



2026

Product Roadmap

BEAUTIFUL LIGHT TECHNOLOGY CORP.



Roadmap

INTELLIGENT




BLTC 2026 **Intelligent** Products Roadmap

New Products

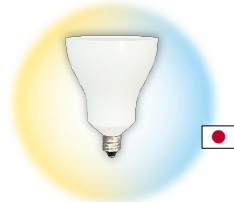
2026 Q1, Q2

2026 Q3, Q4

Intelligent 
Lamp / Luminaire



PAR16 GU10



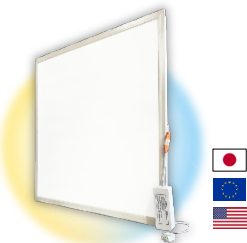
JDR50 E11



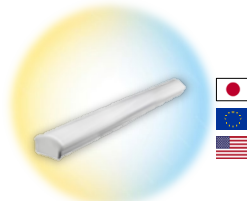
BR30/BR40



PAR30/PAR38



Panel Light



Liner Light



GX53



A60/A70



 **Minibee**
PAR16 GU10



Specifications of Intelligent Products

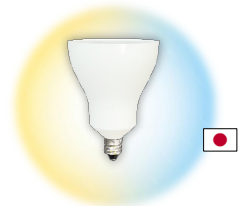
(New Release / Under Develop)



PAR16 GU10



Minibee
PAR16 GU10



JDR50 E11



PAR30/PAR38



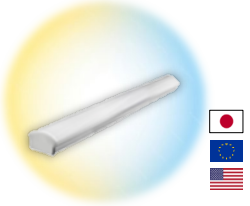
BR30/BR40



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		
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 × Channel configuration can be tailored per project.



BLTC 2026 Intelligent Products Roadmap

New Products

2026 Q1, Q2

2026 Q3, Q4

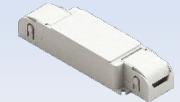
Driver



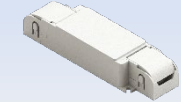
NFC LED Driver
12W/25W



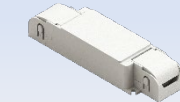
NFC LED Driver
40W/60W



DIP SWITCH
LED Driver 12W



DIP SWITCH
LED Driver 25W



DIP SWITCH
LED Driver 40W



DIP SWITCH
LED Driver 60W



Intelligent

Accessories



118 Type Wall Switch



86 Type Wall Switch

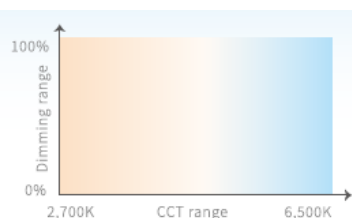


DIP SWITCH LED Driver

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.



 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.

 Configuration
- QUICK

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

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

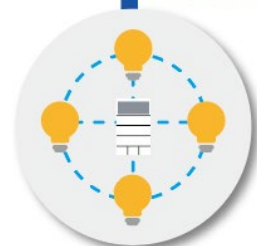


Simple Install
and Setup



Portable
Controller

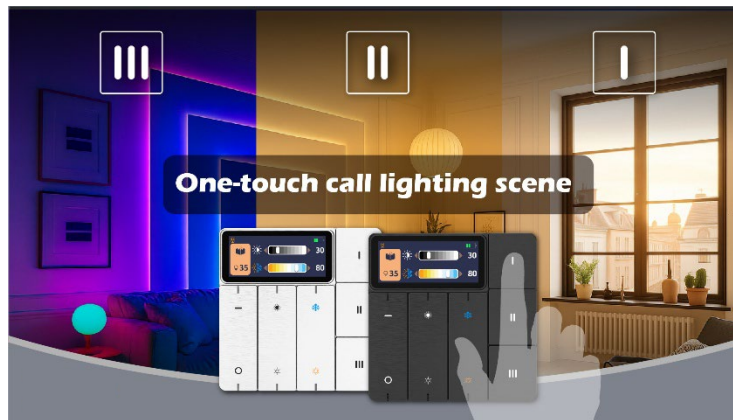
2 Operation System/Mode



Fast Grouping -
APP free(Basic)



APP Mode
(Advanced)



Even if the panel buttons not work,
the wall switch can operate normally.



