



TWM TRAFFIC CONTROL SYSTEMS

LED Queue Warning with Speed Control

TRIANGULAR WARNING SIGN with Alternative QUEUE AHEAD display

This Inter-active sign has been designed to mirror the triangular warning sign Diagram 584 as described in the TSR&GD, which is displayed above the message QUEUE AHEAD. This display alternates with an alternative display of Diagram 670 "30" with the safety message SLOW DOWN. Each message displays for 1 second before alternating to the next display usually with an overall display time of 6 seconds. For help with the different displays allowed inside the Triangle contact our design team.



Measurements:

- ✓ Sign shown: 700mm x 1200mm
- ✓ Triangle Display size: 600mm, 750mm, 900mm and 1200mm
- ✓ SLOW DOWN and QUEUE AHEAD Text: Size increases with size of Triangle (1/4 of the Triangle or Roundel Height)

Key Features:

- ✓ Multi-stage dimming
- ✓ Fully enclosed anti-vandal unit
- ✓ 230 or 12 volt operation
- ✓ Radar or loop activation
- ✓ Virtually No maintenance
- ✓ Sizes and display as the TSR&GD
- ✓ High performance LED output
- ✓ Lightweight robust aluminium casing
- ✓ Channel rail on the rear for easy installation
- ✓ Quick & easy mounting facility for moving around sites

Options:

- ✓ Optional data recording facility



www.twmtraffic.com 01606 596622

Unit 4, Oasis Business Park, Road One
Winsford Ind Est, Winsford, Cheshire CW7 3RY

Electrical data

Rating	230VAC, 50/60hz
Power Consumption	Low Power Design
Peak (All LEDs active)	Design Dependant

Radar sensor

Type	CW Doppler
Operating Frequency	K-Band (24GHz)
Power Usage @ 4Hz	100m <65mW 200m <170mW 400m <65mW
Beam Angle	38° x 45° 32° x 30° 24° x 12°
Output Capability	RS232 or RS485 or USB
Detection Range	min. 100m max. 400m Typ. 200m
Operating Speed	1mph – 150mph
Certification	CE approved

LEDs

Brand	Cree 5mm Round LED
Colour	White and Red
Viewing Angle	30°
Operating Temp	-40° + 95°
Life Span	Over 50,000 hours
Lens	5mm Polycarbonate

Mechanical data

Continuous/Discontinuous	Discontinuous
Enclosure	3mm Aluminium
Finish	Powder Coated
Colour	Black
Protection Degree	IP55
Operating Temp	-15°C to + 60°C
Impact Resistance	CCM
Vibration	CCM
Certification	EN 12966:2014 CE Approved



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