

# 2026 Product Roadmap

BEAUTIFUL LIGHT TECHNOLOGY CORP.





# *Roadmap*

# **INTELLIGENT**



# BLTC 2026 Intelligent Products Roadmap

## New Products

2026 Q1, Q2

2026 Q3, Q4

### Intelligent Lamp / Luminaire



PAR16 GU10



JDR50 E11



BR30/BR40



PAR30/PAR38



Panel Light



Liner Light



GX53



A60/A70



 **Minibee**  
PAR16 GU10



# Specifications of Intelligent Products

(New Release / Under Develop)



PAR16 GU10



Minibee  
PAR16 GU10



JDR50 E11



PAR30/PAR38



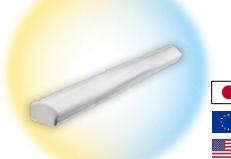
BR30/BR40



GX53



A60/A70



Linear Light



Panel Light



Lamp	Base	Input Vol.	Beam	Lumen@Wat.	Feature	Note
PAR16	GU10	100-240V	40°/60°	400lm@4.5W	Tunable White	New Release
JDR50	E11			400lm@4.5W		
PAR30	E26/E27			800lm@10W		
PAR38	E26/E27			1000lm@12W		
BR30	E26/E27		>110°	800lm@10W	Tunable White	2026.Q2 Ready
BR40	E26/E27			1000lm@12W		
PAR16	GU10		40°/60°	500lm@5W	Tunable White	2026.Q2 Ready
GX53	GX53		>110°	700lm@9W		
A60	E26/E27		>180°	800lm@8W	1CH/2CH/5CH	
A70	E26/E27			1200lm@10W		
Liner Light	Wire		>110°	2520lm@18W	Tunable White	New Release
Liner Light	Wire			5040lm@36W		
Panel Light	Wire			2520lm@25W		
Panel Light	Wire			5040lm@32W		



# All Type Smart Lamps You Can Find From BLTC



**Choose the lamp shape you like, then select the lighting control you need.**

1 CH  
Warm/ Cool white

2 CH  
Tunable White

4 CH  
RGB  
+  
Warm/ Cool white

5 CH  
RGB  
+  
Tunable White

Lamp shape x Channel configuration can be tailored per project.



# BLTC 2026 Intelligent Products Roadmap

## New Products

## 2026 Q1, Q2

## 2026 Q3, Q4

### Driver



NFC LED Driver  
12W/25W



NFC LED Driver  
40W/60W



DIP SWICH  
LED Driver 12W



DIP SWICH  
LED Driver 25W



DIP SWICH  
LED Driver 40W



DIP SWICH  
LED Driver 60W



### Intelligent

### Accessories



118 Type Wall Switch



86 Type Wall Switch



Dali Repeater-  
Surface Mount



DALI Gateway



2-in-1 Dual Adapter



TRIAC Dimmer



PWM adapter

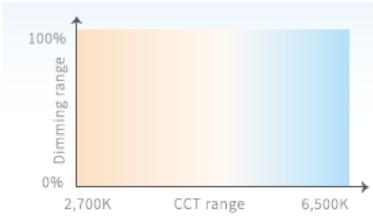


# DIP SWITCH LED Driver

UNDER  
DEVELOPMENT

## Feature:

- DIP Switch LED Driver allows users to easily configure output current or power via built-in DIP switches—providing flexibility without software, apps, or programming tools.



### Configuration - QUICK

Our product has conventional and antenna extension version to keep the signal transmission strength at different luminaire installation environments.



### Working Voltage - WIDE

In addition to traditional dimming drivers, we also provide smart drivers to control CCT and RGB (under development), based on the needs of luminaire manufacturers.



### Installation - EASY

Our drivers can be installed inside the luminaire as a built-in driver or outside as an independent driver, easily adjusted with a screwdriver.

	12W	25W	40W	60W
<b>Input Voltage</b>	100 ~ 277 V	100 ~ 277 V	100 ~ 277 V	100 ~ 277 V
<b>Inrush current</b>	20A@230V	20A@230V	20A@230V	20A@230V
<b>Power Factor</b>	>0.9@full load	>0.9@full load	>0.9@full load	>0.9@full load
<b>Frequency</b>	47-63 Hz	47-63 Hz	47-63 Hz	47-63 Hz
<b>Leakage Current</b>	<0.5mA@240V	<0.5mA@240V	<0.5mA@240V	<0.5mA@240V
<b>Working Voltage</b>	6-42V	6-54V	12-54 V	12-54 V
<b>Full load Voltage</b>	21-42V	27-54V	27-54 V	27-54 V
<b>Working Current</b>	280-570 mA	460-920 mA	740-1480 mA	1100-2200 mA
<b>Output Power Rated</b>	12W	25W	40W	60W
<b>Efficiency</b>	>80%@full load	>80%@full load	>80%@full load	>80%@full load
<b>Dimension</b>	89*37*25.5 mm	98.7*50.1*29 mm	141.5*56*30.5 mm	141.5*56*30.5 mm



# 86/118 TYPE SMART AUTO-GROUP SWITCH

NEW

## Feature:

- App-free light grouping
- Detachable control panel
- 3 customizable scene buttons
- Clear color display feedback
- Standalone & app modes



Simple Install  
and Setup



Portable  
Controller



Fast Grouping -  
APP free(Basic)



APP Mode  
(Advanced)





# TRIAC Dimmer

UNDER  
DEVELOPMENT

## Feature:

- The adapter is a Bluetooth-controlled, long-range, BT-enabled, trailing-edge dimmer for incandescent lamps, dimmable LED lamps and dimmable LED control gear.
- With BLTC's TRIAC Dimmer compatible dimmable load can be easily converted to become a part of a BLTC mesh radio network.
- It can load up to 240W@240VAC, and also features an overcurrent and over temperature protection.
- It can be controlled with HOZbee/ FireBEE App, available for iOS and Android devices, as well as with traditional wall switches.