App-Free Pairing, Group Lighting Control





TRIAC Dimmer

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.



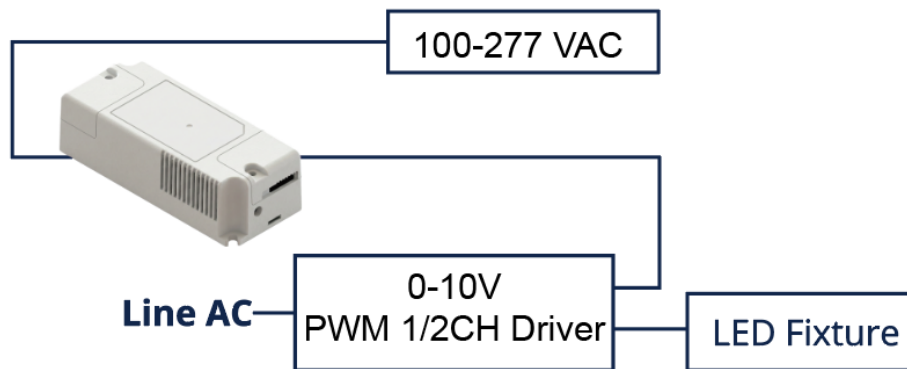
Input	
Voltage	100 ~ 277 VAC
Frequency	50/60Hz
Max mains current	1.0 A
No-load standby power	<0.3W
Output	
Dimming method	trailing-edge phase control
Max. output power	240 W @ 240 VAC
Min. load requirement	1W
Max. load inrush current	10A, 100 ms
Max. output current	1.0 A



PWM Adapter

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.



UNDER DEVELOPMENT

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)

