

Photocell CELxcel Zhaga

CEX4000 range

Overview

CELxcel Zhaga range of photocells are designed and manufactured by Charles Endirect Ltd and come with a **10 Year Warranty**.

Using high quality components and materials, and in-house design and manufacturing expertise, the Zhaga photocell range with its' power supply 12v DC is part of a family of photocells aimed to give solutions to suit different customer needs.



Zhaga Photocell - 40 mm diameter

The Zhaga photocell is a small and compact, low-profile unit designed for use with LED light sources and lighting controls that have Zhaga d4i standard connectors and support Dali 2.0. It is powered directly from the SR driver so has nominal power consumption making it a very cost-effective product.

The photocell comes in a high impact UV resistant acrylic housing with ABS (*Acrylonitrile Butadiene Styrene*) base which gives a long service life and is designed to IP66 giving excellent protection against the elements. Siting the photocell externally protects it from the heat of the luminaire thus guarding against potential damage to the internal components so prolonging service life. It also offers more protection against the elements by sitting on top of the connection protecting it. The unit is simple to install with its push, twist and lock design providing a reliable connection and seal. In the event of a luminaire requiring maintenance or replacement the photocell can be easily swapped from one luminaire to another.

CELxcel Zhaga Photocell features:

- ✓ Compact, low-profile design
- ✓ Compatible with all SR drivers DALI 2 LED
- ✓ Designed to Zhaga d4i
- ✓ Enclosure protection designed to IP66
- ✓ Uses 40mm base and enclosure
- ✓ Housing material is high impact UV resistance Acrylic with ABS base
- ✓ 10-year standard warranty

Charles Endirect **Control** Products

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Electrical:	
Rated operational voltage	24v DC
Rated switching load watts	400
Mechanical:	
Housing	High impact UV resistance Acrylic with ABS base
Connection	Zhaga, push, twist and lock
Ingress protection	Designed to IP66
Dimensions	D 40mm x H 18mm
Weight	tbc
Normal Service Conditions:	
Ambient air temperature for operation	-20°C to +70°C (-4°F to +158°F)
Altitude	< 2000m
Humidity	95 % @ 55 oC
Pollution degree	3
Designed to be compliant with Directives:	
RoHS 2011/65/EU	
Designed to be compliant with Standards:	
BS 5972 (Photoelectric control units for road lighting)	
EN60529 (Ingress Protection)	
IEC 60068-2-6 (Vibration)	
EN61000-3-2-2009 (EMC)	
EN61000-3-3 (Flicker)	
EN61000-4-2 (ESD)	
EN61000-4-3 (RF Immunity)	
EN61000-4-4 (Fast Transient – Burst Immunity)	
EN61000-4-6 (Conducted RFI Immunity)	
Related Documents:	Declaration of Conformity
Stock Codes & Variants:	
CEX4000	

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