Input	
Voltage	100 ~ 277 VAC
Frequency	50/60Hz
Max mains current	1.0 A
No-load standby power	<0.3W
Output	
Dimming method	trailing-edge phase control
Max. output power	240 W @ 240 VAC
Min. load requirement	1W
Max. load inrush current	10A, 100 ms
Max. output current	1.0 A

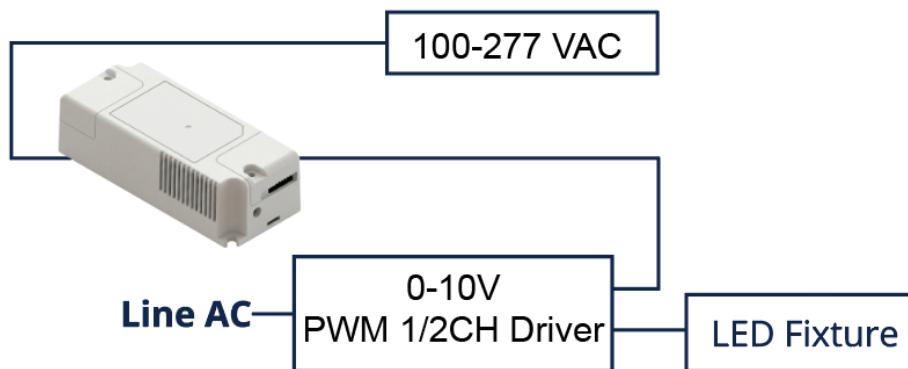


# PWM Adapter

UNDER  
DEVELOPMENT

## Feature:

- This PWM adapter is a Bluetooth-controllable, APP-enabled 1-2 channel PWM dimmer for the LED driver with PWM input.
- It can control up to 2 channels making it an ideal partner for one white(W) and tunable white (TW) applications.
- The maximum combined output current is 200 mA, which can be freely connected to one or multiple PWM LED drivers at same time.



Input	
Voltage range	100-277 VAC
Frequency	50/60Hz
Max mains current	35 mA
No-load standby power	<0.5W
Channel 1 output	
Output voltage	12 VDC, Max. 200 mA (sourcing)
Maximum number of drivers	1 or Multiple Drivers
Dimming Method	Pulse Width Modulation (PWM, freq.1,000 Hz)
Channel 2 output	
Output voltage	12 VDC, Max. 200 mA (sourcing)
Maximum number of drivers	1 or Multiple Drivers
Dimming Method	Pulse Width Modulation (PWM, freq.1,000 Hz)



# DALI + BLTC Product Ecosystem =

## Wired DALI Meets Wireless Smart Lighting

UNDER  
DEVELOPMENT



DALI Gateway



DALI Repeater

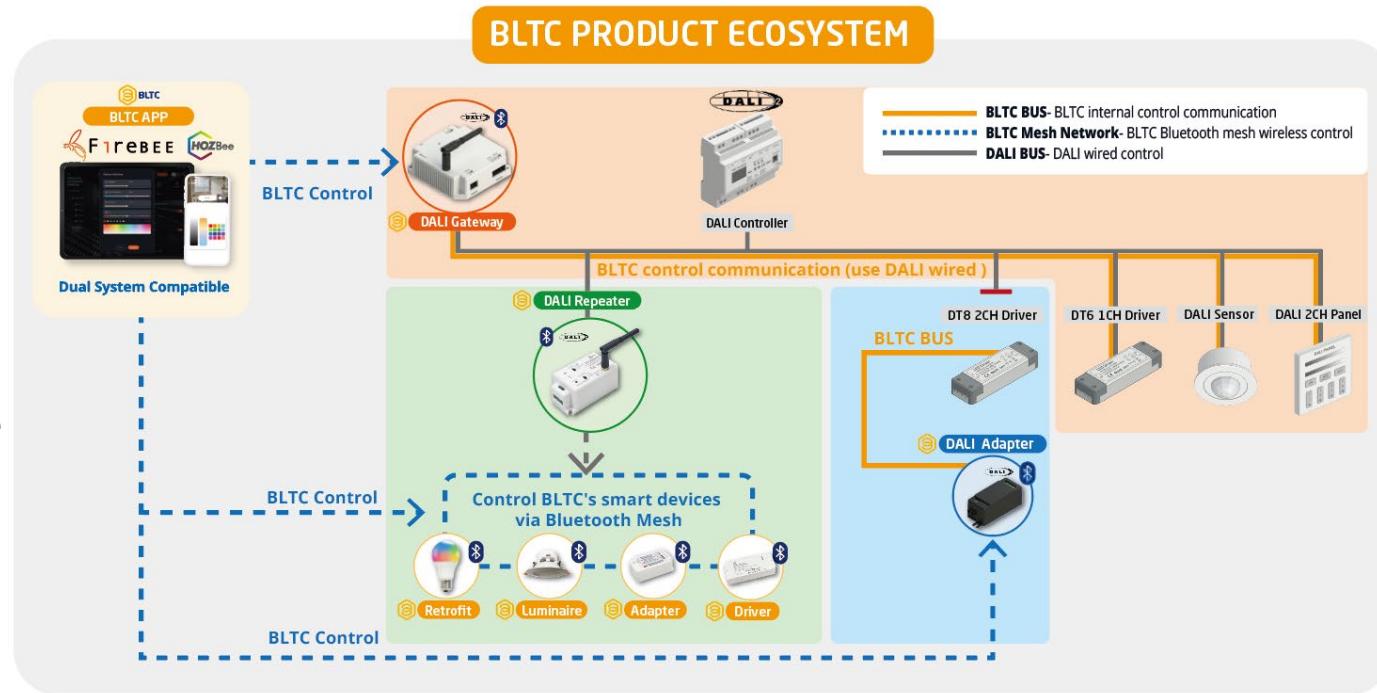


2-in-1 Dual Adapter

BLTC bridges standard DALI lighting control with Bluetooth mesh smart devices, enabling flexible system expansion and cost-efficient upgrades.