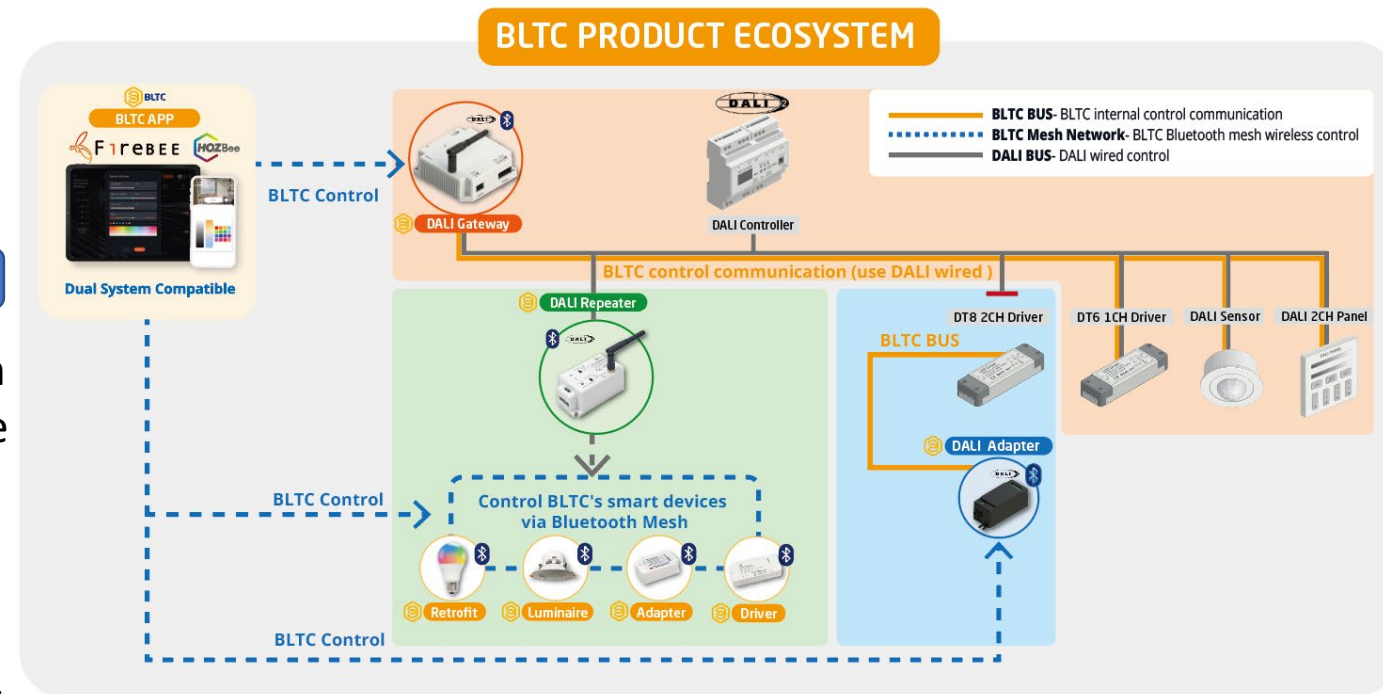


UNDER DEVELOPMENT



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

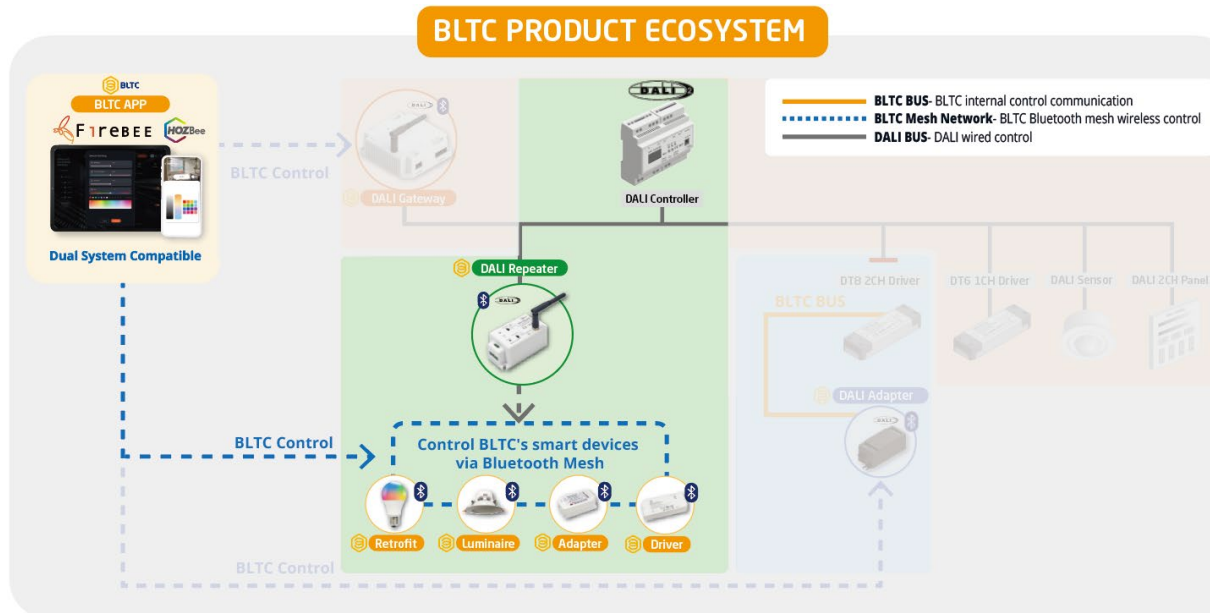
Expandable to support
16V power output



BLIREBA-W001HEXT

DIN-rail mount

DALI bus power supply
needs to be installed.



