westire
TECHNOLOGY

Creating World Class Fit & Forget® Lighting Controls since 1982

About Us

Westire Technology design and manufacture World leading controls & accessories for the exterior lighting industry with the most reliable Fit & Forget™ products on the market.

WESTIRE has unrivalled experience with street light control products and the street light industry, delivering Fit & Forget™ market leading solutions since 1982.

We have an installed base of over 7 million streetlights across Europe, North and South America, South Africa, Australia & New Zealand and the Caribbean.

Manufacturing

Designed, Developed, Manufactured and Tested in U.K. and Ireland.

Using the Highest Quality Components and Industry Leading Testing Processes

Ireland and England Location

Built To Last

Westire as a company is built on a foundation of bringing only the highest quality products to our customers and backing that up with personal service.

We have relationships in the lighting industry that have lasted decades, and for good reason. We use the highest quality components, the most rigorous testing and take pride in bringing you products that you can rely on. We build our products to last.

So when you install a Westire product you can just Fit & Forget™

Reduced Costs & Reduced Worry

There are many factors to consider in choosing a lighting control, other than price.

Day burners and high failure rates become costly for you. Especially with rising energy prices.

A Luminaire that doesn't switch on at the right time puts citizens safety at risk & potentially the customer at risk for litigation.

When you've invested heavily in a lighting project, you don't want to put all that at risk by installing low-quality controls that can jeopardise the entire installation and potentially create further costs in the long-term.

We Understand This. We also understand that choosing Westire photocells is an investment.

An investment into reducing your lighting costs.

An investment into quality products you won't have to replace.

An investment into safer citizens.

An investment into protecting our environment by choosing long-lasting products.

Specification Features	
Installation Type	NEMA/ANSI Twistlock Socket Fitting & Hardwired
Operating Voltage	200-265V AC, 50/60 Hz
Switching levels	10-200 Lux or as Requested
Enclosure Sealing	IP68
Rated Load	10 Amps
Temperature Range	-40 to + 80C
Switching Circuit	Relay Assisted Triac
Power Consumption	<0.25Watts Nominal
Design Life	35 Years
Guarantee	12 Years Standard

Benefits

- Longest Proven Life on the Market – 40+ Years Lowest Failure Rate on the Market
- Most Accurate On/Off Switching – Saving You Money
- Built to Handle Extreme Hot & Cold Climates - Arizona & Alaska
- Part-Night Switching Available
- Hard-Wired Version Available
- Fit & Forget ™ - No More Trouble. No More Costs

Westire 8480Long-life Photocells

For Further Information See Westire Data Sheet
www.westire.com

Specification Features

Installation Type	NEMA/ANSI Twistlock Socket Fitting
Operating Voltage	105 - 305V AC, 50/60 Hz
Switching levels	10 - 200 Lux / 0.1 - 20 Fc
Enclosure Sealing	IP68
Rated Load	10 Amps
Switching Circuit	Relay Assisted Triac
Power Consumption	<0.25 Watts Nominal
Design Life	35 Years
Guarantee	12 Years Standard

Benefits

• Wide Voltage Range Photocells • Longest Proven Life on the Market – 40+ Years Lowest Failure Rate on the Market • Built to Handle Extreme Hot & Cold Climates - Arizona & Alaska Hard-Wired Version Available • Fit & Forget TM - No More Trouble. No More Costs

Specification Features

Installation Type	NEMA/ANSI Twistlock Socket Fitting
Operating Voltage	200-265V AC, 50/60 Hz
Switching levels	35 Lux ON / 18 Lux OFF. Others Available
Enclosure Sealing	IP68
Rated Load	10 Amps
Switching Circuit	Relay Zero Cross
Power Consumption	<0.25 Watts
Design Life	15 Years
Guarantee	8 Years Standard

Benefits

• Sealed to IP68 as Standard • Dusk-Dawn Photocell To Cater To Your Budgetary Needs • Many of Our Industry Leading Features at Mid-Range Price • North Facing Version Available • Extended Guarantee Available

