LOG-DRD
DALI LIGHTING CONTROL NODE

indoor

TITLE 24   TITLE 20

Features

· DALI compatible.
· Address up to 4 individual channels.
· Mounts conveniently to driver.
· Powered by Xitanium SR driver or DALI power supply.
· Energy reporting at fixture level (if driver is compatible).
· Connection for optional motion / lux sensor.

Description

LOG-DRD can be powered by any DALI power supply or can be paired with Philips Xitanium SR driver, which includes an auxiliary DALI power source. LOG-DRD includes the ability to configure four individual channels. Each channel is fully configurable, including a full range dimming table, customizable scene control, built in dawn control, adjustable ramping speeds as well as adjustable rates of dimming.

Options in operation

Local Control: An on board microprocessor and memory allows for standardized operation at the driver level, eliminating the reliance on software or network configuration. LOG-DRD can be utilized out of the box with default settings, manually paired to sensors and switches or configured for advanced operation through LOGICACONFIG Software by leveraging the USB dongle (LOG-USB). Advanced schedules, preferences and settings can be accomplished using simple drag and drop remote configuration in a localized fashion, even after the installation is completed.

Integration to BAS: LOG-DRD has the ability to communicate through LOGICA´s EBOX (LOG-EBOX) and into an existing Building Automation Bystem (BAS). The convergence of lighting and building automation allows for granular information to be communicated to the BAS for improved operational efficiency.
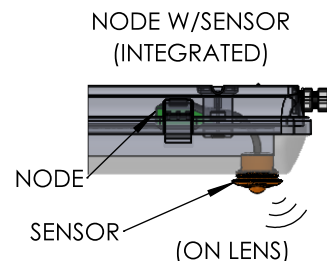
Compatible Devices

SWITCH
(LOG-ESRP)
(476100273)

ACCESS POINT
(LOG-AP3)
(476100318)

BACnet GATEWAY
(LOG-EBOX)
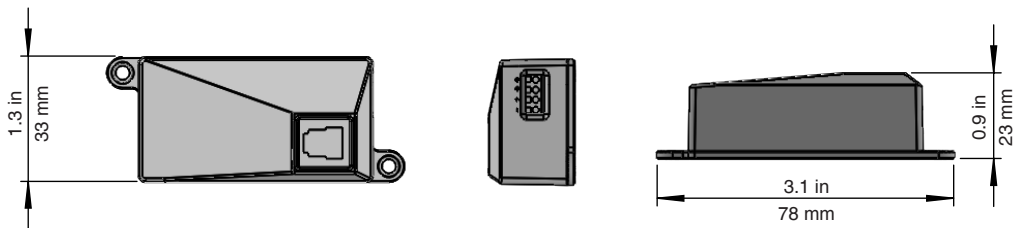(476100316)

Basic Common Application

NODE W/SENSOR
(INTEGRATED)

NODE

SENSOR   (ON LENS)

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Technical Specifications

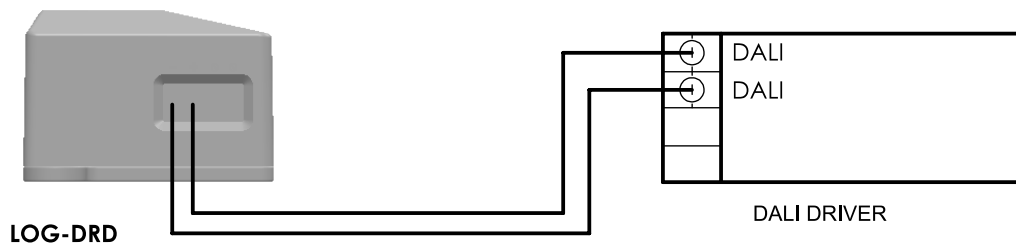|	
Input Voltage	16V @ 24mA from DALI driver or DALI power supply
Standby Power	< 1W
Operating Temperature	32° - 140°F (0° - 60°C) - Indoor use only
Input Sensors	Digital Passive Infrared Sensor 0-1020 Lux Sensor
Number of DALI Node Channels	4 Channels using standard DALI protocol
Wireless Range	150ft (50ft-150ft typical) / 45.72M (15.24M - 45.72M)
Start Up & Configuration	LOG-USB (476100295) & LOGICACONFIG
Leads	24" long leads

Application Notes

BASIC		ADVANCE	
Zoning	Luminaire level lighting control	Networking	Device monitoring / Remote diagnostic
Addressable	Easy start-up & configuration	Scheduling	Personal control
Scene control		BACnet	Restricted access
			Energy monitoring

Dimensions

1.3 in / 33 mm

3.1 in / 78 mm

0.9 in / 23 mm

Wiring Diagram

LOG-DRD

DALI
DALI

DALI DRIVER

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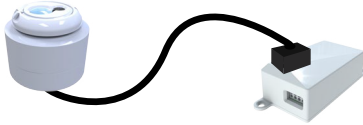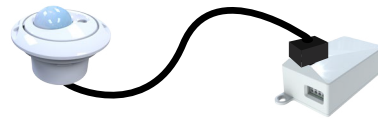
Optional Wired Motion Combined Lux Sensor

This product has an optional motion combined LUX sensor that is connected to the controller via a simple 3-wire connector. The separate sensor is optional and is available for both high bay sensing (up to 39 feet) and for standard, low ceiling applications (up to 15 feet).

LOG-LPML wired motion / lux sensor for
low ceiling applications of up to 15 ft (4.572 m).

LOG-HPML wired motion / lux sensor for
high bay applications of up to 39 ft (11.887 m)

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