NK-SG22

Size: 600mm 800mm 1000mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



## Solar Traffic Signals Series



### Pedestrian Crossing

#### NK-WN10

Size: 700mm 900mm 1100mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Attention To Children

#### NK-WN11

Size: 700mm 900mm 1100mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Slow Down

#### NK-WN35

Size: 700mm 900mm 1100mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Attention To Signal Light

#### NK-WN14

Size: 700mm 900mm 1100mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Dangerous

#### NK-WN57

Size: 700mm 900mm 1100mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Road Work Ahead

#### NK-WN38

Size: 700mm 900mm 1100mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Curve Road Turn Right First

#### NK-WN03

Size: 700mm 900mm 1100mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Convex Road

#### NK-WN25

Size: 700mm 900mm 1100mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### No Left Turn

#### NK-FB22-2

Size: 600mm 800mm 1000mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### No Pedestrian Crossing

#### NK-FB21-2

Size: 600mm 800mm 1000mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs

## All-in-one Solar Street Light



### LED Street Light: NK-SL-05W

Solar Panel Max Power: 18V 8W

Solar Panel Life Time: 25 years

Battery Type: Lithium Battery 12V/6AH

LED Max Power: 12.V 8W

Lumen(LM): 900-1040lm

LED Life Time: 50000hours

Working TEMP( °C ): -25~+65°C

Sensor Distance: 8-12m

Product size: 330\*243\*35mm



### LED Street Light: NK-SL-08W

Solar Panel Max Power: 18V 20W

Solar Panel Life Time: 25 years

Battery Type: Lithium Battery 12V/6AH

LED Max Power: 12.V 8W

Lumen(LM): 900-1040lm

LED Life Time: 50000hours

Working TEMP( °C ): -25~+65°C

Sensor Distance: 8-12m

Product size: 505\*295\*70mm





## All-in-one Solar Street Light



### LED Street Light: NK-SL-12W

Solar Panel Max Power: 18V 20W  
Solar Panel Life Time: 25 years  
Battery Type: Lithium Battery 12V/9AH  
Lumen(LM): 1300-1560lm  
LED Life Time: 50000hours  
Working TEMP( °C ): -25~+65°C  
Sensor Distance: 8-12m  
Certificate: ISO/CE / ROHS / IP65  
Product size: 505\*295\*70mm

### LED Street Light: NK-SL-15W

Solar Panel Max Power: 18V 30W  
Solar Panel Life Time: 25 years  
Battery Type: Lithium Battery 12V/12AH  
Lumen(LM): 1600-1900lm  
LED Life Time: 50000hours  
Working TEMP( °C ): -25~+65°C  
Sensor Distance: 8-12m  
Mounting height: 4-5m  
Product size: 780\*295\*44mm



### LED Street Light: NK-SL-20W

Solar Panel Max Power: 18V 50W  
Solar Panel Life Time: 25 years  
Battery Type: Lithium Battery 12V/18AH  
Lumen(LM): 2100-2600lm  
LED Life Time: 50000hours  
Working TEMP( °C ): -25~+65°C  
Sensor Distance: 8-12m  
Mounting height: 5-6m  
Product size: 920\*295\*44mm



## All-in-one Solar Street Light



### LED Street Light: NK-SL-40W

Solar Panel Max Power: 18V 60W  
 Battery Type: Lithium Battery 12V/27AH  
 Lumen(LM): 4200-5400lm  
 Working TEMP( °C ): -25~+65°C  
 Sensor Distance: 8-12m  
 Product size: 1136\*295\*44mm



### LED Street Light: NK-SL-60W

Solar Panel Max Power: 18V 90W  
 Battery Type: Lithium Battery 12V/33AH  
 Lumen(LM): 6200-7600lm  
 Working TEMP( °C ): -25~+65°C  
 Sensor Distance: 8-12m  
 Product size: 1136\*420\*44mm



### LED Street Light: NK-SL-30W

Solar Panel Max Power: 18V 60W  
 Battery Type: Lithium Battery 12V/24AH  
 Lumen(LM): 3200-3800lm  
 Working TEMP( °C ): -25~+65°C  
 Sensor Distance: 8-12m  
 Mounting height: 7-8m  
 Product size: 1136\*295\*44mm



### LED Street Light: NK-SL-50W

Solar Panel Max Power: 18V 80W  
 Battery Type: Lithium Battery 12V/30AH  
 Lumen(LM): 5200-6400lm  
 Working TEMP( °C ): -25~+65°C  
 Product size: 1136\*420\*44mm  
 Sensor Distance: 8-12m  
 Mounting height: 7-9m



### LED Street Light: NK-SL-80W

Solar Panel Max Power: 18V 100W  
 Battery Type: Lithium Battery 12V/42AH  
 Lumen(LM): 8000-10000lm  
 Working TEMP( °C ): -25~+65°C  
 Product size: 1469\*420\*395mm  
 Sensor Distance: 8-12m  
 Mounting height: 8-10m





