

# SolarLite™ F Road Studs

Solar-powered surface mounted guidance and advance warning to road users day and night



<b>Reflector colour</b>	Amber, Red, White, Green, Blue
<b>Operating temperature range</b>	-20°C (-4°F) to 60°C (140°F)
<b>LED configuration</b>	Uni / Bi directional
<b>LEDs per stud</b>	1 per uni directional stud 2 per bi directional stud
<b>LED size</b>	5mm
<b>LED colours</b>	Amber to EN1463 Red to EN1463 White to EN1376 C Green to EN1463 Blue to EN1376 A
<b>Approximate max distance of view</b>	Up to 900m dependent on road layout
<b>LED output</b>	>100Hz
<b>Battery</b>	Nickel metal hydride
<b>Output - full charge</b>	Up to 240 working hours with no solar input
<b>Time to full charge</b>	Time to full charge 3hrs @100 klux (sunny day)
<b>Fixative</b>	Triflex R238 Resin (UK) or Robnor Resin EL628SS (Non-UK)
<b>Housing colour</b>	White

<b>Dimensions</b>	108 x 112 x 52mm (4.25"x 4.4"x 2.04")
<b>Projection</b>	4mm (0.15") above road surface
<b>Weight</b>	450g (16oz)
<b>Reflector</b>	Diamond grade



## Snowplough housing\*

### Keeping the studs protected in winter

The Clearview snowplough-proof housing is specifically designed to protect the SolarLite road stud all year round, regardless of the weather conditions, ensuring they deliver their safety benefits.

Our innovative snowplough housing is manufactured in durable cast iron which is designed to overcome traditional issues by deflecting the snowplough blade over the road stud, ensuring the stud's longevity, and enabling drivers to benefit from the additional safety that the studs provide even in the worst weather conditions.

<b>Material</b>	Ductile Iron (EN-GJS-400-18-LT20)
<b>Dimensions</b>	153 x 153 x 62.5mm (6" x 6" x 2.46")
<b>Projection</b>	4.5mm (0.18") above the road surface
<b>Weight</b>	2.35kg (82oz)