Specification Features

Installation Type	Zhaga Book 18 Dali2 / D4i
Operating Voltage	24V DC Nominal
Switching levels	20 Lux @ 1:1 Ratio or as Requested
Enclosure Sealing	IP66
Switching Circuit	DALI Digital
Temperature Range	- 30° to + 70°C / -22° to + 158°F
Power Consumption	<0.01 Watts
Design Life	20 Years
Guarantee	8 Years

Benefits

• Type A Control Device for Zhaga Book 18 Dali2 D4i Ecosystem • Future Proof: Interacts with All D4i Devices • Low Voltage for Reduced Cost • Part-Night Also Available • Available with Zhaga Socket Mounting Assembly

Westire 8481/8481H &8483 North Facing Long Life Photocells

8481 Photocell

8481 Hard-Wired

8481 North-Facing

Westire AcRo Photocell Range

Omni Directional

North Facing

Zhaga Book 18 D4i Photocells

For Further Information See Westire Data Sheet
www.westire.com

Specification Features

Installation Type	NEMA/ANSI Twistlock Socket Fitting
Operating Voltage	85-305V AC, 50/60 Hz
Switching levels	35 Lux ON / 18 Lux OFF or as Requested
Enclosure Sealing	IP68
Rated Load	10 Amps
Switching Circuit	Relay Zero Cross
Temperature Range	-30°C to + 80°C -22° F to + 176° F
Power Consumption	<500mW
Design Life	15 Years
Guarantee	8 Years Standard

Benefits

- Simple Energy Saving Standalone Device • No Monitoring or CMS Needed
- No Recurring Costs • DALI2 – D4i ANSI C136 Compliant • Factory Standard or Customised Dimming Schedules Available

Specification Features

Installation Type	NEMA/ANSI Twistlock Socket & Zhaga Book 18 Socket Fitting
Operating Voltage	9400 85-305V AC, 50/60 Hz
Operating Voltage	Zhaga Photocell 24V DC from LED Dali Driver
Enclosure Sealing	9400 IP68
Zhaga Photocell	IP66
Power Consumption 9400	<500mW
Zhaga Photocell	<0.01W
PIR Motion Module	Powered from the DALI Bus

Benefits

- Even More Cost & Energy Savings • Operates within DALI 2 – D4i Ecosystem
- Streetlights Remain Dimmed until Movement • DALI2 – D4i ANSI C136 Compliant

Specification Features

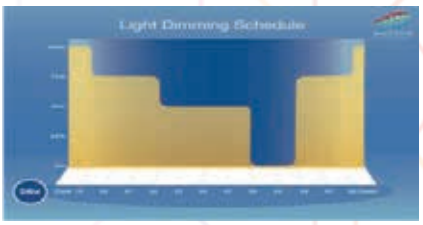
Installation Type	Hardwired Internal Fitting
Operating Voltage	200 - 265V AC 50/60 Hz
Switching levels	16/20/35/55 Lux (or as requested)
Enclosure Sealing	IP68
Maximum Load	1.5KVA/1000Watts
Rated Load	10 Amps
Temperature Range	-20°C to + 80°C
Switching Circuit	Relay Zero Point
Power Consumption	< 0.25 Watts
Design Life	15 years
Guarantee	8 Years Standard

Benefits

- Low Profile Encloser • Discreetly Contained within Luminaire • Control Decorative Lighting • Controls All Modern Fluorescent and LED Bollard
- F ully Encapsulted Electronics - Prevents Condensation Damage