### Feature:

- Network Expansion**- Easily expand lighting networks beyond traditional DALI limitations.
- DALI to BLTC Bluetooth Mesh**- Connect wired DALI control to wireless BLTC smart devices.
- Reduce Control Gear & Cost**- Fewer controllers, less wiring, lower system cost.





# DALI Repeater

NEW

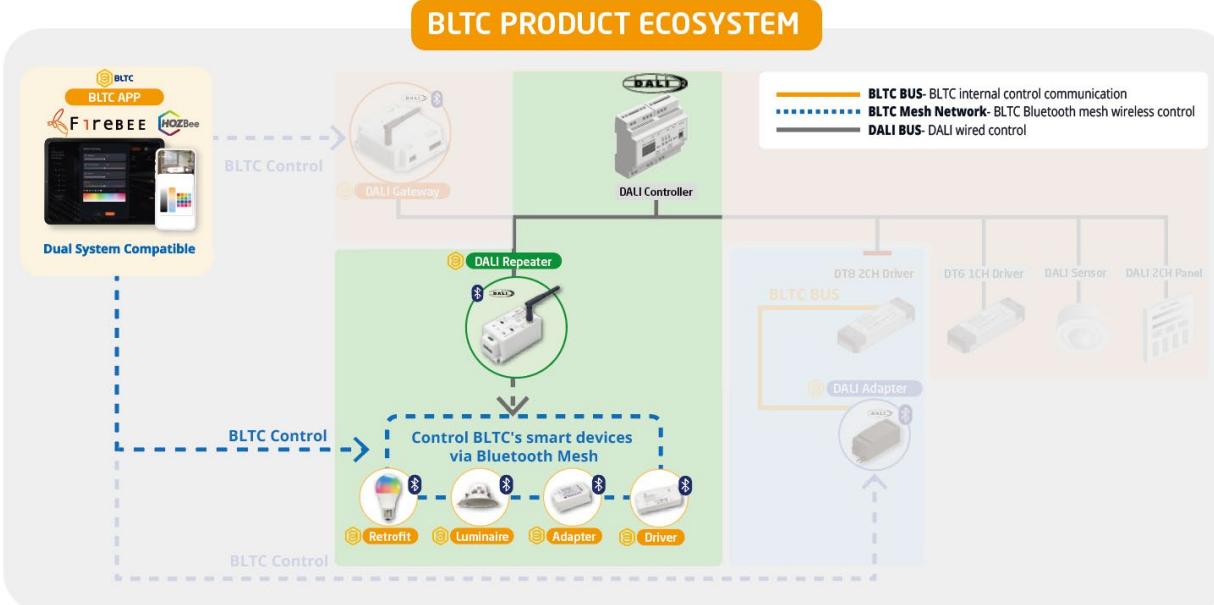
## Feature:

- Enlarge the controllable devices in your DALI System
- Multiple Signal Output (optional)
- Easily being integrated in the electrical box by supporting DIN35 rail system



**BLI-DALIER-M-BT01**  
**Surface Mount**  
Expandable to support  
16V power output

**BLIREBA-W001HEXT**  
**DIN-rail mount**  
DALI bus power supply  
needs to be installed.



	<b>BLI-DALIER-M-BT01</b>	<b>BLIREBA-W001HEXT</b>
<b>Input Voltage</b>	100-240 V	100-240 V
<b>Power</b>	5W	<1W
<b>Radio Frequency</b>	2.4GHz	2.4GHz
<b>Output Voltage</b>	16V / 250mA(Max)	
<b>Range</b>	15-20M	15-20M
<b>Operating Temp.</b>	-20°-60°C	-20°-60°C
<b>Storage Temp.</b>	-20°-70°C	-20°-70°C
<b>IP Rated</b>	IP20	IP20

