TelleLight™

SR-Series

TelleLight™ is the cutting edge convergence of LED fixtures, **Qualified** bluetooth mesh, bluetooth sensors, bluetooth fixture controls & control software.

Further enhancing your project with ease of installation & use. Adding new levels of flexibility, energy efficiency, management and quality.

PacWave™

TruBlu MCWONG

*TelleLight™ Trademark is Pending

Bluetooth®
SPECIAL INTEREST GROUP

*Meets Bluetooth Qualification Process
July 2017, Declaration No.: D036228 / D036327

IoT

ECLIPSE LIGHTING

Rev. 8/14/20

TelleLight™

SR-Series

ECLIPSE LIGHTING

PacWave™

Microwave & PIR BLE Sensors
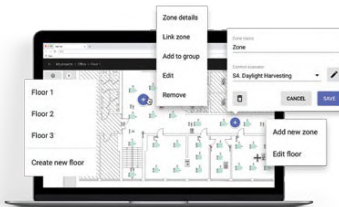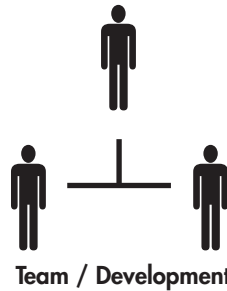

Wireless Switches

BLE Fixture Control & Power Pack

TruBlu™
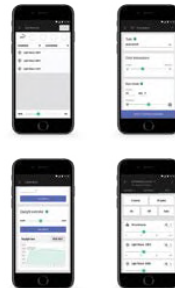
Commissioning

Browser Based Planning Software

Team / Development

iOS - Onsite Implementation

HBA3   Denali

G11   PG14

GR16   GR18

VTC-S

VTA

574

Eclipse equips their high efficacy, high quality LED fixtures with state-of -the-art sensors and controls that enable them to securely communicate via Bluetooth mesh over 1000's of nodes.

For 30+ years, **PacWave** has produced superior lighting controls and related electrical power and protection components. Today, PacWave is an innovator in Bluetooth mesh control solutions with the largest range of qualified Bluetooth mesh devices in the marketplace The PacWave platform offers numerous choices of sensors, wireless switches, dimming power packs and fixture controllers.

TruBlu provides complete and flexible lighting control solutions based on Bluetooth mesh networking technology. **TruBlu** monitoring tools provide real-time and historical data for tracking energy consumption.

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- **Lighting Control Features:**

    - Complex Wiring is History!

    - *Qualified Bluetooth Mesh Products / **Bluetooth SIG Specification**

    - Software: Browser Designed & Collaborative

    - Software: Onsite iOS Commissioned

    - Software: 10 Built-In Scenarios + Customization

    - Software Configured Dimming & Timers

    - Software: Multiple Zone Configurable, Including Zone Linking

    - Software: Ambient Light & Daylight Harvesting, Thermal Asset Tracking, Energy Usage

    - Futureproof, with Software Updates

    - EnOcean Compatible Switches

    - **Remote Monitoring Capable

- **Fixtures Options**

    - Lumens and Wattage Options

    - CCT Options

    - Mounting Options

    - Emergency Options (Consult Factory)

* Meets Bluetooth Qualification Process
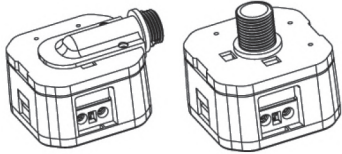*July 2017 Declaration No.: D036228 / D036327*
Eclipse Lighting is a registered member of the Bluetooth SiG

** Remote Monitoring is Available Via Additional Equipment and Services

- Depending upon fixture type, wireless controls can be incorporated within the fixture. Consult Factory.

- Project layout and design are executed via a web browser interface. Team collaboration is available.

- Fixtures can be configured individually or in multiples within a Meshed Zone via a handheld Apple iOS Smart Device.

