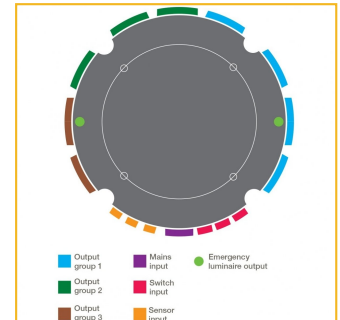


IP20



Verve Multi-Sensor PIR



Verve Input / Output Ports



Verve Simple Installation

## Overview

Offering Bluetooth mesh networking functionality as standard, allowing each Verve module to communicate wirelessly with its neighbours across an entire space. Quick to install and configure, Verve brings simplicity and efficiency to lighting controls in a wide range of applications.

## Features

- Independent control of up to 9 luminaires, the 9 output ports can be configured in up to 3 separate groups
- Switching and dimming from up to 6 sources
  - 3 switch inputs for both latching and retractive switches
  - 3 sensor inputs supporting occupancy, absence, presence and constant lux control
- Recessed or surface mounted PIR multi-sensors are available to enhance the system functionality
- Individual luminaires can be grouped and linked to switching and dimming multi-sensors
- Intelligence within the module allows for simple app user configuration, the Verve app is free to download on both Android and iOS devices
- Supports emergency lighting and testing
- Emergency lighting reports can be accessed remotely directly from the Verve app
- Shallow body depth allows installation in ceilings with void restrictions

# Specification

- Verve Lighting Control Module
  - Bluetooth mesh networking
  - Output connections: Wieland GST18i6 (Blue / Black) x 2, GST18i5 (Blue) x 7
  - Maximum output per LCM: 6.3A (internally fused)
  - Maximum DALI dimming load: 100mA
  - Mains supply: 230Vac +/- 10%; 50Hz
  - Mains input: Male socket for Wieland GST18i3 (Black) female connection
  - Sensor and switch input: RJ11 connection
  - Sensor supply: 12Vdc +/- 5%, 30mA
  - Inrush current: 1s time delay between group outports at power-up
  - Isolation: 4kV between mains and sensors control
- Verve Multi-Sensor
  - Occupancy and daylight detection
  - Photocell and passive infra-red technology (PIR)
  - Coverage: 2.5 x height of ceiling (maximum 7 metres)
  - ABS housing
  - Isolation: 2kV
  - RAL 9010 Matt Finish
  - Requires RJ11 sensor input connection lead (available as separate order)

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## Order codes

|                                   |             |
|-----------------------------------|-------------|
| Verve Lighting Control Module     | VERVEHUB    |
| Multi-sensor (Recessed Mounting)  | VERVERECPIR |
| Multi-sensor (Surface Mounting) * | VERVESURPIR |
| Sensor Input Lead (5m)            | VERVESEN/5M |

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\* Note, surface mounting box supplied by others

## Dimensions

|             | L     | W     | H      | Ø      | KG     |
|-------------|-------|-------|--------|--------|--------|
| VERVEHUB    | 250mm | 250mm | 47.5mm | -      | 0.89 * |
| VERVERECPIR | -     | -     | 21.5mm | 52.2mm | 0.02   |
| VERVESURPIR | -     | -     | 21.5mm | 65.0mm | 0.02   |

\* Weight without switch input connectors

Fixings (VERVEHUB)

4 x 9mm fixing holes

4 x 7mm holes for drop rod or surface mounting

Fixings (VERVERECPIR)

Cut out diameter 40mm

For use with ceiling tiles from 1 to

20mm thickness