

SR-30 – Hard Wired Road Studs



ADVANTAGES					
<ul style="list-style-type: none"> • Hard wired mains power, optional solar & battery • Option to connect to any input/output system 			<ul style="list-style-type: none"> • Uni or bidirectional LED operation • LED with variable brightness 		
OPERATION MODES (24/7)					
<ul style="list-style-type: none"> • Constant (always on) 			<ul style="list-style-type: none"> • Intermittent (flashing) • Sequential (strobing) 		
ELECTRICAL CHARACTERISTICS					
Power	12 Vdc			24Vdc	
LED Colour	Amber	Red	White	Blue	Green
Average consumption	Unidirectional 40mA Bidirectional 80mA				



REMA Nikkalite

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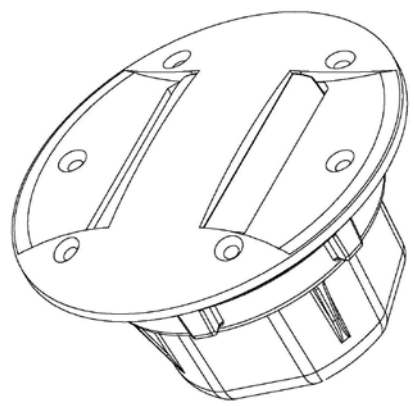
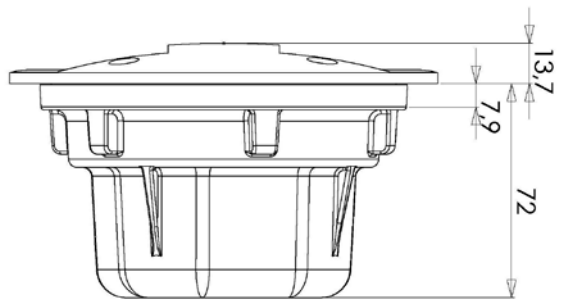
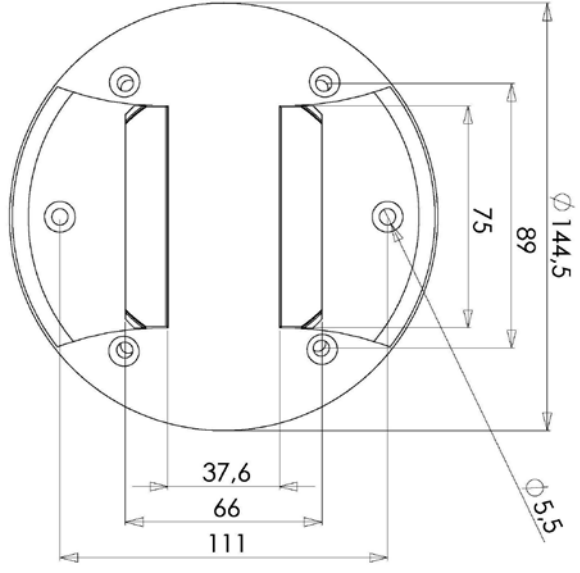
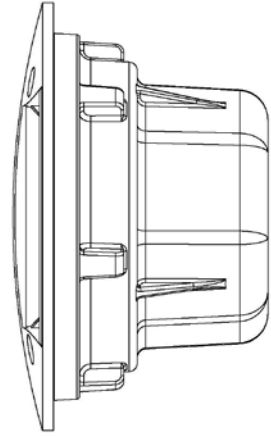
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CLEARLY BETTER

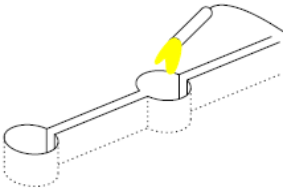
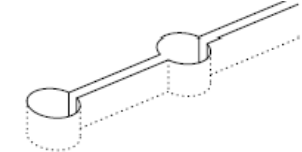

OPTICAL CHARACTERISTICS					
Number of LEDs	8 LEDs – Unidirectional 16 LEDs - Bidirectional				
Type LED	CREE 5mm		NICHIA 5mm		
Colour LED	Amber	Red	White	Blue	Green
Viewing Angle	15°	15°	15°	15°	15°
Brightness Intensity	Min: 8200mcd Max: 16800mcd	Min: 8200mcd Max: 16800mcd	Min: 22000mcd Max: 31000mcd	Min: 6960mcd Max: 9750mcd	Min: 15320mcd Max: 21650mcd
STUD BODY					
Physical dimensions	Diameter: 144.5mm Depth: 85.7mm Maximum rising from road surface: 13.7mm (centre of the parable) Installation depth: 80mm Visible surface: Diameter 144.5mm				
Material	Base – Aluminium Top – Aluminium, Polycarbonate				
Cap Treatment Options	Polished treatment (P)				
Mechanical Resistance	10 Tons				



DO NOT SCALE DIMENSIONS	REVISION
MEDIDAS GERBAS - CLIENTES	
TÍTULO	
SERVIS	
PROYECTO	A2
SR-30	
SCALE(S)	DATE (DD)

INSTALLATION INTO CARRIAGEWAY

- As required by Traffic Signs Manual Chapter 5
- Sealing compound Triflex R238 (stud), Triflex R239 (cable) or Sikadur 42 (stud and cable); refer to the manufacturer's instructions for correct mixing and use.

<ol style="list-style-type: none"> 1) Drill holes 80mm deep using a 130mm diameter bit. 2) Open a connection between holes for the cabling; Width 25mm, Depth 65mm 3) Remove all debris from inside and around the holes. 4) Dry the holes using a blow torch. 	
<ol style="list-style-type: none"> 5) Place studs in the holes and connect the cabling 6) Pour sealing compound into each hole to approximately 50% of depth. 7) Orientate stud to direction of traffic and firmly press into hole. 8) Gently tap top of stud with a rubber mallet to seat the stud correctly. 9) Remove excess sealing compound. 10) Ensure shoulder of stud rests on carriageway surface. 11) Scoop up excess sealing compound from edges of stud. 12) Ensure no sealing compound is on surface of stud. 13) Fill cabling opening to specifier's instructions. 	 
<ol style="list-style-type: none"> 14) Allow sealing compound to dry for approximately 1 hour before traffic over the studs. 	