

Aluminum Road Studs

Specification

Item: Permanent road stud.

Model No.: KT304.

Net Weight: 340g.

Dimension: 127.4mmx89mmx22mm, shank diameter: 21.5mmx55mm(length).

Color: White, yellow, red.

Material: Aluminum shell with quartz sand filled on the back, with acrylic lens.

Compressive strength: 30 tons.

Installation: bitumen or epoxy resin.

Package: 40pcs/carton,

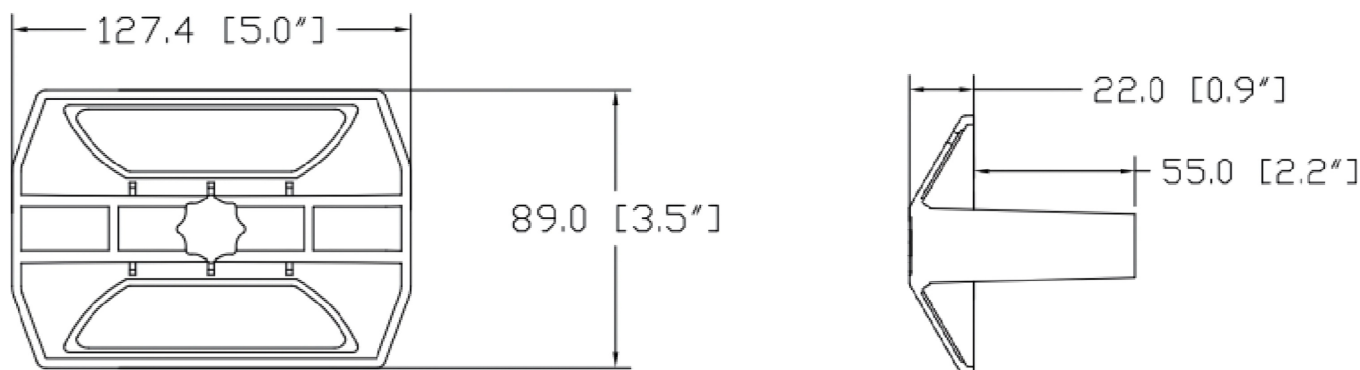
carton size: 49.5x27x23cm,G.W.:15.4kgs.

Regulation: EN1463-1 and ASTM D 4280.

Circumstance: -30°C - 85°C.



Aluminum Road Studs



Features

- > Can use on all road surfaces, the combination of an advanced optical design and computer-aided construction design has resulted in a highly visible, long-lasting system that offers high performance.
- > The reflector lens offer high visibility in wet and dry weather, day and night conditions. With bright retro-reflected light when illuminated by car headlights, exceeding 1.5 times than requirements of BS EN1463-1.
- > Strong construction with quartz sand filled with aluminium housing guarantee long-lasting performance.
- > The special silver coating for lenses can prevent oxidation.

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Instalation method

1. Ensure your work environment is safe and measures are in place to keep traffic away from your work crew and ensure the safety of yourself and your workers
2. Identify and mark installation position, ensure installation position is according to the road authority standards, improper placement of road studs can cause confusion to drivers and lead to accidents
3. Drill hole in asphalt on marked position 24mm dia x 65mm deep
4. Ensure hole is clean and dry and free of any debris, any obstruction in the hole will hamper the proper and secure installation of the road stud, any oil or other chemicals on the road surface will prevent epoxy resin glue from adhering properly
5. Mix two part epoxy resin glue and place enough epoxy onto hole, push shank of stud through epoxy glue into hole ensuring enough epoxy to completely cover underside of stud and secure the shank in the hole, always use gloves when working with epoxy resin
6. Align the stud properly so lens face oncoming traffic, wrong alignment of the road stud will look real bad and minimize the effectiveness of the retro reflective lens
7. Scrape away any extra epoxy glue and return to glue pot for later use, take care not to get any epoxy glue onto stud lens
8. Inspect Installation to ensure quality workmanship
9. Protect stud from traffic until epoxy glue is dry, this will take about one hour depending on the ambient temperature and type of epoxy glue used
10. Always: Work safe, Work accurate, Work fast

Aluminum Road Studs

3-year warranty

K-Lite Southern Africa conditionally guarantee our Metal Road Studs with shank for a period of three (3) years, two warranties with conditions are applicable

1. Material only guarantee

This warranty is valid regardless who installs the product and is valid from date of sale of product

This warranty does not cover severe rim strikes, vandalism, failure of the road surface, failure of the installation or unnatural causes like a fire or an accident destroying the Road Stud

In the event of a stud failing just e-mail a picture and location to warranty@k-lite.co.za , we will replace the material (Road Stud) free of any charge

Any modification to the material will void the warranty

2. Material and Installation

This warranty is only valid if we do the installation and is valid from date of installation
This warranty does not cover severe rim strikes, vandalism, failure of the road surface or unnatural causes like a fire or an accident destroying the Road Stud

In the event of a stud or installation failing just e-mail a picture and location to warranty@k-lite.co.za

We will have a team on site within 60 days to replace the Road Stud free of any charge (you only provide traffic accommodation)

These warranties are only applicable within South Africa; we can extend outside South Africa on request



K-Lite KT-304 Metal stud with shank

1. SABS tested the KT-304 stud in November 2012 in the category RSA1, "Galvanized road studs" according to SANS 1442: 2008 (edition 1.3), this is the current SABS standard, and found it complied with all requirements with no exclusions
2. SANRAL in the Western Cape road tested the K-Lite KT-304 stud in Sir Lowry's Pass in 2013 and approved the studs at the end of a one year Trial test, all other SANRAL regions also approved the KT-304 for use on national roads
3. Western Cape Provincial government approved the use of KT-304 on their roads after two trail tests in 2013
4. To-date supplied and installed over 100,000 studs in South Africa, Ermelo N11, New Castle, Cradock R61, R63 and N9, N1 Ventersburg, N1 Kroonstad & Bloemfontein N1, Western Cape N1/N2/R300/R27/Polkadraai
5. Estimated scrap value K-Lite KT-304: **R1.15**



- Estimated scrap value for regular Cast Iron stud: **R1.60**
6. **Stock availability:** We currently have more than 50,000 studs in stock and will increase stock levels to match demand
 7. We conditionally guarantee all our metal studs with shanks for a period of three (3) years:

Material and Installation

In the event of a stud or installation failing all you have to do is e-mail us a picture and the location and we will have a team on site within 60 days to replace the Road stud at no cost to you. This warranty does not cover severe rim strikes, vandalism, failure of the road surface or unnatural causes like fires or an accident destroying the Road Stud, this warranty is only valid if we do the installation and is valid from date of installation

Material only

In the event of a stud failing all you have to do is e-mail us a picture and the location and we will replace the material (Road Stud) at no cost to you. This warranty does not cover severe rim strikes, vandalism, failure of the road surface, failure of the installation or unnatural causes like fires or an accident destroying the Road Stud, this warranty is valid regardless who installs the product and valid from date of sale of product

8. Our professional installation teams can install 100 – 120 studs per hour / team and we can provide as many teams as your traffic accommodation can handle .