Westire 9400 DALI Dimming Photocell

Example Dimming Schedule



Westire DALI Dimming Photocell & Motion Sensor

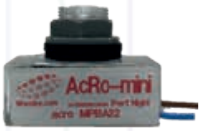
Westire Zhaga Book 18

Westire 9400 ANSI/NEMA DALI Photocell

TE Passive Infra-Red Photocell

Westire AcRo Series Mini Photocell Range

AcRo Mini Dusk – Dawn & Part-Night



AcRo Mini Photocell IP 68 100% Sealed

AcRo IR Bollard Photocell

For Further Information See Westire Data Sheet
www.westire.com

Westire SET 45 Timeclock

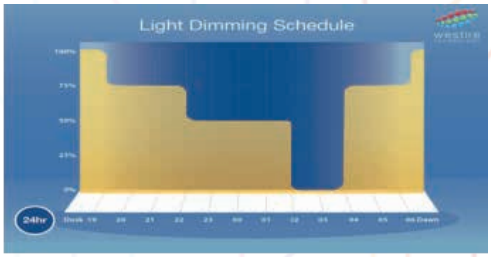
Specification Features	
Installation Options	Din Rail Mounting
Operating Voltage	85 - 265V AC, 50/60Hz
Functionality	7-days, 7 Setting Per/Day
Switching	Solar and Normal Time Based
Battery Backup	10 Years
Enclosure Sealing	IP56
Max Load Current	10 Amps Each Output
Temperature Range	-10°C to + 45°C
Guarantee	3 Years Standard

Benefits

• For Lighting, Heating, Air-Con, Alarms • Automatically Adjust for Daylight Saving Time & Leap Year • Trusted by Customers such as British Rail & Glasgow City Council

Westire 9500 0-10V Photocell

Example Dimming Schedule

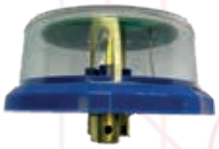


Specification Features	
Installation options	ANSI/NEMA Twistlock Socket Fitting
Operating Voltage	85 - 305V AC, 50/60Hz
Switching levels	35 Lux ON / 18 Lux OFF. Others on Request
Enclosure	IP68
Rated Load	10 Amps
Temperature Range	-30°C to + 80°C -22° F to + 176° F
Switching Circuit Relay	Zero Cross
Power Consumption	<500mW
Guarantee	8 Years Standard

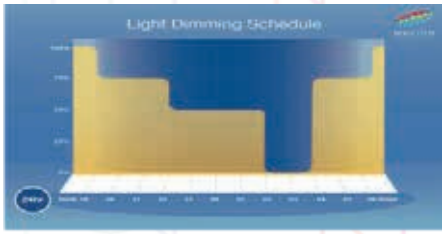
Benefits

• * 0-10V Ideal for Markets like the USA * • Simple Energy Saving Standalone Device • No Monitoring or CMS Needed • No Recurring Costs • Factory Standard or Customised Dimming Schedules Available

Westire 9700 ANSI/DALI D4i Dimming 24v DC Photocell



Example Dimming Schedule



Specification Features	
Installation options	ANSI/NEMA Twistlock Socket
Operating Voltage	24V DC from DALI Driver
Switching levels	20/20 Lux Standard. Others on Request
Enclosure Sealing	IP68
Power Consumption	<0.01 Watts
Dimming	Multiple Dimming Options
Guarantee	8 Years Standard

Benefits

• DALI2/ D4I compatible ANSI C136.10 Dimming Photocell • Utilizing Standard 7pin Socket Interface • Type A Control Device for Zhaga Book 18 D4i Ecosystem • Future Proof: Interacts with All Future D4i Devices • Low Voltage for Reduced Cost

For Further Information See Westire Data Sheet
www.westire.com

Westire Mains Power Tap

Specification Features	
Installation Type	ANSI/NEMA Twistlock Socket
Operating Voltage	105 V AC to 480 V AC 50/60 Hz
Max Load Current	10 A
Fusing	10 Amp Optional
Operating Temperature	-20° C to +80°
Enclosure Material	UV Stabilized Polycarbonate
Enclosure Sealing	IP65
Cable Length	2 Metres Standard
RCD	Optional
Guarantee	5 Years

- The market's most versatile method of providing mains power to outdoor devices via streetlights, delivering auxiliary power to third- party equipment through the luminaire's ANSI/NEMA receptacle

Note: The use of an RCD is recommended and can be supplied and an optional extra.