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

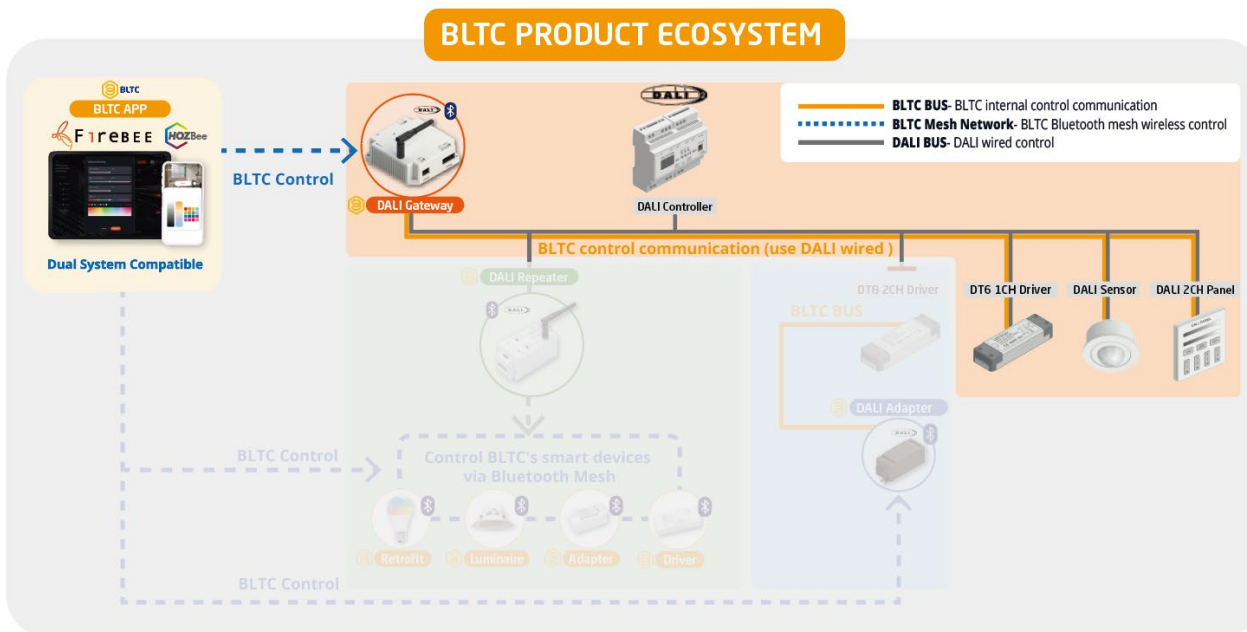


DALI Gateway

UNDER DEVELOPMENT

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 Connector	RJ45 LAN Connector (Giga LAN)
RS485 Connector	2x2 Dry Contact I/O(2 Ports)
RF Antenna	RSMA_ External Antenna Port X1
DALI Connector	2x2 Dry Contact I/O(1 bus in/out)

