

PROJECT	PART #	PREPARED BY	QUANTITY	DATE	NOTES

Transform cityscapes, bridges, building perimeters, walkways, parks, shopping areas, plazas and campuses with our revolutionary, patented LLC RGBW BLE Smart Lamp Series, available in 40W, 60W or 96W. Provide a welcoming environment that attracts people and businesses to public areas, while maintaining enough light to meet illuminating standards for basic white lighting.

The Casambi BLE Mesh Network is scalable and affordable; LLC RGBW Smart Lamps can be added to the BLE mesh system on a custom basis according to budget. BLE Smart Lights can be easily installed in post tops or any fixture housing that accommodates its dimensions. They can also be programmed for wildlife friendly lighting policies (580-620nm) in coastal areas.

Designed to be integrated with adjacent fixtures and other components using Casambi control, the LLC RGBW Smart Lamp leverages cutting-edge BLE mesh technology for a scalable and secure network to control individual lights or groups from up to 200M away, with cloud gateway options for remote management over miles of connected lighting via Cloud API.



Bluetooth MESH



FEATURES

Casambi Ready / Plug & Play	Easy to implement and/or add to existing Casambi BLE network
Ecosystem Fit	We offer many RGBW Casambi-enabled lighting products
Robust, Secure & Reliable	Currently used in airports, roadways, and many other critical applications
Scalable & Affordable	Expand at your own pace and budget
Over 16.7 Million Colors	Bespoke designs and creative applications
Wildlife Friendly	580 - 620nm; astrological clock timer capabilities
Certifications	ETL / CE / RoHS / FCC
Warranty	3YR / 5YR
Patent	US 10,598,315 B2
40, 60 & 96 W Available	Models available to retrofit your fixture model in all sizes, custom mounts available*

PROJECT	PART #	PREPARED BY	QUANTITY	DATE	NOTES

CONTROLS

BLE Mesh Distance	Bi-directional communication up to 656', full mesh redundancy, extenders to connect components around barriers
Wifi / Cellular	Remote gateway access to wifi and cellular networks
Component Ready	Add switches, sensors or any of our other Casambi-enabled products
Smart Automation & Efficiency	Employ motion, occupancy, daylight or lux sensors, smart dimming & scheduling
Maintenance	Firmware updates carried out automatically, cloud backups
Commissioning & Support	Partnered with Casambi Support Network
User Control	App-driven commissioning, hierarchical access, overrides
Security	AES-128, ECDH, SHA-256 Encryption, self healing, OTA updates

SPECIFICATIONS	40W	60W	96W
Part Code	LLC-40W-RGBW-BLE-CL	LLC-60W-RGBW-BLE-CL	LLC-96W-RGBW-BLE-CL
Wattage	40	60 (21W in 4000K)	96
Dimensions	Ø3.94" x 6.89"	Ø3.94" x 9.84"	Ø5.04" x 11.85"
Base	E26 / E39*		
Power	100-277VAC 50/60 Hz		
PF	>0.95		
IP Rating	54		
Operating Temp	-40C to +45C		
Lifetime Hours	50,000		

OPTICAL	40W	60W	96W
Lumens	2680	4400	7000
LED	RGBW, 4 IN 1 CHIP (4000K White)		
Efficacy	73 lm/W		
CRI	>90		
Beam Spread	360°		