



LinkCom[®]
LinkCom Manufacturing Co., Ltd

INCORE
by LinkCom

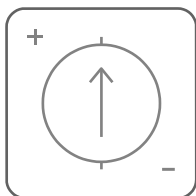
A New Brand with a Quality Pedigree

Introducing the INCORE™ line of high-performance LED power modules from LinkCom. INCORE modules are designed and manufactured to respond to the needs of the lighting industry for reliable, cost-effective solutions to the growing demands of LED illumination systems in commercial and industrial environments.



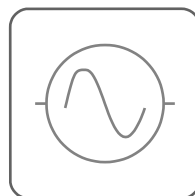
Utilizing LinkCom's quarter century of engineering and manufacturing expertise, INCORE LED Power Modules are built from the ground up to deliver exceptional performance and value. The unique combination of performance features, design capabilities, intellectual property protection and warranty places INCORE Power Modules head and shoulders above the competition.

INCORE Power Modules take maximum advantage of LinkCom's in-house magnetics design and manufacturing, electronic component sourcing and quality assurance process to deliver the industry's most reliable LED power supplies.



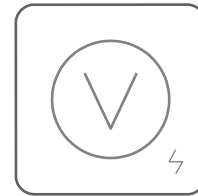
CONSTANT CURRENT

5-300W
Built-in PFC
THD < 20%
Flicker meets CA Title 24
High Efficiency
IP-67
UL recognized 5-year warranty



DIMMABLE

25-300W
0-10V Dimmable
Built-in PFC
THD < 20%
Flicker meets CA Title 24
High Efficiency
High Operating Temp.
IP-67
UL recognized 5-year warranty



CONSTANT VOLTAGE

30-300W
Built-in PFC
THD < 20%
Flicker meets CA Title 24
High Operating Temp.
IP-67
UL recognized 5-year warranty

PRODUCT LINE-UP

CONSTANT CURRENT LED DRIVER

Wattage	Series	Input Voltage	Output			IP	Case	Dimension (LxWxH)mm
			Current	Voltage	Channel			
5W	BPHE	100-240VAC	0.2-0.7A	3-25Vdc	Single	67	Plastic	66.8x35.2x24.2
10W	BPHE	100-240VAC	0.2-0.8A	3-48Vdc	Single	67	Plastic	97.5x40x30.5
15W	LCCE	100-277VAC	0.5-1.4A	5-48Vdc	Single	67	Plastic	95x40x25
25W	LCCE	100-277VAC	0.7-1.2A	15-36Vdc	Single	67	Plastic	134x42x33.1
45W	LCCE	100-277VAC	0.95-3A	12-48Vdc	Single	67	Plastic	163x47x31.6
75W	LCCEA	100-277VAC	1.4-3.2A	15-54Vdc	Single	67	Metal	232x46.5x31
96W	LCCEA	100-277VAC	1.8-4A	15-54Vdc	Single	67	Metal	232x46.5x31
100W	LCCH	100-277VAC	2.1-8.4A	8-48Vdc	Single	67	Metal	208.4x72x38.5
120W	LCCH	100-277VAC	2.5-9.6A	8.5-48Vdc	Single	67	Metal	208.4x72x38.5
150W	LCCH	100-277VAC	3.2-6.3A	18-48Vdc	Single	67	Metal	208.4x72x38.5
200W	LCCH	100-277VAC	4.2-16A	8-48Vdc	Single	67	Metal	246.2x74x43.55
300W	LCCH	100-277VAC	6.25-12.5A	18-48Vdc	Single	67	Metal	274.2x90x43.8

