

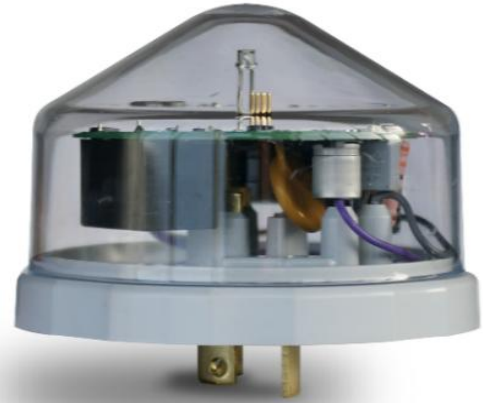


WESTIRE RLD-3

Dimming Photocell

The Photocell that upgrades your older LED luminaires by providing power to the DALI Bus when the LED Driver cannot.

A cost-effective, energy saving solution ideal for retrofit



Standalone Device

No Monitoring or CMS Needed

No Recurring Costs

Features & Benefits

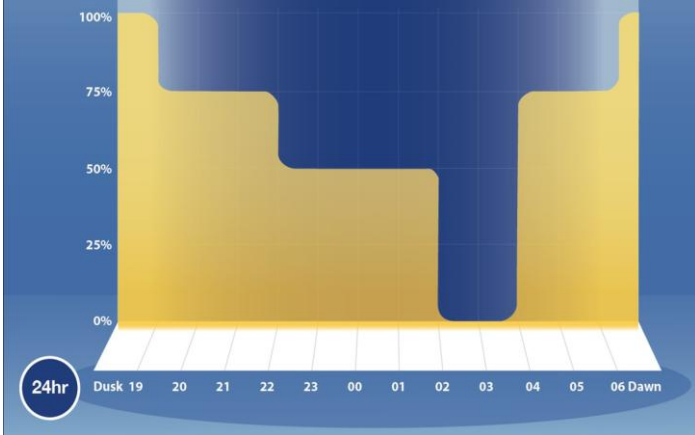
- **Scheduled Dimming for Cost Savings** – Reduces energy use and lowers operational costs
- **No Need to Open the Installed Luminaire Canopy** – Avoids disturbing the fixture or replacing existing DALI drivers
- **Retrofit-Friendly with Energy Savings** – Simple upgrade with significant energy reduction
- **Factory-Programmed Schedules** – Part-night, on/off, and dimming set to your spec
- **Advanced Solar Time Clock Control** – Precise dimming via Westire's latest algorithms
- **Overvoltage Protection** – Shields LED driver and light engine from power spikes
- **Extends LED System Life** – Helps maximise LED driver and engine lifespan
- **Self-Correcting Dimming and Part-Night Function** – Maintains consistent performance
- **Irish-Built Quality** – Engineered, assembled, and tested in Ireland
- **Top-Tier Components** – Built using the world's leading electronic materials
- **Supports Circular Economy** – Promotes reuse and extends asset lifespan

A Westire Fit & Forget® Photocell

Technical Specification

General		Environmental	
Dimensions	78.4mm D X 69.85mm H 31" D X 2,27" H	Operating Temperature	30°C to +70°C +22°F to +158°F
Connection	NEMA 3/5 & 7Pin ANSI 136.10	Enclosure Impact	IK09
Warranty	6 Years 10 Years Warranty Option Plan Available	IP Rating	1P68
		Standards	Manufacturing to: IS EN ISO 9001:2015 Designed to: EN 55015, EN61547, EN 6100 3-3, RoHS ANSI C136.10, BS5972

Power		Switching & Dimming	
Mains Supply	105 - 264 Volts AC 50/60 Hertz	Communications	DALI
Surge Protection	320 Joule MOV (Metal Oxide Varistor) as an option 420 Joule MOV	Light Level Switching	35 Lux On / 18 Lux Off as standard others on request
Average Power Consumption	500mW	Time Delay	25 Seconds or on Request
Maximum Load Current (A)	10 Amps	Dimming Options	Multiple Option from 0 – 100%
Load Rating	1.8KVA	Switching Options	Dusk to Dawn
		Dimming Options	Multiple or as Requested
		Time Reference	
		Stabilization	< 3 Days

Applications	Dimming Schedule
<ul style="list-style-type: none"> Delivering Standalone Dimming: Factory Standard Dimming Schedule or Customer Preferred Dimming Schedule Fits All LED Luminaires equipped with ANSI/NEMA 5 & 7 Pin Twistlock Sockets Dimming & Controlling All Types of Outdoor, Street, Road, Security, Amenity and Campus Lighting Interfaces with older generation Dali LED Smart Drivers Wall mounting socket and bracket available 	 <p style="text-align: center;">Streetlight Dusk to Dawn Dimming Graph</p>

Designed for the Older DALI Generation LED Streetlights



Westire Technology
Industrial Estate, Belmullet
Co. Mayo, Ireland
F26 TE81
T: + 353 97 81209

Westire Technology
York House,
221 Pentonville Rd,
London N1 9UZ, UK
T: + 44 20 3427 6930

E: info@westire.com
W: www.westire.com