



Related Products:

- Haul Route PLUS
- SRL Solar PLUS
- Multiphase ADS
- RiseMaster HE
- Instaboom
- SRL Telematics

Compliance:

- TOPAS 2537A.
- TOPAS 2538A.



Datasheet SolarLight

Key Benefits:

- Replicates height and appearance of permanent signals.
- Place multiple signal heads (traffic and pedestrian) to the same post.
- 'Fit-and-forget' non-directional solar allowing install in any direction.
- Link up to 18 live signals with no cables needed.
- REMOS, UTM and Multiphase ADS (auto-configurable) compatible.
- Four adjustable legs to provide stability on all terrains.

Functionality at a glance:

- 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) & Barriers.
- Four bullet locks and one T-bar lock as standard.

For more information about SolarLight,
Visit srltraffic.ie or call us on **01-5384971**.

| PHYSICAL APPEARANCE | |
|---------------------------|--|
| Signal Head Configuration | Single or double-head capability |
| Transport Height | 2900mm |
| Deployed Height | Up to 3530mm |
| Box Dimensions | 825mm (H) x 575mm (W) x 705mm (D) |
| Overall | 3530mm (H) x 575mm (W) x 705mm (D) |
| Footprint (Legs) | 1170mm (W) x 1310mm (D) |
| Weight | 210kg (exc. batteries) 408kg (inc. batteries) |
| Deployment | Deployed by SRL Specialist Projects Team |
| Security | Four bullet locks and one T-bar lock as standard |

| POWER | |
|---------------------------|----------------------------------|
| Battery Type | AGM boosted by Dual-aspect Solar |
| Run Time | 365 Days |
| Battery Capacity | 100 mAh per battery |
| No. of Batteries | 6 |
| Charge Time | 8 hours |
| SRL Solar PLUS Compatible | Included |
| Operating Voltage | 12v |
| Operating Power | 8w |
| Operating Temperature | -40°C TO +85°C |

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

| SOLAR TECHNOLOGY | |
|---|-------------------------|
| SRL Solar PLUS Power | 50w |
| Top Solar Panel Power | 175w |
| Intergrated MPPT (Maximum Power Point Tracking) Charge Controller | Yes |
| Cell Technology | Monocrystalline silicon |
| Conversion of Sunlight | 24% |

| 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) |

| ENVIRONMENTAL | |
|--------------------------------------|---|
| TOPAS 2537A & TOPAS 2538A | |
| Directives: | <p>2014/30/EU - Electro-Magnetic Compatibility Directive (EMC) 2016 (SI 2016 No 1091)</p> <p>2014/53/EU - Radio Equipment Directive (RED) 2017 (SI 2017 No 1206)</p> <p>2011/305/EU - Construction Products Regulations 2013 (SI 2013 No 1387)</p> <p>SI 2005 No 1803 - General Product Safety Regulations 2005</p> |
| Standards: | <p>BS EN 50556 - Road Traffic Signal Systems</p> <p>BS EN 12675 - Traffic Signal Controllers - Functional Safety Requirements</p> <p>BS EN 12368 - Traffic Control Equipment/Signal Heads</p> <p>BS EN 50293 - Electromagnetic Compatibility Road Traffic Signal Systems Product Standard</p> |
| Solar Panels: | <p>IEC 61215:2021 - Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval</p> <p>IEC 61730:2023 - Photovoltaic (PV) Module Safety Qualification</p> <p>IEC 61701:2020 - Photovoltaic (PV) Modules - Salt Mist Corrosion Testing</p> |



For more information about SolarLight, Visit srltraffic.ie or call us on **01-5384971**.

Scan the QR Code for more product details.



TOPAS
Traffic Open Products and Specifications