Westire Handheld Analyser

Specification Features	
Measuring Range Volts	85-264V AC
Measuring Range Amps	0-10 Amps
Display	4-Digit LED
Interface	Dali / 0-10v
Measures	Volts, Amps, Watts, Power Factor
Range	0-100% Luminaire Brightness
Cable Length	1 Meter

Benefits

- LED Luminaire Diagnostic Tool • Adjust Dimming Level of Luminaire • Tests Functionality of Luminaire • Measure Directly from the ANSI/NEMA Socket • No Need to Carry Several Measurement Tools to Luminaire • No Need to Waste Time Opening Luminaire

Luminaire Multimeter

Specification Features	
Socket Fitting	ANSI/NEMA 3 Pin
Operating Voltage	85 - 264V AC, 47/63 Hz
Enclosure	UV Stabilised Polycarbonate
Rated Load	IP66
Measures	Volts, Amps, Watts, Power Factor
Guarantee	10 Years Standard

Benefits

- LED Luminaire Diagnostic Tool • No Need to Carry Several Measurement Tools to Luminaire • No Need to Waste Time Opening Luminaire

For Further Information
See Westire Data Sheet
www.westire.com

Low Profile Shorting Caps

Specification Features	
Dimensions	86.3mm Ø x 19.05 mm H3.4" Ø x 0.75" H
Housing Premium	UV Stabilized Polycarbonate
Enclosure Sealing	IP65
Sealing Gasket	Non-shrink Neoprene Rubber Gasket
Contacts	Solid Brass Contacts
Guarantee	5 Years Standard

Benefits

• Water, Dust & Weather-Proof Seal to Luminaire • Shorting Caps keep the Lights On or Off • Surge Protection 320 Joule and 840 Joule available on Request • Custom Colours Available

Westire ANSI/NEMA Twistlock Socket Fitting Shorting Caps

Zhaga Socket & Bracket Kit

Specification Features	
Contact rating	2A / 24V
Dielectric	Withstand Voltage 15kV
Temperature Range	-40 to +90°C (-40F TO +186F)

Benefits

• Ideal for Zhaga Book 18 Luminaire Wall or Pole Zhaga Photocell Mounting • No Mounting Screws Needed • No Wiring Tools Required, Just "Poke-In" Wiring • Supplied as a Kit

Westire Photocell ANSI/ NEMA Socket & Bracket Kit

Specification Features	
Installation Type	ANSI/NEMA Twistlock Socket
Operating Voltage	105 V AC to 264 V AC 50/60 Hz
Switching Levels	20Lux On/20Lux Off or as Requested
Switching Ratios	1:1 Standard others on Request
Time Delay	25 seconds or as Requested
Switching	Dusk-to-Dawn, Part-Night or Dimming
Socket:	UV Stabilized Polycarbonate
Insulation Voltage	600 Volts AC or DC
Load Current	10 Amps
Operating Temperature	-40° C to +80° C
Socket Pins	3 and 7 Pins ANSI/NEMA
Bracket:	< 40 ms
Material	Polycarbonate UV Stabilised
Grommet:	30 mA
Material	Plastic
Sealing	IP67 Seal When Cable Fitted
Guarantee	8 Years

• The Westire wall- or pole-mount kit comprises a photocell, ANSI/NEMA 3 or 7 pin socket, mounting bracket, and IP67 sealing grommet for reliable outdoor lighting control.

For Further Information See Westire Data Sheet
www.westire.com

Westire 12Volts – 48Volts DC Zhaga Photocell

Specification Features	
Installation Type	Zhaga Book 18 Keyed 4 Pin Socket
Operating Voltage	12 Volts DC – 48 Volts DC
Ambient Light Sensor	Colour Corrected
Enclosure Impact	IK09
Cover	Dome Shaped
Switching Options	Dusk – Dawn & Part-Night
Driver Supply Current	5 Amps Max
Switching Time Delay	25 Seconds or as Requested
Switching Levels	20Lux On/20Lux Off or as
Requested	-40° C to +80° C
Temperature Range	- 30 to + 70°C
Sensor Drift	Zero Drift
Power Consumption	12 Volts 0.094 Watt's
	24 Volts 0.11 Watt's
	36 Volts 0.13 Watt's
	48 Volts 0.16 Watt's
Enclosure Sealing	IP 66, IP67/68 on Request
Guarantee	8 Years

- Designed for dusk-to-dawn switching of DC-powered luminaires and light fixtures, utilising Zhaga 4-pin 5amp socket. Reduces cost and energy use, with optional part-night switch-off for maximum battery endurance.

