

**Protection Against Temperature EYE. Standard RRPM with a real time temperature device
 To help motorists evaluate and prepare for ice formation for Safer Motoring.**

Specifications	
Mounting	In-ground
Face Type	Toughened glass
Construction	Metal
Body Colour	Silver
Voltage - Solar	3V
Solar Panel	160Ma
Solar Panel Life	20 years
Battery Amp	1.2V 0.6ah Ni-CD
Battery Life	5 years
Lamp Colour	Red - White - Amber - Blue (TBC)
Lamp Life	50,000 hours (approx 11 years)
Diameter	132mm x 122mm x 20mm
Hold Pressure	30T
Working Temperature	0°C - 3°C
Light Distribution	500M
Manufactures Warranty	12 months on parts only NZ Made
Water Proofing - IP Rating	IP67
Additional Information	- Telemetry Data Information - optional extra
Current Prototype with	- Wording ICE built in 3M reflective strip - optional
Optional Extras	- Works at GROUND temperature not air - Charges whilst it works - Charges off car head lights - Flashes day and night - STANDARD RRPM with a Unique Patent Pending Temperature Device

Parameters	
Solar Panel	0.3W 3v/100mA Monocrystal Silicon
Battery	1.2v/800mA high temperature resistant battery
Working Time	In standard light in the sun for 8 hours it can continue working 72 hours will also take charge whilst in operation during the day and small charge from car head lights at night
Flashing	Frequency 2HZ±20% and often bright
Colour	White, yellow, red, blue, green
LED	Ø8mm superbright fog-proof light
Visual Distance	≥500m
Life Span	>5 years
Working Environment	-20° ~ +70°
Intensity of the light	Front lighting <500 lux
View angle	30 degree
Size	130*120*80mm
Compression Resistance	>20T
Classification by Design	Depressible road stud
Classification by Reflector	Plastic with abrasion resistant layer
Installation Systems	Bonded road stud - fixed to road using an adhesive applied to the road surface at the time of installation. Embedded road stud - fixed into a prepared cavity of an appropriate dimension cut into the road surface - for example the traditional "CATS EYE"
Performance Requirements	1>Dimensions Height of stud over road surface: 18 to 20mm Max Length & Width of road studs: 130*120mm 2>Night Time Visibility: >500m