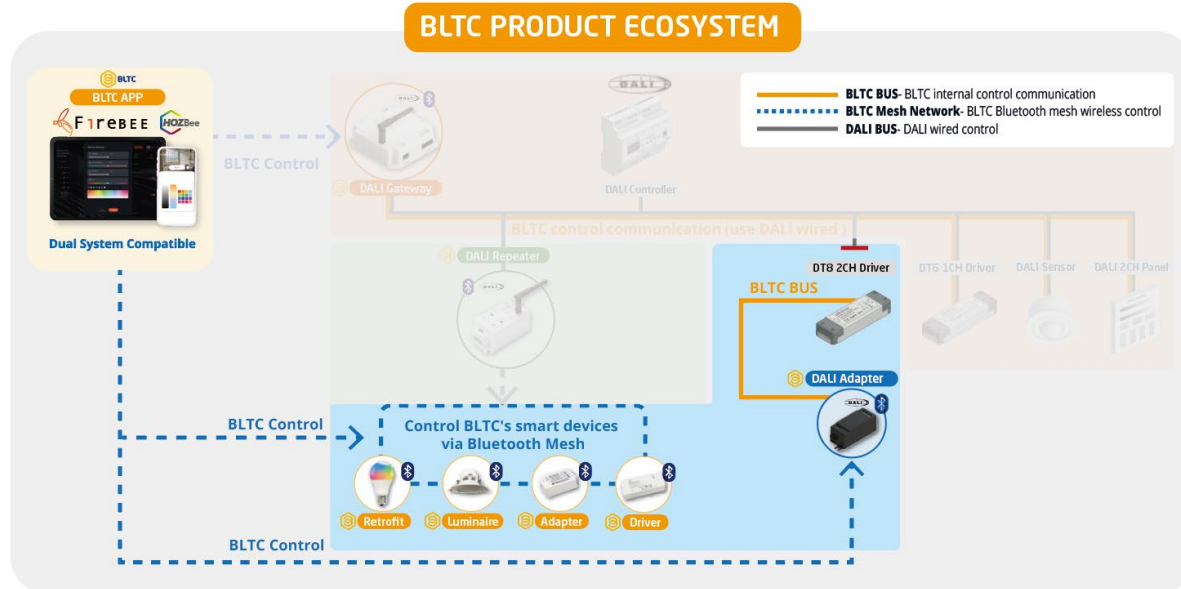


2-in-1 Dual Adapter (0-10V&DALI)

UNDER DEVELOPMENT

Feature:

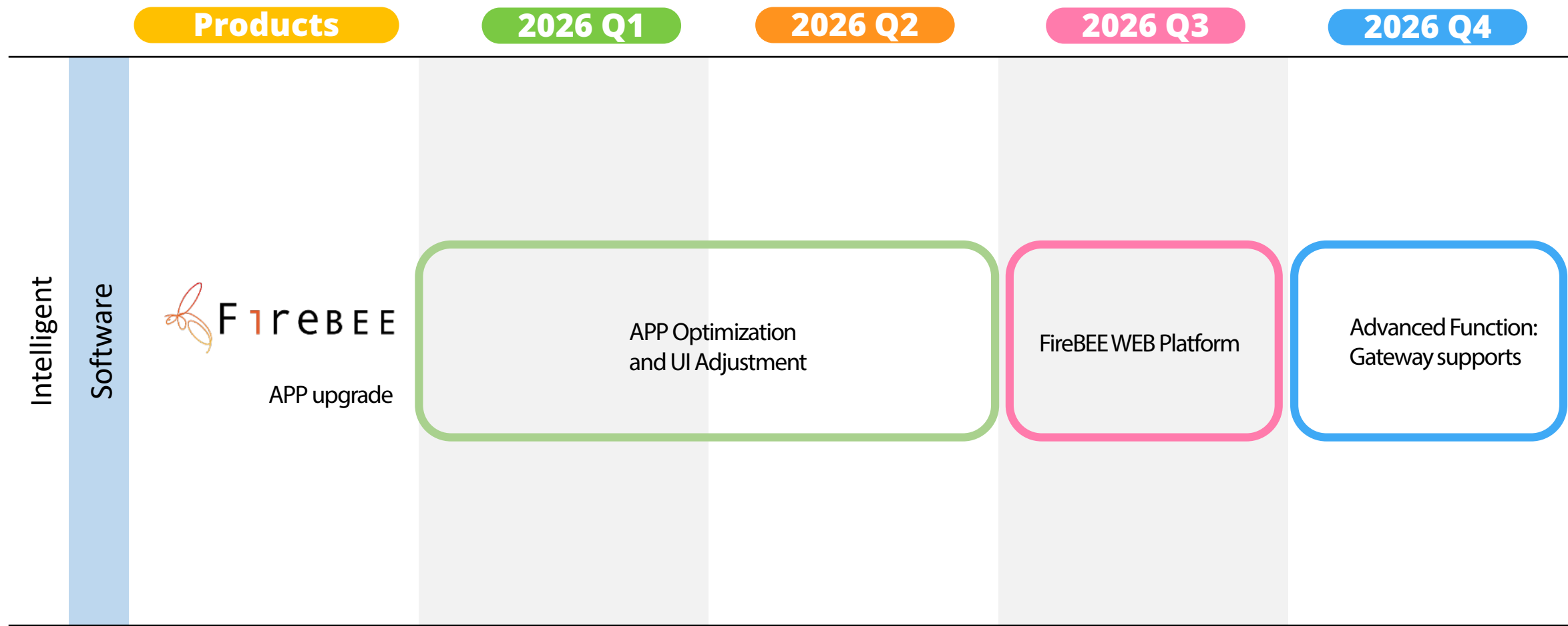
- A Bluetooth controllable, enabled 2-channel **0-10V&DALI** controller. The product can be configured to different operation modes has a universal 100-277 VAC input voltage range.
- The product can control one or two 0-10V controllable LED drivers, or work with a tunable white LED driver with two 0-10V 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

