

Westire Zhaga Photocell

DALI D4 Dimming & Part-night photocell

Advanced dimming and
part-night function for **cost &
energy savings**



Standalone Device
No Monitoring or CMS Needed
No Recurring Costs

Features & Benefits

- **Cost savings** through reduced power consumption.
- Same accurate ambient light sensing as all Westire photocells
- Part-night, On/Off & dimming schedules programmed to your specification
- **World's Most Advanced** A.I. Solar Time Clock Algorithms
- **DALI D4i Communications** to the LED driver
- Low Voltage 24Volts DC
- DALI2 – D4i **compliant**
- Fits into the Zhaga socket without the need to disconnect the mains supply
- Self-correcting dimming and part-night function
- Engineered, assembled & tested in our Irish manufacturing facility
- World's **top brand electronic components** and materials used



General	
Dimensions	40mm D x 30mm H 1.5" D x 1.18" H
Receptacle Compatibility	Zhaga Book 18
Luminaire Fixing	Zhaga Book 18 standard socket
Photocell Type	Zhaga Book 18 D2 & D4i
Warranty	8 Years
Power	
Driver Supply Voltage	24 volts DC
Photocell Power Consumption	<0.01 watts

Environmental	
Operating Temperature	-30° C to +70° C -22° F to +158° F
Enclosure Protection Rating	High impact IK09 Impact rated protection IP66
Standards Compliance	DALI-2 D4i, IS EN ISO 9001 2015, Environmental RoHS
Switching & Dimming	
Light Level Switching	20:20 Lux standard. Other levels available on request
Switching Ratio	1:1 standard. Other ratios available on request
Switching Time Delay	Instant "On" 25 seconds "Off" or as requested
Dimming Options	Dusk-to-dawn or multiple dimming options available
Ambient Light Sensor	Silicon colour corrected

Applications

- Automatically switches streetlights "Off" or "On" at dawn/ dusk
- Road, streetlighting and area lighting control requirements
- Energy saving dimming or part-night switch of outdoor lighting
- Designed to interface with DALI-2 D4i
- Approved and enabled to control DALI D4i approved LED luminaire drivers
- Ideal for all types of DALI enabled outdoor lighting controls.
- Wall mounting bracket & socket kit available.

Dimming Schedule

