LED Lighting Concepts LLC

SMART LAMP SERIES
LLC-RGBW-BLE-CL

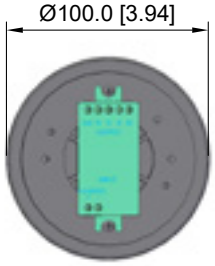
PROJECT	PART #	PREPARED BY	QUANTITY	DATE	NOTES

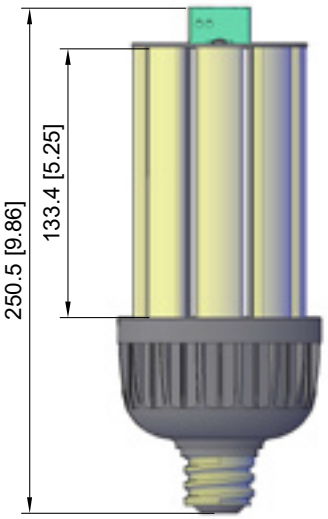
Transform cityscapes, bridges, building perimeters, walkways, parks, shopping areas, plazas and campuses with our revolutionary, patented LLC RGBW BLE Smart Lamp Series, available in 40W, 60W or 96W. Provide a welcoming environment that attracts people and businesses to public areas, while maintaining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

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.







RGBW · Bluetooth MESH · Intertek · CE · FC · RoHS · USA

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
Scheduling	Astrological and clock timer capabilities
Certifications	ETL / CE / RoHS / FCC
Warranty	3YR Standard / 5YR Extended
Patent	US 12,590,680 B2
40, 60 & 96W / Custom Retrofit	Models available to retrofit your fixture model in all sizes, customized mogal mounts

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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”
Lamp / Shipping Weight	1.7 / 2.2 lbs.oz	2 / 2.4 lbs.oz	3.2 / 3.10 lbs.oz
Base	E26 / E39		
Power	100-277VAC 50/60 Hz		
PF	>0.95		
IP Rating	54		
Operating Temp	-40C to +45C		

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°		