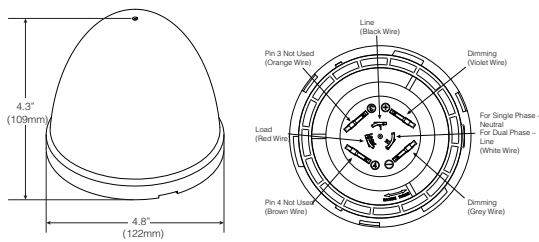




Take Control of Your Lighting.

Bright Light Systems LC211 wireless controller enables remote monitoring and control of luminaires using an ANSI C136.41 NEMA twist-lock receptacle. The light controller communicates wirelessly over an 802.15.4 mesh network and connects to a BLS Gateway. The LC211 offers remote on/off powering, dimming control from 100% to 0%, and monitors Watts, Amps, kWhours, and maintenance information. Data is securely communicated to the Bright Light Management System (BLMS), a reliable and scalable cloud-based lighting management platform. For high-mast/area lighting, parking lots, roadway, and warehouses.

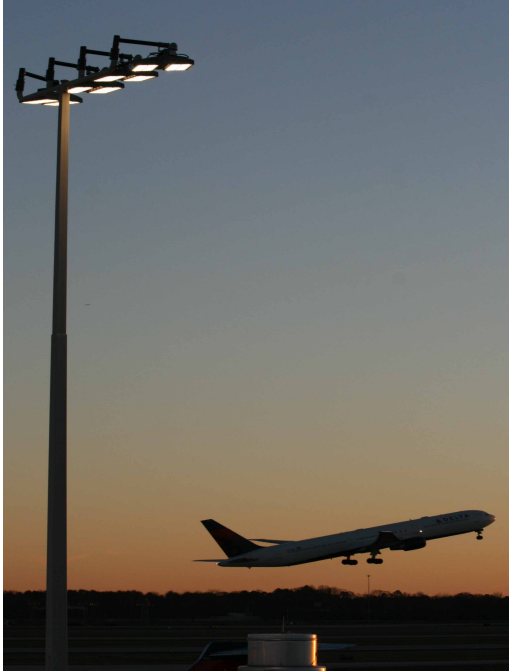
Dimensions



Specifications

- Voltage: 120/277/347 VAC single phase or 208/240/480 VAC dual phase, 50/60Hz
- Dimming range: 0 - 100%
- Designed for ANSI C136.41 NEMA receptacle for easy installation
- Supports 0-10V analog interface for dimming control
- Self-healing IEEE 802.15.4 mesh network
- 2.45 GHz operating frequency
- Fail-safe mode: Power ON, Lamp HIGH = 100%
- Average power consumption is 1.5 W
- RF power is less than 250 mW
- 128-bit AES encrypted communication
- Range up to 500m (LOS)
- 16 channel - Direct sequence spread spectrum (DSSS)
- -40°C to 70°C operating temperature
- IP53 Ingress Protection
- Over the air firmware updates
- Dimensions: 121.3 mm (Diameter) x 108.5 mm (Height)
- Weight: .7 lbs (0.32 kg)
- Approvals: UL773, FCC Part 15 Class C
- 3-year warranty

Application



Ordering Information

Product	-	Interface	Configuration	GPS	Voltage	Country
BLLC211	-	A Analog (0-10V)	C 7-Pin Connector	X Without GPS	1P 120/277/347 VAC 2P 208/240/480 VAC	U Default (USA)
Example: BLLC211-ACX2PU				Note: Light Controller is used with the Bright Light Management System (BLMS)		

*Specifications subject to change without notice