Westire 24 Volt DC Zhaga Photocell 0 – 10V

Specification Features	
Installation Type	Zhaga Book 18 Keyed 4 Pin Socket
Operating Voltage	24 Volts DC
Ambient Light Sensor	Colour Corrected
Communications to Driver	0 – 10 Volts DC
Enclosure Impact	IK09
Light Sensor Cover	Dome Shaped UV Inhibited
Switching Options	Dusk – Dawn
Driver Supply Current	5 Amps Max
Switching Time Delay	25 Seconds or as Requested
Switching Levels	20Lux On/20Lux Off or as
Requested	- 30 to + 70°C
Switching Ratios	1:1 Standard others on Request
Sensor Drift	Zero Drift
Power Consumption	0.11 Watts
Dimming Options	Multiple
Temperature Range	- 30 to + 70°C
Enclosure Sealing	IP 66, IP67/68 on Request
Guarantee	8 Years

- The Westire DC 0–10 V Photocell automatically switches luminaires on at dusk and off at dawn, with multiple step-dimming and part-night switch-off schedules to reduce cost and energy use while maximising battery life.

For Further Information See Westire Data Sheet
www.westire.com

Westire Mini 24 V AC Low Power Photocell

Specification Features	
Installation Type	Hardwired
Operating Voltage	24 Volts AC 50/60 Hz
Temperature Range	- 30 to + 70°C
Switching Levels	20Lux On/20Lux Off or as Requested
Switching Ratios	1:1 Standard others on Request
Enclosure Sealing	IP 68
Sealing Type	Fully Encapsulated
Light Sensor Cover	Dome Shaped UV Inhibited
Switching Circuit	Relay (Zero Cross)
Rated Load Current	5 Amps
Time Delay	25 Seconds or as specified
Sensor Drift	Zero over Guarantee Period
Power Consumption	0.11 Watts
Switching Options	Dusk – Dawn or Part Night
Ambient Light	Sensor Colour Corrected
Guarantee	8 Years

- The Westire Mini 12V–48V DC photocell utilises Westire's Eye Response Filtered Silicon Light Sensor and microprocessor control. This combination ensures precise lighting control, maximises energy savings, and is Ideal for sign, advertising, bus shelter and pathway lighting.

Westire Mini VFC 12V-48V DC Photocell

Specification Features	
Installation Type	Hardwired
Operating Voltage	12 Volts – 48 Volts DC
Switching Levels	20Lux On/20Lux Off or as Requested
Switching Ratios	1:1 Standard others on Request
Enclosure Sealing	IP 68
Sealing Type	Fully Encapsulated
Light Sensor Cover	Dome Shaped UV Inhibited
Switching Circuit	Relay (Zero Cross)
Rated Load Current	5 Amps
Time Delay	25 Seconds or as specified
Temperature Range	- 30 to + 70°C
Switching Options	Dusk – Dawn or Part Night
Ambient Light	Sensor Colour Corrected
Switching Options	Dusk – Dawn or Part Night
Power Consumption	12 Volts 0.094 Watt's
	24 Volts 0.11 Watt's
	36 Volts 0.13 Watt's
	48 Volts 0.16 Watt's
Guarantee	8 Years

- Reliable dusk to dawn and part-night control, the Westire Mini VFC delivers safe, volt-free switching for low-power DC LED luminaires and other connected devices.

For Further Information See Westire Data Sheet
www.westire.com

Westire 9900 DC DIGIDrive Photocell

Specification Features	
Installation Type	Zhaga Book 18 4 Pin Socket
Operating Voltage	12 V DC to 48 V DC
Switching Levels	20Lux On/20Lux Off or as Requested
Switching Ratios	1:1 Standard others on Request
Enclosure Sealing	IP 68
Sealing Type	UV Bonded
Light Sensor Cover	Dome Shaped UV Inhibited
Temperature Range	- 20 to + 80°C
Output Currents	350mA, 500mA, 700mA & 1050mA
Efficiency at Full Load	95%
Guarantee	3 Years

- Complete streetlight control within a photocell, the world's first 48V DC photocell with a built-in light engine driver, delivers sustainable and efficient outdoor lighting by combining sensing and control in a single compact unit.

