

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 24 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:

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

RELATED PRODUCTS:

- ② REMOS
- ② Multiphase ADS
- ② SRL SolarPLUS
- ② SRL Telematics
- ② Pedestrian signals
- ② Portable UTMC
- ② SRL Euro Remote

AVAILABLE TO HIRE OR PURCHASE

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



Highways Approvals & Compliance

- ✓ Topas 2540A



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)	86.1kg
Weight + SRL Solar PLUS (exc. batteries)	90.0kg
Weight (inc. batteries)*	155.1kg
Weight + SRL Solar PLUS (inc. batteries)*	159.0
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

AVAILABLE TO HIRE OR PURCHASE

E hire@srl.co.uk or sales@srl.co.uk

T 0808 2818 775 W srl.co.uk

CONTROLLER	
Max Live Traffic Heads	24
Max Pedestrian Heads	22
Max Traffic Phases	8
Max Pedestrian Phases	1
Max Pedestrian Crossings	11
Max Total Signal Phases	8
Max Time Sets	5
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	

* Based on x3 23kg Lead Acid Batteries.