CONSTANT VOLTAGE LED DRIVER

Wattage	Series	Input Voltage	Output			IP	Case	Dimension (LxWxH)mm
			Current	Voltage	Channel			
30W	LCVE	100-277VAC	1.25-2.5A	12-24Vdc	Single	67	Plastic	134x42x33.1
60W	LCVE	100-277VAC	2.5-5A	12-24Vdc	Single	67	Metal	170x53x32
75W	LCVEA	100-277VAC	1.4-3.2A	24-54Vdc	Single	67	Metal	232x46.5x31
80W	LCVH	100-277VAC	1.7-10A	8-48Vdc	Single	67	Metal	208.4x72x38.5
100W	LCVEA	100-277VAC	1.8-4A	24-54Vdc	Single	67	Plastic	232x45.5x31
100W	LCVH	100-277VAC	2.1-8.4A	12-48Vdc	Single	67	Metal	208.4x72x38.5
120W	LCVH	100-277VAC	2.5-9.6A	12-48Vdc	Single	67	Metal	208.4x72x38.5
150W	LCVH	100-277VAC	3.2-12.5A	12-48Vdc	Single	67	Metal	208.4x72x38.5
200W	LCVH	100-277VAC	4.2-16A	12-48Vdc	Single	67	Metal	246.4x74x43.55
300W	LCVH	100-277VAC	6.25-12.5A	12-48Vdc	Single	67	Metal	274.2x90x43.8

DIMMABLE LED DRIVER

Wattage	Series	Input Voltage	Output			Dimming Type	IP	Case	Dimension (LxWxH)mm
			Current	Voltage	Channel				
3W	TRI	100-277VAC	0.315A	5.5-10Vdc	Single	Triac/ELV	67	Plastic	ø34x27.5
5.25W	TRI	100-277VAC	350mA	6-15Vdc	Single	Triac & 0-10V	67	Metal	93.1x39.5x25.0
5.4W	TRI	100-277VAC	150mA	26-36Vdc	Single	Triac & 0-10V	67	Metal	93.1x39.5x25.0
9W	TRI	100-277VAC	250mA	18-36Vdc	Single	Triac & 0-10V	67	Metal	93.1x39.5x25.0
10.5W	TRI	100-277VAC	700mA	6-15Vdc	Single	Triac & 0-10V	67	Metal	93.1x39.5x25.0
12.6W	TRI	100-277VAC	350mA	18-36Vdc	Single	Triac & 0-10V	67	Metal	93.1x39.5x25.0
25W	DBFE	100-277VAC	0.5-2.1A	9-54Vdc	Single	0-10V	67	Plastic	134x42x33.1
40W	DBFE	100-277VAC	0.35-0.7A	30-120Vdc	Single	0-10V	67	Plastic	95x70x32
45W	DBFE	100-277VAC	1.75-1.9A	14-24Vdc	Single	0-10V	67	Plastic	163x47x31.6
60W	DBFE	100-277VAC	1.3-4.3A	19-48Vdc	Single	0-10V	67	Plastic	158x58x39.4
75W	DBFE	100-277VAC	1.4-3.2A	15-54Vdc	Single	0-10V	67	Plastic	232x46.5x31
100W	DBFE	100-277VAC	1.8-4A	15-54Vdc	Single	0-10V	67	Metal	232x46.5x31
200W	DBFE	100-277VAC	4.2-16A	8-48Vdc	Single	0-10V	67	Metal	246.4x74x43.55
300W	DBFE	100-277VAC	6.25-12.5A	16-48Vdc	Single	0-10V	67	Metal	274.2x90x43.8

BLE Intelligent Lighting Control Solutions

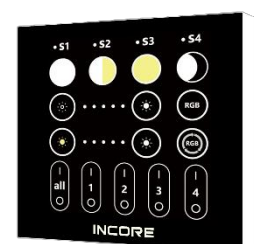
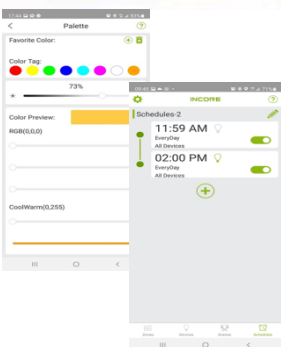
LinkCom's INCORE BLE Mesh Network solution gives LED lighting value to enter into the wireless control world. It inspires your vision and another way of thinking. Users can turn their lights on and off or switch color through BLE mesh wireless system.

INCORE BLE Mesh Network solution is compatible with Bluetooth 4.2 for wider and faster connection. It provides a simple, fast and cost-effective way to turn general LED fixtures into wireless controllable luminaries which applied in intelligent lamp control, smart home, consumer electronic or industrial control.



Just a little change with compact size, it is an easy way creating your own gardening style.