High Accuracy GPS/GNSS Streetlight Control Photocell

Specification Features	
Installation Type	ANSI/NEMA Twistlock Socket
Operating Voltage	110 V AC to 307 V AC 50/60 Hz
Switching Levels	20Lux On/20Lux Off or as Requested
Switching Ratios	1:1 Standard others on Request
Switching Time Delay	25 seconds or as Requested
Switching Options	Dusk-to-Dawn or Part-Night
Ambient Light	Sensing Silicone Colour Corrected
Dimming Options	Multiple Dimming Options
Time Reference	GPS
Enclosure Sealing	IP 66
Sealing Type	UV Bonded
Light Sensor Cover	Dome Shaped UV Inhibited
Temperature Range	-25°C to +70°C
Power Consumption	1.4 Watts (Max)
Guarantee	8 Years

- The GPS/GNSS photocell integrates a colour-corrected silicon ambient light sensor with satellite-based synchronisation. This precise combination ensures highly accurate dusk-to-dawn switching, part-night operation, and dimming control.

For Further Information
See Westire Data Sheet
www.westire.com

Westire DC Power Tap

Specification Features	
Installation Type	ANSI/NEMA Twistlock Socket
Operating Voltage	85 V AC to 264 V AC 50/60 Hz
DC Output Voltage	5 V, 12 V, 24 V DC
DC Output Current	5 V - 6 A
	12 V - 2.5 A
	24 V - 1.3 A
Operating Temperature	-20° C to +80° C
Enclosure Material	UV Stabilized Polycarbonate
Cable Length	2 meters standard (Other lengths on Request)
Guarantee	5 Years

- The Westire DC Power Tap provides auxiliary DC power directly from the ANSI/ NEMA socket to third-party equipment such as Wi-Fi or other smart IoT devices, while maintaining the normal operation of the photocell. It is designed to easily insert into a three-or-seven pin ANSI/ NEMA twist-lock socket, either mounted on the canopy of a streetlight or a wall-or-pole-mounting bracket.

Westire POE Power Tap

Specification Features	
Installation Type	ANSI/NEMA Twistlock Socket
Operating Voltage	85 V AC to 264 V AC 50/60 Hz
Output to Base	45 V - 57 V DC relative to 0 V
Output Power	38 W (other wattages on request)
Enclosure Sealing	IP65
Cable Length	1 metre standard
Operating Temperature	-20° C to +80° C
Enclosure Material	UV Stabilized Polycarbonate
Guarantee	5 Years

- The Westire PoE Power Tap is a single-channel Power Sourcing Equipment (PSE) module designed to provide power to pre-enabled devices across a wide range of power levels, from 15.4W (IEEE 802.3af) up to 75W proprietary power levels. It is aimed at a wide range of applications requiring PSE functionality to deliver PoE power directly from streetlights.

For Further Information
See Westire Data Sheet
www.westire.com

Westire RLD-3 Dimming Photocell

Specification Features	
Installation Type	ANSI/NEMA Twistlock Socket
Operating Voltage	105 V AC to 264 V AC 50/60 Hz
Switching Levels	20Lux On/20Lux Off or as Requested
Switching Ratios	1:1 Standard others on Request
Switching Time Delay	25 seconds or as Requested
Switching Options	Dusk-to-Dawn
Ambient Light	Sensing Silicone Colour Corrected
Dimming Options	Multiple Dimming Options 0 – 100%
Enclosure Sealing	IP 68
Sealing Type	UV Bonded
Light Sensor Cover	Dome Shaped UV Inhibited
Temperature Range	-25°C to +70°C
Time Delay	20 Seconds or on Request
Time Reference Stabilisation	< 3 days
Power Consumption	1.4 Watts (Max)
Guarantee	6 Years (10 Years Optional)

- The photocell that upgrades your older LED luminaires by providing power to the DALI bus when the LED driver cannot. Extend the life of your older DALI LED streetlights, save energy, and reduce waste, by not having to fit a new luminaire.