## All-in-one Solar Street Light

### NK-SL-90W



#### LED Street Light: NK-SL-90W

Solar Panel Max Power: 18V 130W  
 Battery Type:  
 Lithium Battery 12V/70AH  
 Lumen(LM): 11000-12000lm  
 Working TEMP( °C ): -25~+65°C  
 Sensor Distance: 8-12m  
 Product size: 1570\*460\*45mm

### NK-SL-100W



#### LED Street Light: NK-SL-100W

Solar Panel Max Power: 18V 130W  
 Battery Type:  
 Lithium Battery 12V/70AH  
 Lumen(LM): 10000-11000lm  
 Working TEMP( °C ): -25~+65°C  
 Sensor Distance: 8-12m  
 Product size: 1570\*460\*45mm

### NK-SL-110W



#### LED Street Light: NK-SL-110W

Solar Panel Max Power: 18V 150W  
 Battery Type:  
 Lithium Battery 12V/70AH  
 Lumen(LM): 11000-12000lm  
 Working TEMP( °C ): -25~+65°C  
 Sensor Distance: 8-12m  
 Product size: 1670\*460\*45mm

### NK-SL-120W

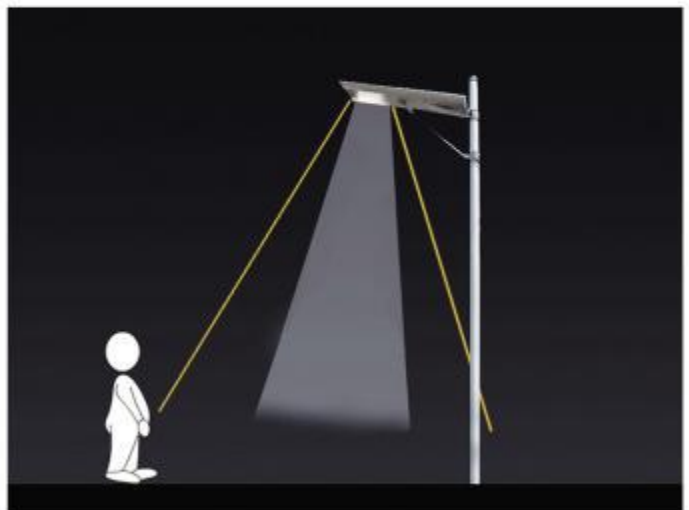


#### LED Street Light: NK-SL-120W

Solar Panel Max Power: 18V 150W  
 Battery Type:  
 Lithium Battery 12V/70AH  
 Lumen(LM): 11000-12000lm  
 Working TEMP( °C ): -25~+65°C  
 Sensor Distance: 8-12m  
 Product size: 1670\*460\*45mm

## The Principle Of The All In One Solar Led Street Light

The working principle of the all in one solar street light is almost the same with the ordinary street light, and the differences between them are that there is lamp holder, solar panel, accumulator, control system which can control the pattern of charge-discharge. If all these are integrated in the lamp holder, the lead-acid battery will be changed into a li-battery, which is light and easy to install.

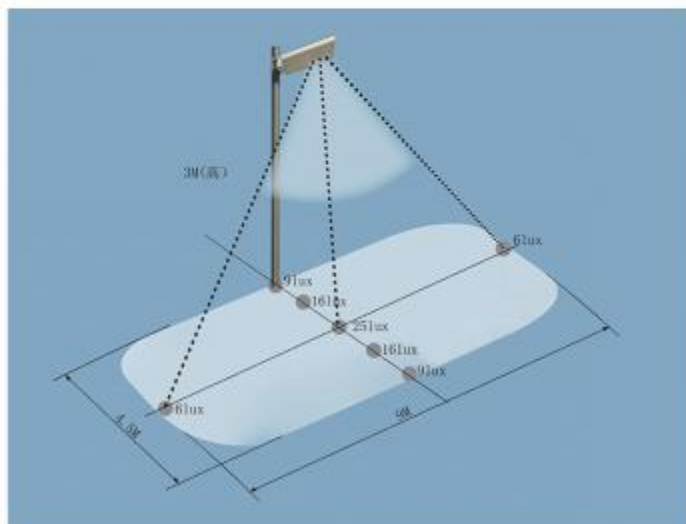




## All-in-one Solar Street Light



### The Illumination Of The All In One Solar LED Street Light



Height(M)	Pole Space(M)	Lamp Power(W)	Central illumination(LUX)	Edge illumination(LUX)
3.5	10	10	35	9
5	15	15	33	10
5	20	15	29	2
5.5	20	25	30	6
6	20	20	28	8
6	20	25	32	9
6	20	35	48	12
6	20	25	29	6
7	20	50	56	16
7	20	30	28	9
8	28	40	30	8
8	25	55	39	8
8	25	60	43	11
8	25	35	28	8
8	25	45	34	7
8	25	55	39	8
9	25	40	28	9
9	30	70	55	15
9	30	50	30	7
10	25	60	28	8
10	30	55	26	8
10	30	65	32	9
10	25	50	26	6

### Production photos







## Packing Of Solar Street Light



## Installation Of The Solar Street Light

It can be installed in street lighting; park lighting; roadway lighting; fence lighting; pathway lighting; campus lighting; ramp lighting; boat dock lighting; sidewalk lighting; remote area lighting; private road lighting; farm & ranch and other places where need outdoor illumination.







