Size and Weight

Width:	160 mm
Depth:	58 mm
Height:	90 mm
Weight:	350 g

Enclosure

IP class	20
Mounting	on DIN rail 35 mm

Environmental requirements

Operating temperature:	from -35° to +65° C
Storage temperature:	from -40° to 85°C
Relative humidity:	< 95% non-condensing

Communication

Server communication	UMTS/HSPA+ (3G) + GSM/GPRS/EDGE (2G) TCP/IP network protocol Ethernet
Luminaire communication	Powerline communication or RF (LoRa) communication plug-in module

Power

Voltage:	230 VAC -15% ...+10%
Frequency:	50/60 Hz
Peak over voltage	4000V
Power consumption	<3W (Max peak 6W)
Battery:	Built-in
Memory:	Flash 16 Mb

Inputs and Outputs

Mains power	1x
Relay output	4x
Voltage measurement	3x
Current transformer input	24x
Serial ports (EIA-485)	1x
4-20mA input	1x
Digital input	3x
Pulse interface	1x
1x USB Service port	1x
1x SMA external GSM antenna	1x
1x Ethernet port	1x
2x sim card (1x removable)	2x

Features

Firmware	Over-the-air programming
Display	3.5inch touch screen
Accessories included	GSM antenna Current transformers (4 pcs)

LMS CD TC CITYOWL CONTROLLER PRO

Powerful supervising tool. An advanced dispatcher supervising tool for continuous streetlight monitoring, alerting and management.

GSM/3G communication
Remote streetlight cabinet inspection and management is now done easier than ever before thanks to the widest wireless communication network in the world – GSM/3G. Now all streetlight information is accessible online anytime and everywhere.

Individual phase switching ON/OFF
No more dusted photocells, no daylight burning or scheduled timer settings. CITYOWL CONTROLLER PRO enables individual phase switching based on a user defined ON/OFF profile corresponding to the solar cycle and twilight sensor.
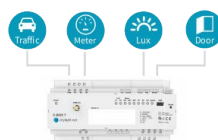

Energy measurements
Built-in energy meter enables high precision energy measurements and failure detection on each phase.

Sensor data from the field
Various sensors allow data acquisition from a wide range, whether it is a connected door switch for violation detection or a plugged twilight sensor for brightness measurement CITYOWL CONTROLLER PRO will deliver the data.

Luminaire communication
Using PLC (Power line communication) or RF (Radio frequency) data transmission technologies CITYOWL CONTROLLER PRO can set dimming profiles and receive energy measurements from up to 350 individual luminaire through the air or over power lines.

SLe®
smart lighting engineering