

Remote Lighting Controller

CL200

Luxmatic remote lighting controller, CL200 is a smart device that control luminance for the ballast of high-pressure discharge lamp or the converter of high power LED lamp.

The CL200 increases safety and beautifies cities through remote monitoring and control of street light, so implemented Luxmatic smart outdoor lighting system can reduce energy use.

Luxmatic smart lighting system is an economical system which extends the life of lighting equipment and reduces energy use via dimming lamps, monitoring measurement of energy and malfunction of lamps and ballasts or converters.



Features

- Saves power consumption up to 80%
- Supports Power Line Communication Standard ISO/IEC 14908-3
- Power Line Communication makes the system suitable for tunnels and outdoor applications by eliminating extra wiring
- Can control the various types of the lamp driving devices regardless of luminaries

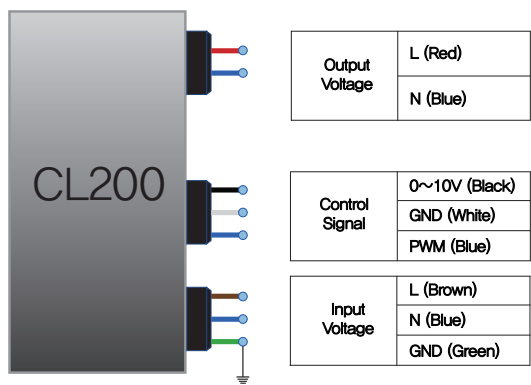
Capabilities

- Controls 0~100% of luminance
- Reports operating status and on-time duration Control of the lamp and the equipment (ballast or convertor)
- Provides automatic shut-off when the maximum current limit is exceeded
- Supports industrial standard on control protocols (0~10V, PWM)
- Measures instantaneous/accumulative power consumption, voltage/current and power factor of the lamp

Specifications

Input Power	100~250V, 50~60Hz
Maximum Current	5A max
Luminance Control Range	0~100%
Communication	LonWorks PLC based on the ISO/IEC 14908-3
Control Signals	0~10V(ESTA E1.3), PWM(IEC60929)
Measured Items	Instantaneous/Accumulative Power Consumption, Voltage/Current, Power Factor
Measurement Accuracy	1.0%
Alarm	Voltage, Power, Equipment Failure, Current Loss & Over-current
Operating Temperature Range	-40℃ ~ +70℃
Protection Standard	IP66
Certifications	KC, CE
Dimensions	163 mm (W) x 65 mm (H) x 36 mm (D)

Wiring Diagram



Dimensions