## Solar Traffic Signals Series

### Solar Sign Series

#### NK-FB05-1

Size: 700mm 900mm 1100mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Solar Sign Series

#### NK-FB40-3

Size: 700mm 900mm 1100mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Slow Down

#### NK-FB80

Size: 600mm\*800mm\*1000mm  
 Voltage: DC12V DC6V  
 Visual distance: >800m  
 Working time in rainy days: >360hrs



### Solar Yellow-Slow Warning Light

#### NK-YW12

Diameter: Φ300mm Φ400mm  
 Φ500mm  
 Color: Amber and Red  
 Voltage: DC12V DC6V  
 Visual distance: >1200m  
 Working time in rainy days: >360hrs



### Solar (Double) Sign Series

#### NK-SG

Size: L400mm L500mm  
 L600mm L800mm L1000mm  
 Voltage: DC12V  
 Visual distance: >1000m  
 Working time in rainy days: >360hrs



### Solar Speed Limited Sign

#### NK-SG38-1

Size: L1000mm L1200mm  
 Voltage: DC12V  
 Visual distance: >1200m  
 Working time in rainy days: >360hrs



## Convex Mirror

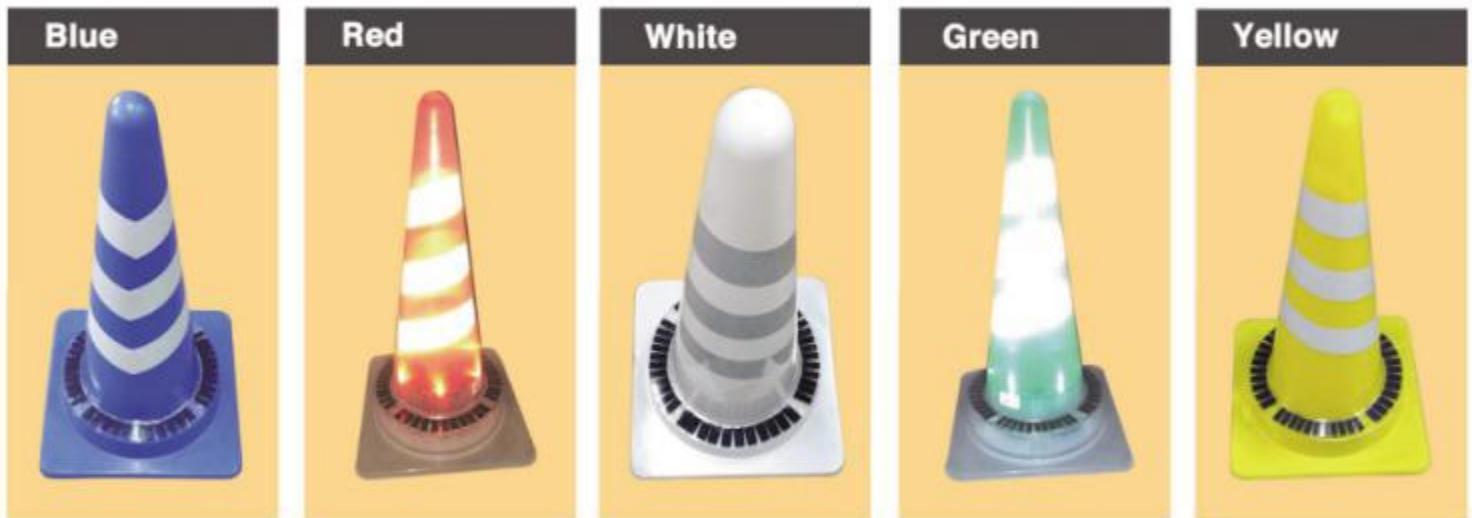
### Outdoor



### Indoor



## Solar Road Cone



## NOKIN LED Solar Warning Light

### Summary :

Solar ultra bright LED rotating warning light is updated product at the basis traditional mechanical rotating light. The light source designed with low power consumption ultra bright Led, with characteristic of working at lower temperature, long life span, less maintenance and best anti-interference performance.

### Characteristic:

- Water proof
- Lower power consumption
- Long life span
- No mechanical equipment, noiseless
- Adopting imported electronic component
- Working temperature
- -250C~550C; RH: 10%~95%



NK-WL-C6



NK-WL-C1





**NOKIN GROUP CO., LTD**

**SHEN ZHEN NOKIN TRAFFIC FACILITIES CO., LTD**

Adds: 4/F, C1 Block, Xiangli Industrial Zone, Fuyuan Road,  
Fuyong Town, Bao'an District, Shenzhen, China

Sales Dep 1: +86 755-23594730

Mobile: +86 13602600950

Whatsapp: +86 13602600950

E-mail: [info@nokintraffic.com](mailto:info@nokintraffic.com)

Skype: [nokintraffic](#)

Web 1: <http://www.nk-roadstud.com>

Web 2: <http://www.roadstudlight.com>

Web 3: <http://www.solar-ledstreetlight.com>

Web 4: <http://nktraffic.en.alibaba.com>