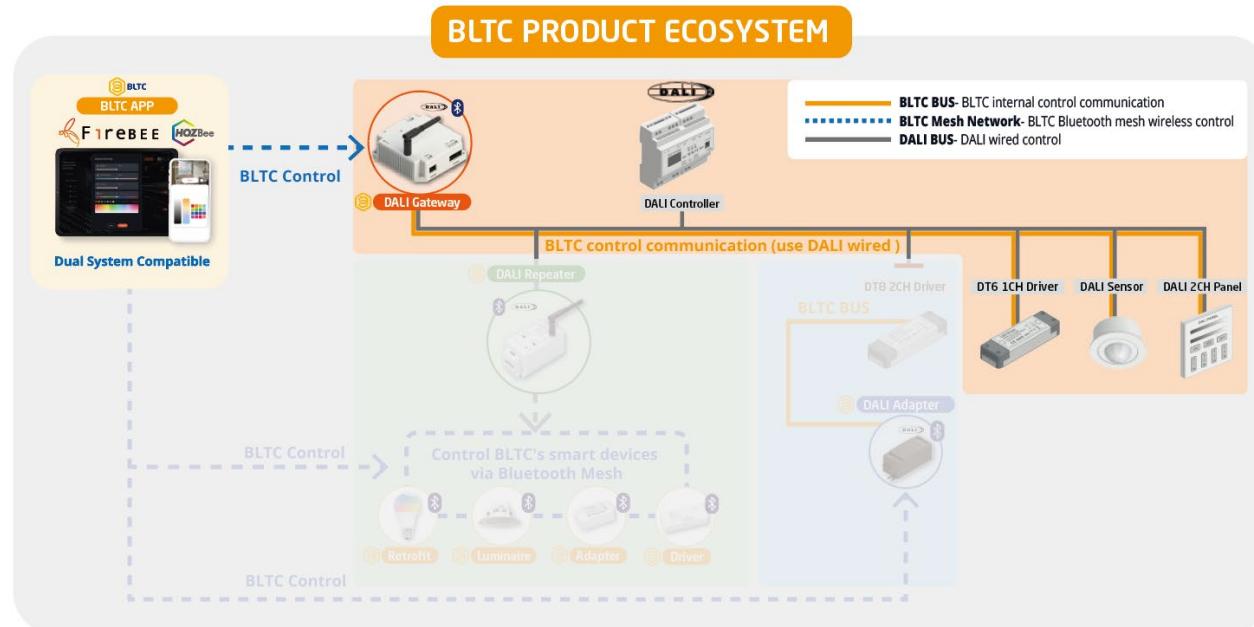


# DALI Gateway

The logo consists of the words "UNDER DEVELOPMENT" in a bold, white, sans-serif font. The text is arranged with "UNDER" on the top line and "DEVELOPMENT" on the bottom line, both slightly rotated diagonally upwards. The letters are set against a solid blue rectangular background. In the top-left and bottom-right corners of the rectangle, there are white, stylized arrowheads pointing towards the center of the text.

## Feature:

- The Device is a gateway specifically designed for organizing Bluetooth Mesh smart and Dali or RS485 lighting networks.
- It supports RJ45 10/100/1000M LAN connectivity for stable internet access and is capable of managing up to **250 nodes**, such as **RGB lighting fixtures** and **sensor nodes**, through the mesh network
- It also equipped with a built-in real-time clock (RTC) to ensure that network devices maintain accurate time, even during power outages.



Power	
AC Input	100 ~ 277 Vac,(50/60Hz)
AC In Plug	AC dry contact 2pin
DC Output	DC16V 250mA For DALI Bus
Power	5W
LAN Connecter	RJ45 LAN Connecter (Giga LAN)
RS485 Connecter	2x2 Dry Contact I/O(2 Ports)
RF Antenna	RSMA_ External Antenna Port X1
DALI Connecter	2x2 Dry Contact I/O(1 bus in/out)