2026 Q1, Q2

2026 Q3, Q4

Elite



SPARK
MR11



SPARK
BR30/BR40



SPARK
PAR16



SPARK
MR16s



SPARK
PAR30/PAR38



SPARK
GX53



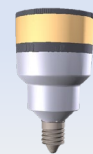
Slim
PAR8/JDR25
GU10/E11



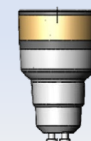
Slim
PAR9/JDR30
GU10/E11



Slim
PAR11/JDR35
GU10/E11



TriTune JDR35 E11



TriTune PAR11 GU10



TriTune JDR50 E11



TriTune PAR16 GU10



Slim
PAR8/ GU10



Slim
PAR9/GU10



Slim
PAR11/GU10





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 800lm	
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	
GX53				700lm	
GX53				1100lm	



Overview of BLTC TriTune Range

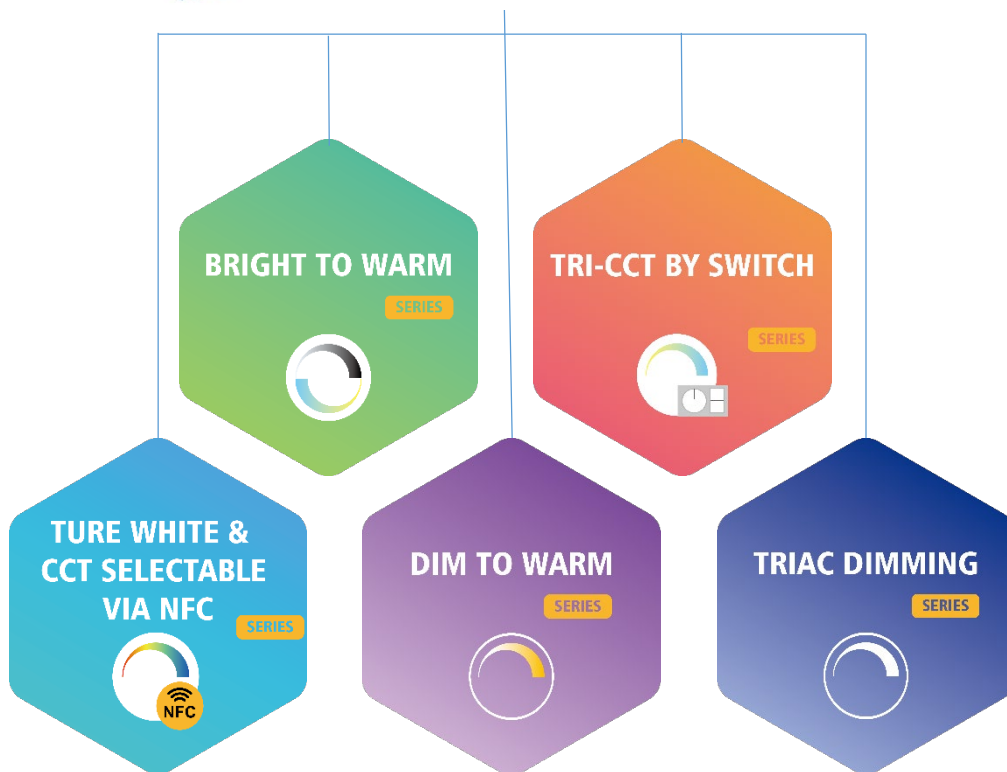
Feature:

