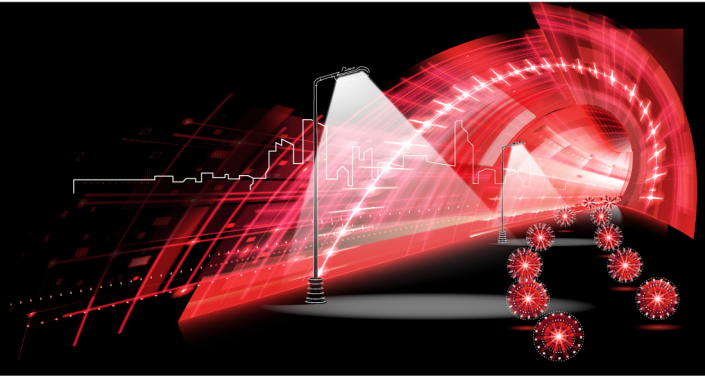
GATEWAY
International 360
Innovation Design, Solutions Manufacturing

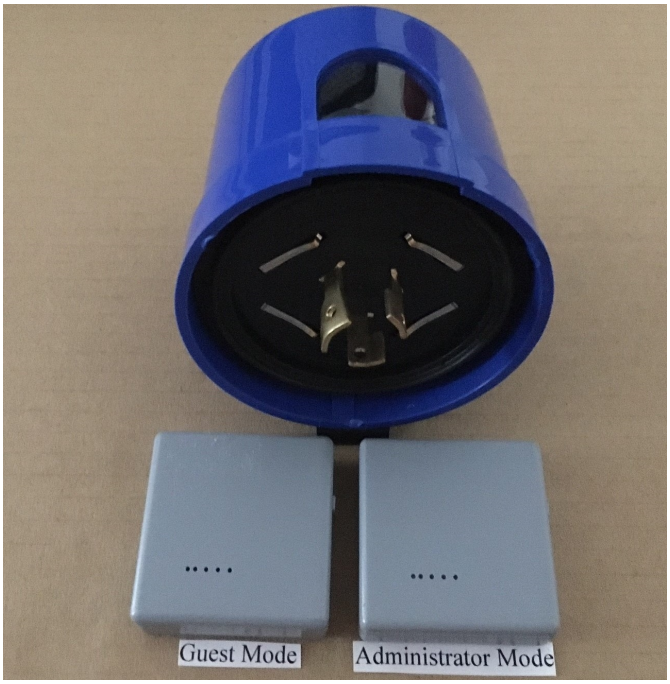


GW-244 SERIES
SMART REMOTE DIMMING CONTROL

PRODUCT SUMMARY

The GW-244 dimming photocontrol series is designed to control any dimmable LED street light with 0-10V dimming in accordance with the ambient natural light level. The GW-244 uses a gateway (G-244P or GW-244V) connected to an iOS or Android smartphone through Zigbee communication. This smart control is designed with microprocessor circuits and an IR-filtered silicon sensor. A heavy duty surge arrester (MOV) 40kA is provided to protect the control and luminaire.

A preset 3-5 second time-delay prevents excessive operation due to spotlights or lightning. A heavy duty sealed relay is rated for over 15,000 cycles. This smart control GW-244C provides twist lock terminals and signal contacts.



FEATURES

- Locking-type
- Smart Remote Control
- Visitor/Professional Gateway
- 0-10V Dimming
- Multi-Volt Application
- IP65 / IP67 Optional
- 40kA Surge Arrester Built-in
- IR filtered Photodiode Sensor
- Midnight Dimming
- LED Decay Compensation Featured
- Fail-On Mode

6/4/2018

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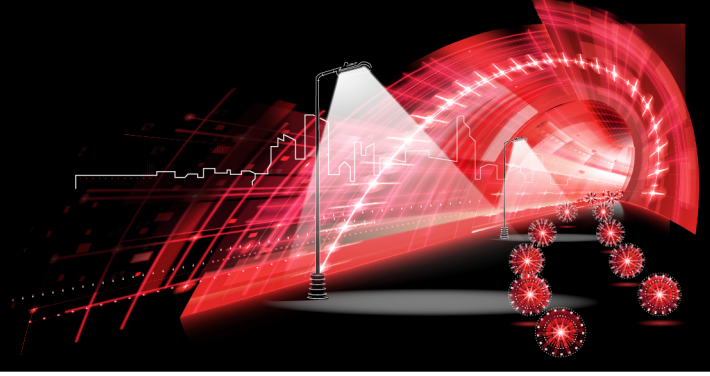
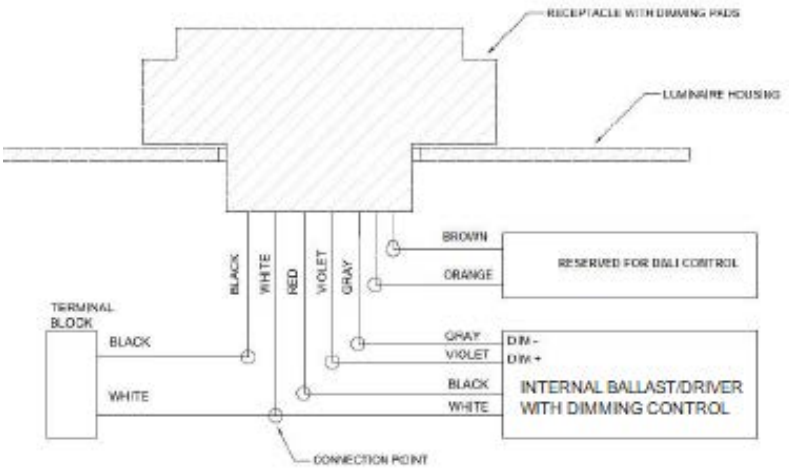


GW-244 SERIES
SMART REMOTE DIMMING CONTROL

FEATURES

MODEL	GW-244C	GW-244P	GW-244V
Device Description	Twist-lock Control	Gateway Prof	Gateway Visitor
Constant On/Off Dimming	•		
Midnight Dimming	•		
Temporary Dimming	•	•	•
Temporary On/Off Cycling		•	•
Emergency Cycling		•	X
LED Decay Compensation	•	•	X
Midnight Dimming		•	X

TECHNICAL DATA

Rated Voltage	120-277 VAC, 50-60Hz
Voltage Range	105-305 VAC, 50/60Hz
Rated Load Power Consumption	1000W Tungsten, 1800VA Ballast, 5A e-Ballast 1.2 W Average
Typical On/Off Level	50 Lux
Typical Time Delay	5 Sec
Typical Surge Protection	640 Joule / 40000 Amp
Typical IP Protection	IP65
Dielectric Strength	5000 Vrms
Ambient Temperature	-40 ~ +70 °C
Related Humidity	99%
Overall Size	(GW-244C) 84 (Dia.) x86mm; (GW-244P/V) 47x45x15mm
Weight Appox.	(GW-244C) 200 gr.; (GW-244P/V) 35 gr.

INSTALLATION WIRE DIAGRAM FOR LUMINAIRE