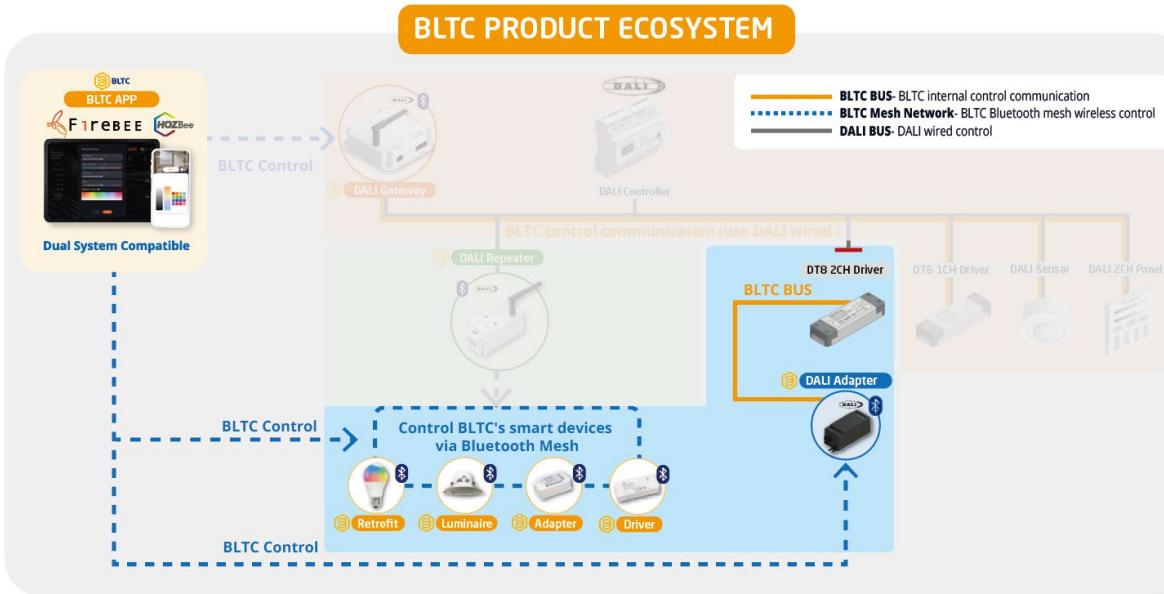


# 2-in-1 Dual Adapter ( 0-10V&DALI)

UNDER  
DEVELOPMENT

## Feature:

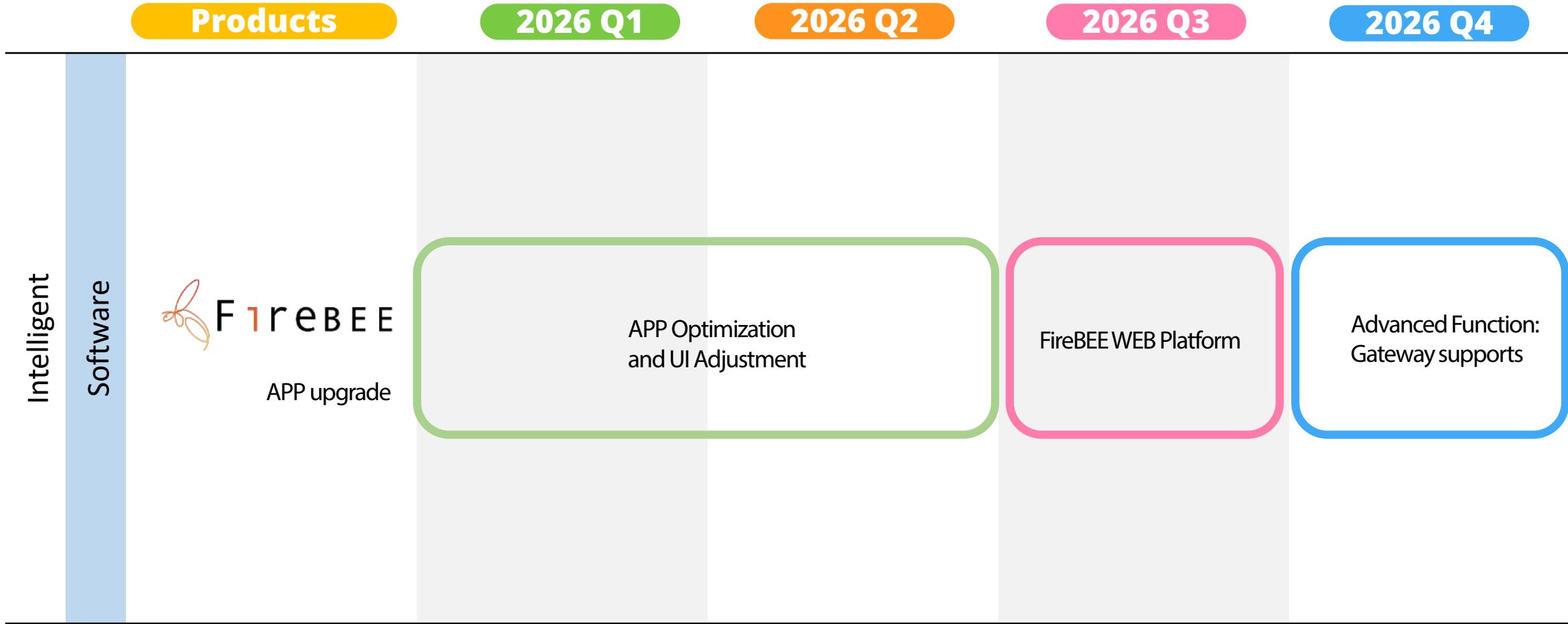
- A Bluetooth controllable, enabled 2-channel **0-10V&DALI** controller. The product can be configured to different operation modes has a universal 100-277 VAC input voltage range.
- The product can control one or two 0-10V controllable LED drivers, or work with a tunable white LED driver with two 0-10V control interfaces.
- It can also be configured into a DALI mode where it can be connected to both type of DALI LED drivers, 1CH DT6 and 2CH DT8.
- It can be controlled by Hozbee and Firebee App, which can be downloaded free from Apple App Store and Google Play Store.



Input	
Voltage range	100 ~ 277 Vac
Frequency	50/60Hz
Max mains current	35 mA
No-load standby power	<0.5W
Channel 1 output	
Output Voltage, 0-10V	0-10VDC, max. 7mA (sinking)
Output Voltage, DALI	12 VDC, max. 20mA (sourcing)
Maximum number of driver	1 or multiple drivers (0-10V only)
Channel 2 output	
Output Voltage, 0-10V	0-10VDC, max. 7mA (sinking)
Output Voltage, relay control	12 VDC, max. 100mA (sourcing)
Maximum number of driver	1 or multiple drivers (0-10V only)



# BLTC 2025 Intelligent Products Roadmap





# Roadmap

ELITE



# BLTC 2026 Elite Products Roadmap

## New Products

Elite	SPARK MR11	SPARK BR30/BR40	SPARK PAR16	SPARK MR16s	SPARK PAR30/PAR38	SPARK GX53	Slim PAR8/JDR25 GU10/E11	Slim PAR9/JDR30 GU10/E11	Slim PAR11/JDR35 GU10/E11

## 2026 Q1, Q2

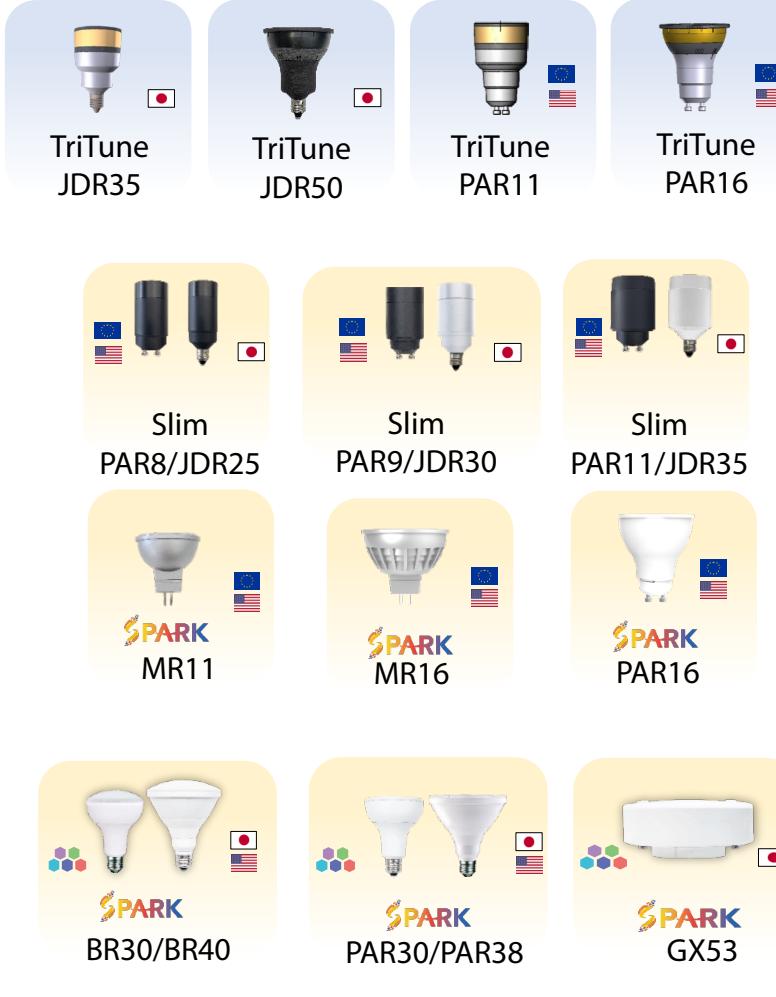
TriTune JDR35 E11	TriTune PAR11 GU10	Slim PAR8/GU10	Slim PAR9/GU10	Slim PAR11/GU10
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## 2026 Q3, Q4