- **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



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



This function is available for the following BLTC models:



1 Select tools "Spark" Mode in APP.



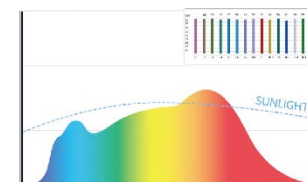
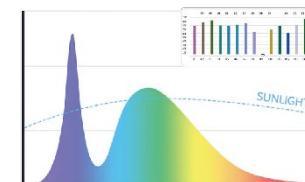
2 Set the CCT value in Spark mode and then scan via NFC.



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:

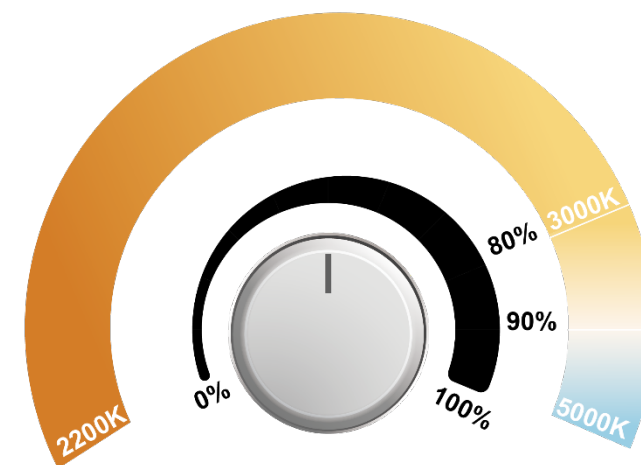
- Full range dim-warm product
- Full power range for Neutral White (5000K)
- 80-90% power range for Warm White (3000K)
- Below 80% power range for 3000K to 2200K



2200K

3000K

5000K





Dim to Warm

NEW

DIM TO WARM

SERIES



This function is available for the following BLTC models:



GX53



A11



JDR50



PAR30



PAR38



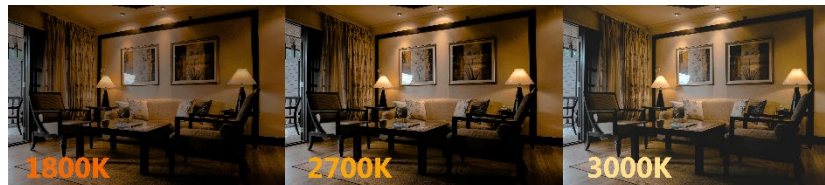
BR30



BR40

Feature:

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

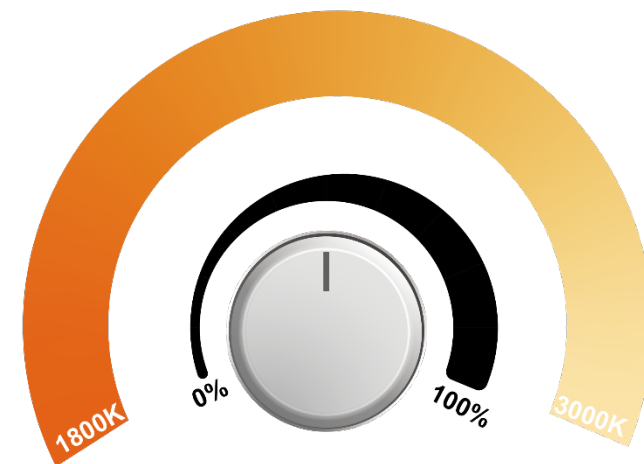


Provides stable and precise warm light control.



