

CONTROLLERS



RF ANTENNA: provides dynamic topology mesh network at a frequency of 868 MHz.



LMS CU TC CITYOWL NODE RF / PLC

CODE: 5502299KR000 (RF)

CODE: 5502298KR000 (PLC)

Size and Weight

Width:	145 mm
Depth:	50 mm
Height:	30 mm
Weight:	100 g

Enclosure

IP class	20
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Environmental requirements

Operating temperature:	from -40° to +75° C
Storage temperature:	from -40° to 85°C
Relative humidity:	< 95% non-condensing

Communication

PLC (Optional)	CELENEC A (9-95kHz) or B (95-125kHz) or C (125 – 140kHz) Dynamic mesh topology Network size up to 350 nodes Network depth up to 16 hops
RF (Optional)	Frequency - 868MHz Dynamic mesh topology Network size up to 350 nodes Network depth up to 14 hops

Power

Voltage:	230 VAC -15% ...+10%
Frequency:	50/60 Hz
Peak over voltage	3000V
Power consumption	<2W (Max peak 4W)

Inputs and Outputs

Mains power	1x
Relay output	1x
Configurable control interface (DALI, 0-10V, PWM)	1x
Digital input	1x
SMA external RF868 antenna (only C-Node RF)	1x

Outdoor luminaire controller with multifunctional outdoor luminaire controller OWL Node 7 streetlight luminaires gain personality. Great compatibility and easy installation into luminaires or poles from different manufacturers make the perfect choice for remote luminaire control.

Key Features

- Great compatibility and easy installation into luminaires or poles from different manufacturers make the OWL-Node the perfect choice for remote luminaire control.
- Dimming profile upload and energy measurement download from luminaire is enabled through continuous real time communication over power line or wireless networks.
- Built-in various control interface support, like DALI, 0-10V, PWM or RELAY enables OWL-Node to save energy by adjusting luminaire dimming level according to the dimming profile.
- OWL-Node can detect luminaire failures through precise energy measurement with its built-in energy meter.
- Street lights can become even more smarter by combining sensor technologies like movement sensors or traffic sensors with OWL-Node outdoor luminaire controller.

