

Organic Response® Track



A completely wireless plug & play lighting control system.



Organic Response® Track |
White

Overview

Organic Response® Track uses an innovative Proximity Limited Wireless Communication (PLWC) system that reacts to occupancy and daylight and then transmits data to luminaires on the track using DALI.

A compact and intelligent control solution for Lyne, the Organic Response Track® wireless sensor combines motion detection, ambient light sensing, and advanced wireless communication in a single device.

Featuring integrated infrared transmitter and receiver technology for seamless communication, alongside Wirepas 2.4GHz RF connectivity for cloud-based control and monitoring, Organic Response Track® enables responsive, energy-efficient lighting management across a wide range of architectural applications.

Organic Response® Track can be used to control more than one luminaire and ensures that luminaires which cannot accommodate sensor node integration can still form part of an Organic Response® enabled solution and connected Organic Response® Portal platform.

Technical

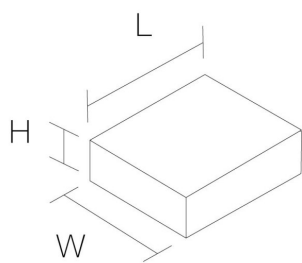
- Infrared carrier frequency: 38kHz
- Distance between sensor nodes: IR comms 3 metres max / Wirepas comms 10 metres max
- Maximum sensor mounting height: 3.7 metres
- Sensor node ambient temperature: 0°C to 50°C
- Luminaire compatibility: DALI (Subject to Organic Response® list of approved drivers)
- BMS Integration - API & BACnet protocol

- Ethernet gateway communication: IR comms, RJ45 (Cat5)
- Gateway security: 128bit AES, TLS, storage Amazon AWS IoT

Body

- Extruded aluminium body with design aesthetics to compliment Lyne Prism and Lyne Fusion
- Organic Response® Track sensor communicates with up to 10 luminaires using DALI along the Lyne Track
- Use to control groups of downlights and spotlights, or when a less granular control system is required

Dimensions



VERSION	L	W	H	KG
All	102mm	87mm	36mm	0.3

To Specify

ORGANIC RESPONSE® TRACK MOUNTED REMOTE SN3 - Presence / absence detector with photocell using proximity limited wireless infrared technology. Supplied up to 12mA DALI load, typically 6 devices. For track mounting. Optional commissioning to be specified separately. As ORGANIC RESPONSE® Track