- Designers and building professionals can rely on the most advanced interoperability possible in the marketplace — both today and in the future. Every PacWave component is fully qualified in compliance with Bluetooth mesh networking specifications published by **Bluetooth SIG**.
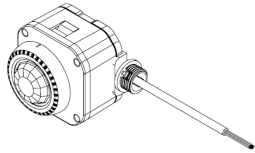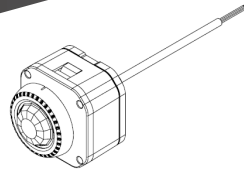
TelleLight™

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Side Mount (TSS1)
Microwave Sensor BLE

Bottom Mount (TSS2)
Microwave Sensor BLE

Side Mount (TSS3/TSS5)
PIR BLE Sensor

Bottom Mount (TSS4/TSS6)
PIR BLE Sensor

In Enclosure (TSS7)
PIR Sensor BLE

In Enclosure (TSS8)
PIR Sensor BLE

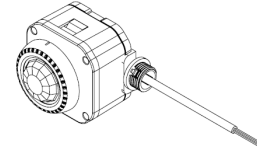**In Enclosure (TSS9)**
Microwave Sensor BLE

Ceiling / Wall (TSS10)
PIR BLE Sensor

Fixture Receptacle (TSS11)
Microwave Sensor BLE

Side - Arm (TSS12)
PIR BLE Sensor 110VAC Power

Side Mount (TSS13)
PIR BLE Sensor - Reverse Photocell

In Enclosure (TSS14 / TSS15)
PIR BLE Sensor / BLE Dim Wall Switch

Fixture Receptacle (TSS16)
PIR BLE Sensor

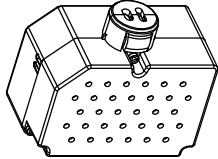| MODEL CODE	DESCRIPTION	FUNCTION	POWER	PHOTOCELL	DIM-to-OFF	HEIGHT	MOUNTING	IP RATING
TSS1	Microwave Sensor with BLE	Occupancy + Dimming	TPP1 (1)	N/A	w/TPP4	8' - 40'	Side	IP65
TSS2	Microwave Sensor with BLE	Occupancy + Dimming	TPP1 (1)	N/A	w/TPP4	8' - 40'	Bottom	IP65
TSS3	PIR BLE Sensor	Occupancy + Dimming	TPP1 (1)	Adj. (2)	w/TPP4	8' - 12'	Side	IP65
TSS4	PIR BLE Sensor	Occupancy + Dimming	TPP1 (1)	Adj. (2)	w/TPP4	8' - 12'	Bottom	IP65
TSS5	PIR BLE Sensor	Occupancy + Dimming	TPP1 (1)	Adj. (2)	w/TPP4	13' - 39'	Side	IP65
TSS6	PIR BLE Sensor	Occupancy + Dimming	TPP1 (1)	Adj. (2)	w/TPP4	13' - 39'	Bottom	IP65
TSS7	PIR BLE Sensor	Occupancy + Dimming	TPP1 (1)	Daylight (3)	w/TPP4	8'	In Enclosure	IP20
TSS8	PIR BLE Sensor	Occupancy + Dimming	TPP1 (1)	Adj. (2)	w/TPP4	10'	In Enclosure	IP20
TSS9	Microwave BLE Sensor	Occupancy + Dimming	TPP1 (1)	N/A	w/TPP4	12'	In Enclosure	IP20
TSS10	PIR BLE Sensor - White	Occupancy + Dimming	TPP2	N/A	N/A	12'	Ceiling or Wall	IP20
TSS11	Microwave BLE Sensor	Occupancy + Dimming	TPP1 (1)	N/A	N/A	30'	Fixture Receptacle (5)	IP65
TSS12	PIR BLE Sensor-110VAC Power	Occupancy + Dimming	100-277 VAC	@ 30 Lux	0% Capable	8' - 30'	Side - Arm	IP65
TSS13	PIR BLE Sensor - Reverse Photocell	Occupancy + Dimming	TPP1 (1)	Reverse (4)	N/A	8' - 12'	Side	IP65
TSS14	PIR BLE Sensor	Occupancy + Dimming	TPP1 (1)	Adj. (2)	w/TPP4	8' - 12'	In Enclosure	IP20
TSS15	PIR BLE Sensor	Occupancy + Dimming	TPP1 (1)	Adj. (2)	w/TPP4	13' - 39'	In Enclosure	IP20
TSS16	PIR BLE Sensor	Occupancy + Dimming	TPP1 (1)	Adj. (2)	N/A	13' - 39'	Fixture Receptacle (5)	IP65

