



# Datasheet EuroLight

## Key Benefits:

- Link up to 18 signals through radio-link, with no cables needed.
- UTMC compatible.
- Multiphase Adaptive Detection System (ADS) compatible.
- Fully portable for flexibility and ease of use.
- Guaranteed 300m operating distance.

## Functionality at a glance:

- Adjustable minimum green time - 7 seconds or 12 seconds.
- Adjustable gap time - Between 3 and 5 seconds.
- Pre-programmable start-up & shut-down mode - All red / All off.

## Related Products:

- Multiphase ADS.
- SRL SolarPLUS.
- SRL Euro Remote.
- SRL Telematics.

## Compliance:

- TOPAS 2537A.
- TOPAS 2538A.



For more information about EuroLight,  
Visit [srltraffic.ie](http://srltraffic.ie) or call us on **01-5384971**.

PHYSICAL APPEARANCE	
Signal Head Configuration	Single Head or Double-Head Capability
Height	2320mm
Box Dimensions	465mm (H) x 710mm (W) x 800mm (D)
Overall	2320mm (H) x 710mm (W) x 800mm (D)
Weight	89kg (exc. batteries) <span style="float: right;">158kg (inc. LA battery) 188kg (inc. AGM battery)</span>
Security	Four bullet locks and one T-bar lock as standard

POWER	
Battery Type	Lead Acid / AGM
Run Time	7 Days (LA) / 13 Days (AGM)
Battery Capacity	115 mAh (LA) / 100 mAh (AGM)
No. of Batteries	3
Charge Time	8 hours
SRL Solar PLUS Compatible	Yes as an optional extra
Operating Voltage	12v
Operating Power	8w

COMMUNICATION	
Detection Technology	VA
System Range	~300m
Radio Frequency	458Mhz
SRL Telematics	Yes

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	No
UTMC Compatibility	Yes

CONTROLLER	
Max Live Traffic Heads	18 signals
Max Pedestrian Heads	16
Max Traffic Phases	18
Max Pedestrian Phases	8
Max Total Signal Phases	18
Remote Control Compatible	Yes (SRL Euro Remote)



For more information about EuroLight, visit [srltraffic.ie](http://srltraffic.ie) or call us on **01-5384971**.

Scan the QR Code for more product details.

OPTIONAL SOLAR TECHNOLOGY	
SRL Solar PLUS Power	50w
Intergrated MPPT (Maximum Power Point Tracking) Charge Controller	Yes
Cell Technology	Monocrystalline silicon
Conversion of Sunlight	24%
SRL Solar PLUS Weight	8kg
Safety Class	A
Operating Temperatures	-40°C TO +85°C

ENVIRONMENTAL	
<b>TOPAS 2537A &amp; TOPAS 2538A</b>	
<b>Directives:</b>	
2014/30/EU - Electro-Magnetic Compatibility Directive (EMC) 2016 (SI 2016 No 1091)	
2014/53/EU - Radio Equipment Directive (RED) 2017 (SI 2017 No 1206)	
2011/305/EU - Construction Products Regulations 2013 (SI 2013 No 1387)	
SI 2005 No 1803 - General Product Safety Regulations 2005	
<b>Standards:</b>	
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	
<b>Solar Panels:</b>	
IEC 61215:2021 - Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval	
IEC 61730:2023 - Photovoltaic (PV) Module Safety Qualification	
IEC 61701:2020 - Photovoltaic (PV) Modules - Salt Mist Corrosion Testing	

