UltraLight™

With compliance to the highest industry standards, improved reliability as well as a simplified user experience, UltraLight™ is a premium portable traffic signal like no other.

KEY BENEFITS:

- Meets the highest industry standards with TOPAS 2540A compliance
- Enhanced radio connectivity reducing interference between signals
- Link up to 18 signals with no cables needed
- Autoconfigured Multiphase ADS as standard
- Extended running time compared to EuroLight® & RadioLight® signals
- IP56 water ingress rating and robust design

FUNCTIONALITY:

- Adjustable red/green timings for traffic phases
- Adjustable blackout timing for pedestrian phases
- All red, all off and flashing amber modes
- Automatic signal dimming
- Max time sets capabilities
- Part-time signal capabilities
- Connect with SRL Variable Message Signs (VMS)
- Four bullet locks and one T-bar lock as standard

RELATED PRODUCTS:

- REMOS™
- Multiphase ADS
- SRL SolarPLUS®
- SRL Telematics
- Pedestrian signals
- Portable UTMC
- SRL Euro Remote™

Highways Approvals & Compliance

- Topas 2540A

AVAILABLE TO HIRE OR PURCHASE

E hire@srl.co.uk or sales@srl.co.uk
T 0808 2818 775 **W** srl.co.uk

Scan here for more UltraLight™ information

PHYSICAL APPEARANCE	
Signal Head Configuration	Single Head Capability
Height	2320mm
Box Dimensions	465mm (H) x 700mm (W) x 860mm (D)
Overall	2320mm (H) x 700mm (W) x 1070mm (D)
Weight (exc. batteries)	84kg
Weight (inc. batteries)	153kg
Security	Four bullet locks and one T-bar lock as standard

POWER	
Battery Type	Lead Acid / AGM
Run Time	9 Days (LA) / 14 Days (AGM)
Battery Capacity	115 mAh (LA) / 100 mAh (AGM)
No. of Batteries	3
Charge Time	8 hours
SRL Solar PLUS® Compatible	Yes
Operating Voltage	12v
Operating Current	8w

OPERATING MODES	
Multiphase ADS	Yes
VA	Yes
All Red	Yes (via signal controller or remote)
Red Time Method	1 second increment changes
Adjustable Green Time	10s - 60s in increments of 1 second
Adjustable Red Time	1s up to 50s in increments of 1 second
Manual	Yes (via controller or remote)
Fixed Time	Yes (via controller)
Day Programming	Yes (on and off different days)
Part Time Signalling	Yes
Signal Dimming	Yes (Auto-dimming for night time operation)
UTMC Compatibility	Yes
Safety Class:	TOPAS 2540A

CONTROLLER	
Max Traffic Heads	18
Max Pedestrian Heads	16
Max Traffic Phases	8
Max Pedestrian Phases	1
Max Pedestrian Crossings	8
Max Total Signal Phases	8
Max Time Sets	6
Remote Control Compatible	Yes (SRL Euro Remote)

COMMUNICATION	
Detection Technology	SRL ADS Dectector (TOPAS 2505B)
System Range	~300m
Radio Frequency	458Mhz
SRL Telematics	Yes

SOLAR TECHNOLOGY	
SRL Solar PLUS® Power	50w
Intergrated MPPT (Maximum Power Point Tracking) Charge Controller	Yes
Cell Technology	Monocrystalline silicon
Conversion of Sunlight	24%

ENVIRONMENTAL

TOPAS 2540A Compliance

Directives:

2014/30/EU - Electro Magnetic Compatibility Directive (EMC 2016)

2014/53/EU - Radio Equipment Directive (RED) 2017

2011/305/EU - Construction Products Regulations 2013

SI 2005 NO 1803 - General Product Safety Regulations 2005

(EU) 2015/863 (RoHS 3) - Restriction of Hazardous Substances

Standards:

BS EN 50556 - Road Traffic Signal Systems

BS EN 12675 - Traffic Signal Controllers - Functional Safety Requirements

BS EN 12368 - Traffic Control Equipment/Signal Heads

BS EN 50293 - Electromagnetic Compatibility Road Traffic Signal Systems Product Standard

BS EN 61010-1 - Safety Requirements for Electrical Equipment and Measurement, Control and Laboratory Use

BS EN 60529;1992+A2:2014 - Degrees of Protection Provided by Enclosures

BS EN 60068-2-64:2008+A1:2019 - Environmental Testing

BS EN 62262:2002+A1:2021 - Degrees of Protection Provided by Enclosures for Electrical Equipment Against External Mechanical Impacts

BS EN 1990:2002+A1 - Eurocode. Basis of Structural Design. Compilation of BS EN 1990:2002 and The National Annex

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