NOTES
1. (TPP1) can be replaced with a fixtures driver which has an AUX output of 12 or 24VDC & a Min. 100mA output.
2. Photocell - Adjustable (2) - Has a common Day/Night photocell, with an On/Off set point adjustable via a Trim Pot.
3. Photocell - Daylight (3) - To achieve a set lumen level, the sensors 0-10V output is Dynamic, related to the measured amount of Ambient light.
4. Photocell - Reverse (4) - Sensor increases the light level when the ambient light level is High and lowers light levels when the ambient light level is Low.
5. Sensors require Fixture Receptacle (5) for mounting. TE Connectivity Lumawise, Model: 2213858-1, or equivalent.
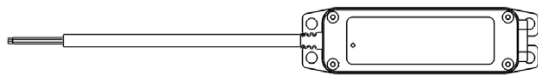
TelleLight™

SR-Series

TSC1
1-CH Fixture Controller

TSC2
2-CH Fixture Controller

TSC3
1-CH Fixture Controller

TPP1
Device Power Pack

TPP2
Device Power Pack

TPP3
Device Power Pack

TPP4
Device Power Pack

TSC4
1-CH Fixture CTRL

TSC5
1-CH Fixture CTRL

TSW1
BLE Dimming
Wall Switch

TSW2
BLE Dimming/PIR
Wall Switch

TTD1
Shunt Relay

TTD2
Remote
Momentary
Test Button

TelleLight SR Power Packs

MODEL CODE	DESCRIPTION	USED WHERE	INPUT	OUTPUT	0-10V DIM	W/ RELAY	L	W	H	mA
TPP1	Device Power Pack	Refer to Device Charts	120-277 VAC	12 VDC	N/A	N/A	2.64	1.05	0.91	250
TPP2	Device Power Pack	Refer to Device Charts	120-277 VAC	24 VDC	N/A	✓	2.78	1.68	1.62	150
TPP3	Device Power Pack	Refer to Device Charts	120-277 VAC	12 VDC	N/A	✓	4.18	1.04	1.01	100
TPP4	Device Power Pack	Refer to Device Charts	120-277 VAC	12 VDC	✓	✓	5.04	1.37	1.08	150

TelleLight SR Controllers

MODEL CODE	DESCRIPTION	FUNCTION	INPUT POWER	0-10V DIM	# OUTPUTS
TSC1	1-CH Fixture Controller - Internal	BLE Controller + Dimming	12-24 VDC	✓	2
TSC2	2-CH Fixture Controller - Internal	BLE Controller + Dimming + CCT Tuning	18-48 VDC	✓	2
TSC3	1-CH Fixture Controller - Internal	BLE Controller + Dimming	12-24 VDC	✓	1
TSC4*	1-CH Fixture Controller - External (IP65)	BLE Controller + Dimming	12-24 VDC	✓	1
TSC5*	1-CH Fixture Controller - External (IP65)	BLE Controller + Dimming + Ambient Light	12-24 VDC	✓	1

*Requires use of a TE Connectivity Lumawise Receptacle - Model: 2213858-1, or equivalent.

TelleLight SR Switches

MODEL CODE	DESCRIPTION	FUNCTION	INPUT	RANGE	MANUAL ON/OFF	DIMMING	MANUAL DIM	TIME DELAY	LUX LEVEL
TSW1	BLE Dimming Wall Switch	Manual Switch - White	120-277 VAC	Max. 49'-65'	✓	Program	✓	Program	N/A
TSW2	BLE Dimming/PIR Wall Switch	Manual Switch + PIR Occ. + Ambient Light - White	120-277 VAC	12 VDC	✓	Program	✓	Program	Program

TelleLight Generator Transfer Devices

MODEL CODE	DESCRIPTION	COMPLIANCE	INPUT	LED LOAD	0-10V DIM OVERRIDE	MOUNTING	REMOTE TEST
TTD1	Shunt Relay	Conforms to UL924	120-277 VAC	16 Amps	✓	Side or Wall	w/ TTD2
TTD2	Remote Momentary Test Button	White 4.67" Diameter faceplate. Wire with 18-24 AWG				Ceiling or J-Box	For TTD1