For Further Information
See Westire Data Sheet
www.westire.com

SOME THINGS ARE BUILT TO LAST

The Westire 8480 Long-Life Streetlight Photocell with 40 years proven life

NO failures. fuss.

Just Fit and Forget ®

westire TECHNOLOGY

www.westire.com

Long Life Photocell

Dimming Photocell

TimeClock

Power Tap

Luminaire Diagnostic Tool

Zhaga Book 18

Photocells & Accessories

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Zhaga Book 18 Photocells

Type-A Control Device for Zhaga Book 18 D4i Ecosystem

With Various Multilevel Dimming
triggered by Westire's
Advanced Astro-Clock Algorithm

Zhaga Receptacle Mounting Bracket Kit

For **Wall & Pole Mounting** of Zhaga Sensors & Photocells

Simplifying Zhaga Device Installation

For further details visit **westire.com**

Westire Dimming Photocells

Set Dimming Profiles and Times to Save Costs while Providing Lighting when Needed.

- Standalone Device
- No Monitoring or CMS Needed
- No Recurring Costs

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***Westire Technology** – Simply Fit & Forget*

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Fit & Forget
Outdoor Lighting Controls

Westire RLD-3

Dimming Photocells

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

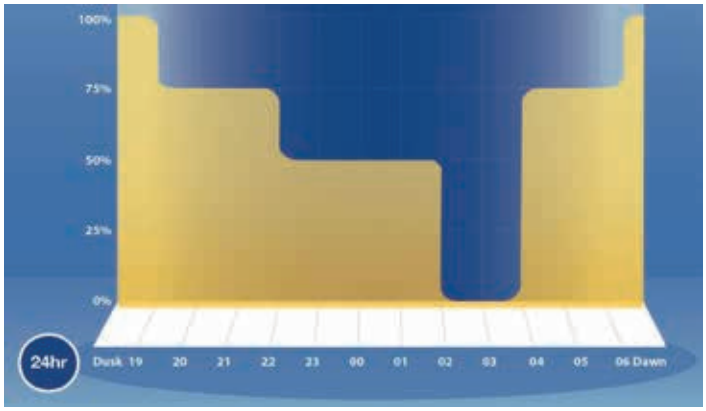
A Westire Fit & Forget® Photocell

Technical Specifications

General		Environmental & Standards	
Dimensions	78.4mm D x 69.8mm H 3.1" D x 2.3" H	Temperature rating Zhaga	-30° C to +70° C -22° F to +158° F
Connection	NEMA 3,5 & 7 pin, ANSI 136.10	IP Rating	IP68
		Enclosure Impact	IK09
Photocell Warranty	6 years. 10 years guarantee option plans available	Standards	Manufactured to: IS EN ISO 9001:2015 Designed to: EN 55015, EN 61547, EN 61000 3-3, RoHS, ANSI C136.10, BS5972
Power		**Switching & Dimming**	
Mains supply:	105 - 264 V AC, 50/60 Hz	Communications:	DALI
Surge Protection:	320 Joule MOV (Metal Oxide Varistor). Optional 420 Joule MOV	Light Level Switching:	35 lux ON / 18 lux OFF as standard, others on request
Average Power Consumption:	500 mW	Time Delay:	25 seconds or on request
Max Current Load:	10 A	Switching Options:	Dusk to Dawn. Multiple options available or as requested.
Load Rating	1.8 kVA	Dimming Options:	Multiple options from 0–100% or as requested
		Time Reference Stabilisation:	< 3 days

Applications

- Delivering standalone dimming:
  factory standard dimming schedule or customer-specified dimming schedules
- Fits all LED luminaires equipped with ANSI/NEMA 5 and 7-pin twist-lock sockets
- Dimming and control of 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



Streetlight Dusk to Dawn Dimming Graph

Designed for the Older DALI Generation LED Streetlights

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