

DesignLights Consortium



Manufacturer	Wattstopper / Legrand
Product Website	View Website
QPL	Networked Lighting Controls
Listing Status	Listed
Date Qualified	2021-03-26
Product Case Studies	View Website
Technical Support Phone	800-879-8585
Standard Warranty Length	5 Years
Extended Warranty Needed?	No

SUMMARY VIEW DETAILS

- ✓ [Networking](#)
- ✓ [Occupancy Sensing](#)
- ✗ Traffic Sensing
- ✓ [Daylight Harvesting](#)
- ✓ [High-End Trim](#)
- ✓ [Zoning](#)
- ✓ [Individual Luminaire Addressability](#)
- ✓ [Continuous Dimming](#)
- ✓ [Control Persistence](#)
- ✓ [Scheduling](#)
- ✓ [Energy Monitoring](#)
- ✓ [Remote Diagnostics](#)
- ✓ [User Interface](#)
- ✓ [Luminaire Level Lighting Control \(LLLC\)](#)
- ✓ [Personal Control](#)
- ✓ [Load Shedding/Demand Response](#)
- ✓ [Plug Load Control](#)
- ✓ [External Systems Integration](#)

- ✓ [Emergency Lighting](#)
- ✓ [Cybersecurity](#)
- ✓ [Color Changing/Tuning](#)
- ✓ [Scene Control](#)

NETWORK VIEW DETAILS

Has Networking	Yes
Max devices per network	2000
Notes on max devices	Unlimited (Supervisor); Multiple LMSM (networks) supported
Max distance between nodes with obstructions, ft	100
Notes about distance	150 ft per device, to 1,000 ft max
Wired and/or wireless communication with edge devices	Wired, Wireless
Wiring type(s) for wired communication	Twisted Pair, Cat 5e
Gateway/bridge connection to server	Ethernet, Cellular
Compliance with Standards	DALI, Proprietary
How is an edge device added to the network?	Auto-discovered by network
Has Zoning	Yes
Has Individual Luminaire Addressability	Yes
Integrated networked controllers	Yes
Communication/wiring protocol used	0-10V analog
Has LLLC	Yes
Has Control Persistence	Yes
Persistent Control Strategies	Occupancy sensing, Daylight harvesting, High end trim/ task tuning, Personal control, Local Manual Switch
Where programmable parameters are stored for control persistence	In the sensor, In the controller, In Local Switch / Dimmer

INTEROPERABILITY VIEW DETAILS

Has Energy Monitoring	Yes
Energy monitoring method	True power meter (current and voltage), Current meter with nominal voltage, Wattage LUT with manual data entry
Is optional hardware or software needed?	Yes
If metered, meter location	Integral to the Room Controller

Duration that aggregated energy data is available	5 days in memory (LMSM) to Unlimited (LM-SUPERVISOR)
Smallest spatial resolution of the data record	Per zone
Loads included in a data point of the reported power/energy consumption	Driver/ballast
Optional hardware and/or software needed for energy monitoring	Supervisor (LM-SUPERVISOR), or segment manager (LMSM), or 3rd party BACnet dashboard.
Data record available	Regularly spaced timestamp, Peak Power
Data record .CSV and/or API	.CSV
Has External systems integration	Yes
Communication Protocols Supported	BACNet® /IP (ANSI SSPC 135), Niagara
Luminaire level data communicated via BMS	Light level, Occupancy status
Operational commands can be input via BMS	Yes
Response time for lighting scene change request via BMS	Within 2 seconds
Has Demand Response	Yes
Responds to external signal	Yes
External signal type/method	BACnet, Dry Contact, OpenADR via internet
OpenADR compliant	2.0b
Type of DR (Scenes or Preset)	A native/built-in light level scale-back
Real-time power usage is reported	Yes
DR OpenADR Certified	Yes

ENERGY SAVING STRATEGIES VIEW DETAILS

Has Occupancy Sensing	Yes
Vacancy mode available	Yes
Single Tech Sensor Types	PIR, Ultrasonic
Dual Tech Sensor Types	PIR, Ultrasonic
Standard Ceiling Height PIR Coverage/Mounting Options	Ceiling, Corner, Corridor, Wall
High-Bay PIR Coverage/Mounting Options	Ceiling
Default Time Delay (in minutes)	20
Time delay field adjustable	Yes
Damp-condition occupancy sensor available	Yes
Unoccupied dim (besides off) level is available	Yes

Has Daylight	Yes
Shading systems integration	Yes
Additional components for shading system	Contact Closure or RS232 Interface
Sensitivity is adjustable	Yes
Settings are reported in UI	Yes
Has High-End Trim	Yes
Minimum Setting	1%
Default Setting	85%

CONTROL VIEW DETAILS

Has Continuous Dimming	Yes
Dimming curves ahead	Linear
Compliance with dimming standards	DALI, 0-10V(IEC60929 Annex E)
Has Plug Load Control	Yes
Method (Smart Outlet or Circuit Level Relay Switch)	Smart outlet with integrated control, Circuit level relay switch, Relay Panel
Plug load energy data reported	Yes
Plug Mode Control Strategies	BACnet, Demand response signal, Manual control, Occupancy (Plug Load), Scheduling, Web/mobile interface
Has Scheduling	Yes
Astronomical time-clock	Yes
Scheduling how far ahead	No Limit
Holiday/Special Events	Yes
Local Schedule Override Switch	Yes
Has User Interface	Yes
Upload floorplan	Yes
Two-way UI communication	Yes
Display existing system settings	Yes
User interface platform(s)	App for Android, App for iOS, Wall switch with wireless comm & power wired to switch, Remote control with display, Wall mounted control panel or touch screen, Web interface, Windows-based software program
Has Personal Control	Yes
Method of Control (Interface)	Local wireless dimmer switch
Luminaire groups available for personal control	Yes
Scene Programming	Manual switch
Scene Selection method	Scene Manual switch, BMS

ADDITIONAL CAPABILITIES VIEW DETAILS

Color data type	Digital
Control type	Select CCT
Has Cybersecurity	Yes
Cybersecurity standard(s) met	ioXt
Compliance with CA SB-327	Yes
Has Remote Diagnostics	Yes
Characteristics remotely monitored, diagnosed, and/or reported	Battery Level, Communication Issues, Network Signal Strength, Status: online/offline devices
Types of alerts	Blinking local LED status lights, Outage reports
Has Emergency Lighting	Yes
URL link to information about: Emergency Power Source switched at central location	https://www.youtube.com/watch?v=TQ3rHBxXuoE

START-UP AND CONFIGURATION VIEW DETAILS

Ease of Implementation	Installation contractor with less than 1 day of training
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VERSION HISTORY VIEW DETAILS

2021-03-26	Listed	5
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