

### Native IP Device

Connected to your IP network.  
Simple to install and easily configured with a web browser.

### Power over Ethernet

Although the unit requires a mains input, its possible to use PoE as a redundant power supply for the logic board providing the ability to report mains failure.

### Direct Control From NGx Consoles

Fingertip dimming and On/Off control from NGX console application.

### Onboard I/O

Each unit supports eight analog and eight digital inputs presented on 4 way Wiedmuller type pluggable terminal blocks for support of standard movement detectors and light/temperature sensors. A 12VDC output is supplied to power PIR's etc.

### IP Integration

With Netgenium's PolicyServer the ALC0808-IP allows you to create intelligent lighting policies saving energy. Control lighting with Time and Day schedules. React to authorised people leaving or entering a room.



### ALC0808-IP

The Netgenium ALC0808-IP is a Pure IP Lighting Controller providing the capability to control up to 8 lighting circuits with a maximum overall load of 16 Amps.

The outputs of the ALC0808-IP(P) are presented on Wieland 6-pole GST sockets providing Live, Neutral & Protective Earth. Two of the outputs have an additional Maintained Live

The ALC0808-IP(W) offers the same functionality as above with a wireable housing. Access to the housing is via 20mm 'knockout' conduit entries.

## Technical Data

**Model No:**

ALC0808-IP(P)  
ALC0808-IP(W)

**Connectivity:**

1 No. 10/100 Base TX Ethernet RJ45

**Mains Input:**

230VAC input +/- 10%; 50Hz  
2 No. Wieland GST18-3 connectors (In & Loop Out)

**Outputs:**

Switched Load	3680VA(per output – 8No.); any type of load
Maintained Load	3680VA(per output – 2No.); any type of load
Maximum Total Load	Depends upon fusing of primary mains circuit: -16A (total) for fused circuits -20A (total) for circuits protected with MCB Type B or C
DSI Connection	12VDC (250mA max) 1200 baud independent PSU 6-Pole Wieland socket (2 x GST 18-3); plugs supplied with luminaires

**Inputs:**

Digital	Closed or Opened contact (closed to logic 0V). Unit can sense open or close state change
Analog	0-12VDC input
Power Out Connection	12VDC(250mA max) 4-Pole Wiedmuller type stackable header (2x16 way on unit); Plugs supplied with sensors (1-0v, 2-DG_IN, 3-AN_IN, 4-12VDC)
Sensors	Digital PIR, Switch(latching or retractive), any 'no-volt' contacts between 0V & DG_IN Analog 0-12VDC range, recommended Netgenium Sensors (Ambient Light, Temperature, Humidity), must use units 12VDC power

**Indicators & Diagnostics:**

Outputs	8 No. Two-colour LED (for Dim & Full On) 2 No. Red LED for Maintained Outputs
Local Diagnostics	Touch sensitive keys on unit to switch outputs On, Off & Dim

**Housing:**

Material	1.2mm mild steel powder coated, fully earthed
Mounting	Via 2 No. Screw-on brackets, providing 4 No. slot holes (fixings supplied)
Weight	1500gr

**Safety:**

Housing	Protection to IP20
Insulation	Sensors – double insulation (5.4kV) towards mains regulation – basic insulation (2kV) towards mains Ballasts Connected regulating ballasts and dimmers must have at least basic insulation