# Specifications of Elite Products

(New Release / Under Develop)



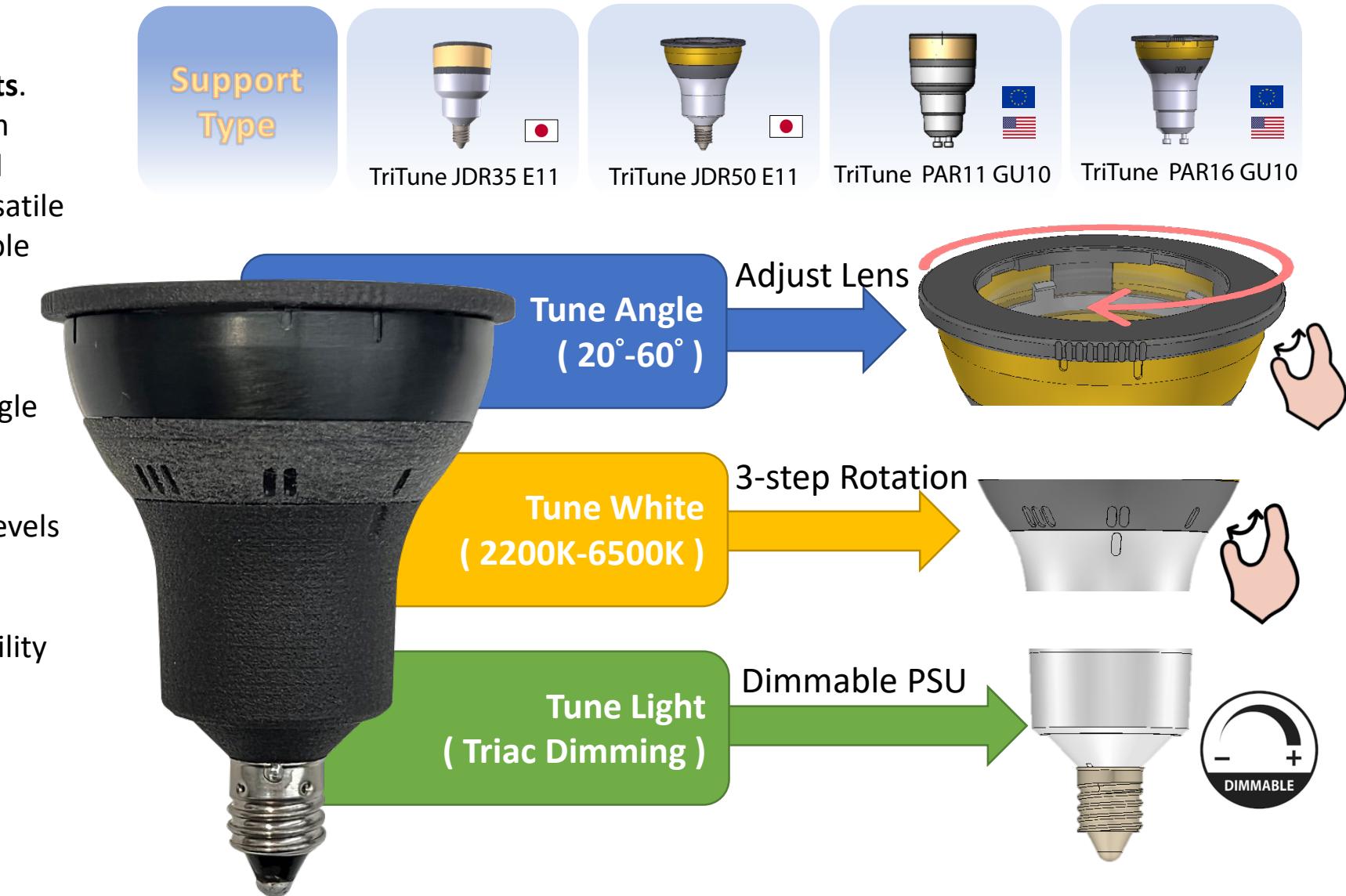
Lamp	Base	Input Vol.	Beam	Lumen	Feature
TriTune JDR35	E11	100V	20° ~ 60°	400 lm	Tune Beam Angle Tune White Color Tune Brightness
TriTune JDR50	E11	100V		500 lm	
TriTune PAR11	GU10	120/240V		400 lm	
TriTune PAR16	Gu10	120/240V		500 lm	
PAR8 / JDR25	GU10/E11	100/120V	40°/60°	300lm	Dimmable
PAR9 / JDR30					
PAR11 / JDR35					
MR11	GU4.0	12V	10°/20°/40°	350lm	
MR16	GU5.3	12V	8°/10°/20° 40°/60° 120°	350lm	
JDR50	E11	100V		500lm	
PAR16	GU10	120/240V		650lm	
PAR30	E26	100-120V	40°/60°	800lm	DIM TO WARM BRIGHT TO DIM NFC TURE WHITE 3STEP TUNABLE WHITE
PAR38				1000lm	
BR30			>100°	800lm	
BR40				1000lm	
GX53	GX53	>120°	500lm	500lm	
GX53				700lm	
GX53				1100lm	