1800K

3000K





Tri-CCT by Switch

NEW

TRI-CCT BY SWITCH



SERIES

Feature:

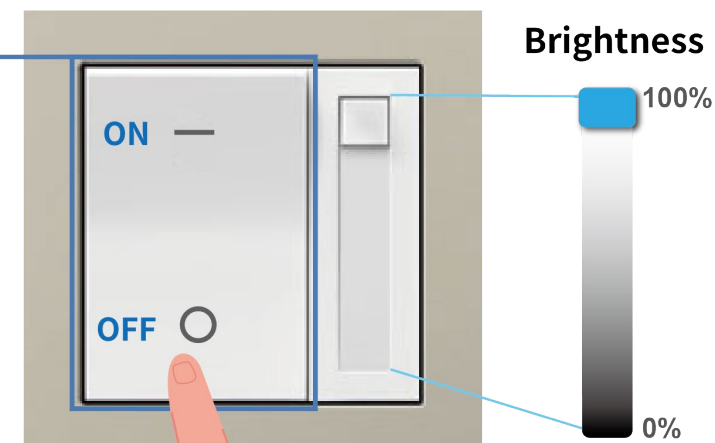
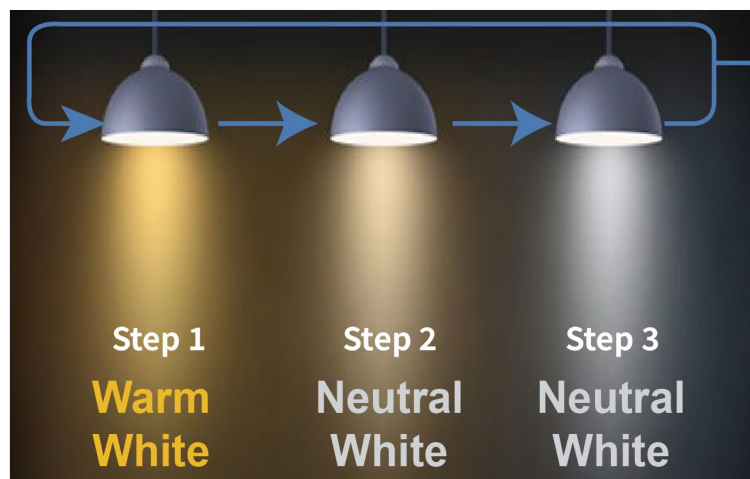
- Perfect dimming curve
- Wall switch to select 2700/4000/5000K
- Best lumen output
- >90 CRI



This function is available for the following BLTC models:



Power Cycle





TRIAC Dimming

NEW



Feature:

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

This function is available for the following BLTC models:



GX53



MR16/11



JDR50



A11



PAR30



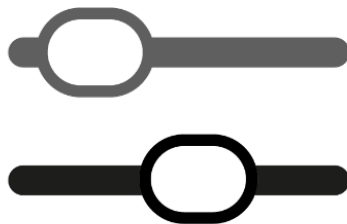
PAR38



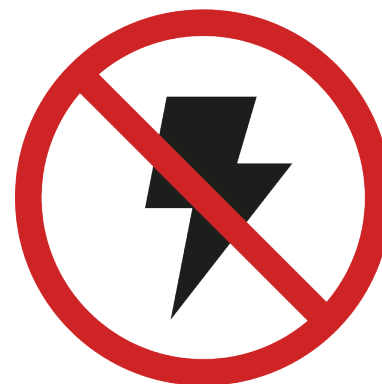
BR30



BR40



Smooth Dimming



No Flicker



No Noise



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THANK YOU