# Overview of BLTC TriTune Range

## Feature:

- **One Lamp. Three Adjustments.**  
TriTune Series combines beam angle, color temperature, and dimming control into one versatile LED lamp—designed for flexible lighting applications without complex systems.
- Manually adjustable beam angle 20°–60°
- Three adjustable white light levels 2200K / 4000K / 6500K
- High Triac dimming Compatibility
- Tool-free, intuitive operation
- Reduces SKU and inventory complexity





# Overview of BLTC Spark Range



## Feature:

- Versatile Options:** 5 functions can be used by specific SPARK lamp series. (PS. Selects one of 5 functions works for spark models, not supports multiple functions in once)
  1. TRUE White & CCT Selectable Via NFC
  2. Dim to Warm
  3. TRIAC Dimming
  4. Bright to Warm
  5. Tri-CCT by Switch
- Customizable Features:** Chooses the combination of lamp type and function that best suits your application.
- Flexible Control:** Supports various control methods including NFC programming, TRIAC dimming, and 3step switch dimming
- Enhanced Lighting Experience:** Options like Dim to Warm and Bright to Warm deliver dynamic ambiance adjustments for residential and commercial spaces.



# TRUE White & CCT Selectable Via NFC

NEW

TRUE WHITE &  
CCT SELECTABLE  
VIA NFC



SERIES

This function is available for  
the following BLTC models:



**GX53**



**PAR30**



**PAR38**



**BR30**



**BR40**

## Feature:

- Full spectrum solution
- 98 CRI typical, R1-R15 >90, high Rf and Rg values
- CCT (2700-6500K) can be determined through NFC technology via BLTC APP
- Engineered spectrum to closely match natural light
- Perfect dimming curve



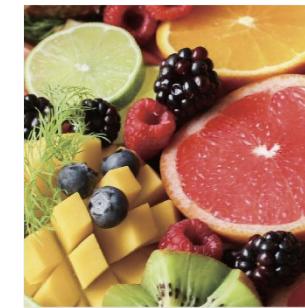
1 Select tools " Spark" Mode in APP.



2 Set the CCT value in Spark mode and then scan via NFC.

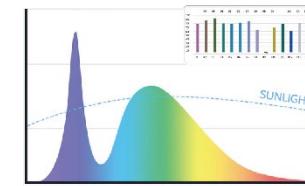


General CRI 95



VS

Full spectrum CRI 98





# Bright to Warm

NEW

## BRIGHT TO WARM

SERIES



This function is available for the following BLTC models:



**GX53**



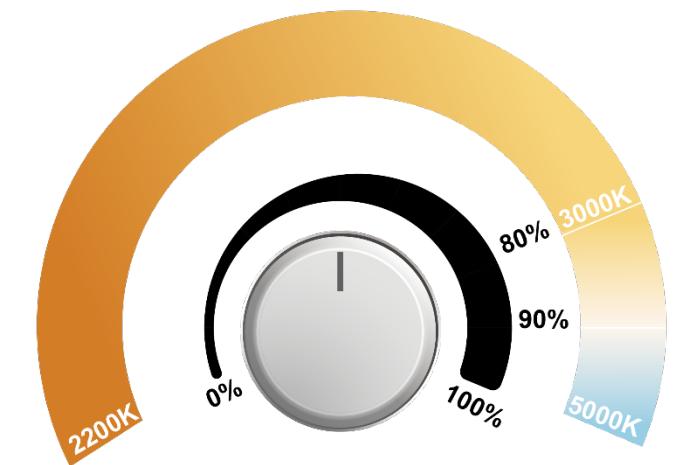
**PAR30**



**PAR38** **BR30** **BR40**

### Feature:

- Full range dim-warm product
- Full power range for Neutral White (5000K)
- 80-90% power range for Warm White (3000K)
- Below 80% power range for 3000K to 2200K





# Dim to Warm

NEW

## DIM TO WARM

SERIES



This function is available for the following BLTC models:



**GX53**



**A11**



**JDR50**



**PAR30**



**PAR38**



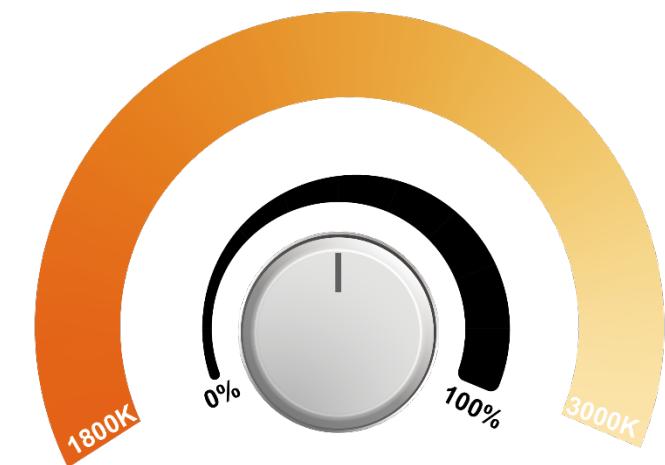
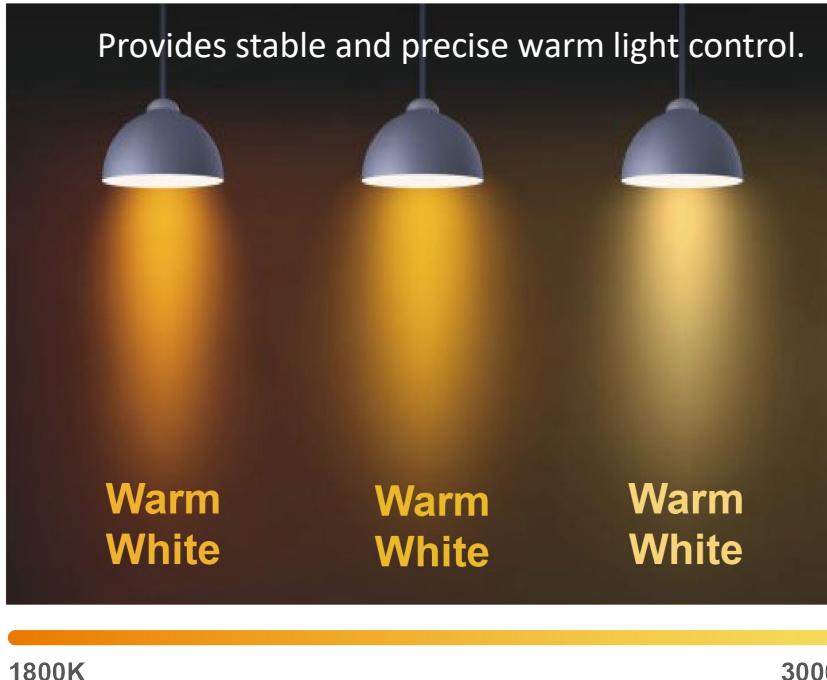
**BR30**



**BR40**

## Feature:

- Perfect dimming curve
- Offer possibility of creating warm-dim scene
- 1800 – 3000K CCT range





# Tri-CCT by Switch

NEW



This function is available for the following BLTC models:



**GX53**



**PAR30**



**PAR38**



**BR30**



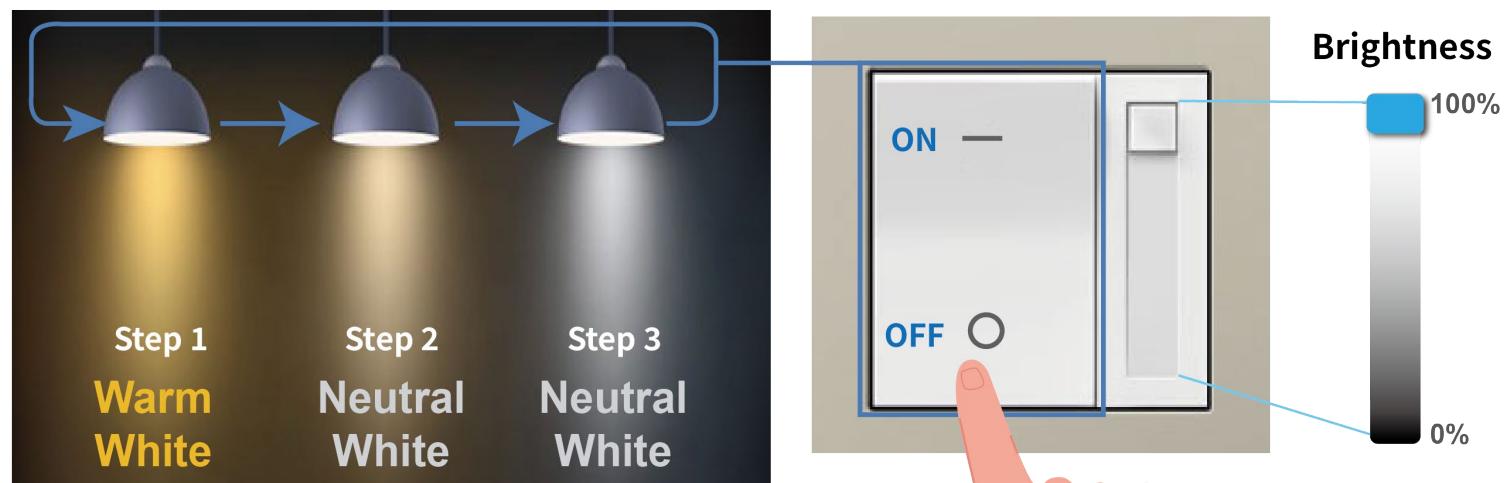
**BR40**

## Feature:

- Perfect dimming curve
- Wall switch to select 2700/4000/5000K
- Best lumen output
- >90 CRI



## Power Cycle





# TRIAC Dimming

NEW



This function is available for the following BLTC models:



GX53



MR16/11



JDR50



A11



PAR30



PAR38



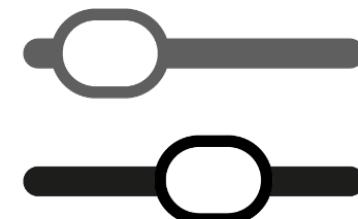
BR30



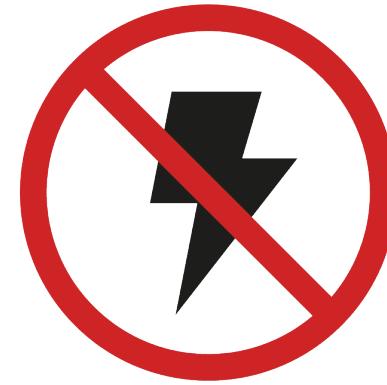
BR40

## Feature:

- Perfect Dimmer Compatibility
- Smooth dimming
- No flicker
- No noise



Smooth Dimming



No Flicker



No Noise



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THANK YOU