We let the smart lights sync with music on your phone. Simply turn on music features on the app and play your favorite songs that can be used to suit any mood or situation or even turn your room into a party-mode.



INCORE2 APP, Remote Control, or Wall switch can control the light as well.



BLE MESH

Lighting Control Module

General Description

Incore BMI-05A-00 and BME-05A-00 BLE Mesh Lighting Control Modules are developed based on Bluetooth Low Energy 4.2 standard and Mesh Networking, for applications including wireless lighting control, smart home, consumer electronics, industrial wireless control, etc.

Features

- FCC, NCC certified
- Max data rate: 1Mbps
- Frequency Band: 2402MHz ~ 2480MHz
- RF Tx Power: 8dBm Max
- RF Rx Sensitivity: ≤ -92 dBm
- Antenna:
 - PCB (BMI-05A-00)
 - I-PEX (BME-05A-00)
- Internal Storage: 512KB
- Operation Range: 60M (open air)
- Operating Temp.: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Power consumption: 30mA(Max)
- Transmitter mode current: 30mA(Max)
- Suspend mode current: ≤ 20 uA
- Deep sleep mode current: ≤ 0.7 uA
- Supply voltage range: 1.9V ~ 3.6V
- Interface:
 - 5-channel PWM
 - 1 set of UART
 - 1 set of I2C
 - 1 set of SPI
 - 1 set of USB

Application

- Home/Building automation
- Smart lighting control system
- Wireless A/C control
- Industrial control
- Wearable devices
- Low energy wireless sensor





BLE MESH

Gateway Module

General Description

IncCore BMI-GWA-00 and BME-GWA-00 BLE Mesh Gateway Modules are developed based on Bluetooth Low Energy 4.2 standard and Mesh Networking, for applications including wireless lighting control, smart home, consumer electronics, industrial wireless control, etc.

Features

- FCC, NCC certified
- Max data rate: 1Mbps
- Frequency Band: 2402MHz ~ 2480MHz
- RF Tx Power: 8dBm Max
- RF Rx Sensitivity: ≤ -92 dBm
- Antenna:
 - PCB (BMI-GWA-00)
 - I-PEX (BME-GWA-00)
- Operation Range: 60M (open air)
- Operating Temp.: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Power consumption: 30mA(Max)
- Transmitter mode current: 30mA(Max)
- Suspend mode current: ≤ 20 uA
- Deep sleep mode current: ≤ 0.7 uA
- Supply voltage range: 1.9V ~ 3.6V
- Interface: 1 of UART external communication pin

Application

- Home/Building automation
- Smart lighting control system
- Wireless A/C control
- Industrial control
- Wearable devices
- Low energy wireless sensor





Suitable Application  

Control Interface	BLE Mesh
Power	11W
Input	100-240VAC 50/60Hz
Output	28-38VDC/300mA
Efficiency (Typ.)	65%
Power Factor(Typ.)	0.98
Safety	meet UL8750
EMC Compliance	meet FCC Part 15B
Dimension (LxWxH)	84x43.5x23mm





BLE Mesh

Stand Alone CCT Dimmer

Suitable Application



Control Interface	BLE Mesh
Power Load	100W Max
Input Voltage	100-277VAC
Output Channel	2-channel / 0-10V
Safety Compliance	meet UL60730
EMC Compliance	FCC Part 15B, Part 15C
FCC ID	2AOC5LCBTMDXX
Dimension (LxWxH)	115x43x29mm



One Button ON/OFF!

BLE MESH

Stand Alone Remote

Control Interface	BLE Mesh
Group Control	4 Groups
Dimming	10%~100%
CCT Control	2700K~6500K(per luminaire)
Default Scenes	Warm, Cool, Natural, Night
Custom Scenes	Setup on INCORE2 APP
Compatibility	INCORE BLE Mesh Device
Battery	AAA x 2



BLE MESH

PIR Motion Sensor

Control Interface	BLE Mesh
Input Voltage	80~305VAC
Detection Distance	7M(MAX)
Detection Angle	100°
Group Control	4Groups
OFF Delay Time	30s、1m、2m、5m
ON Brightness	70%、80%、90%、100%
OFF Brightness	0%、10%、20%、30%
Compatibility	INCORE BLE Mesh Device
Dimension	90 x 101 x 34mm





LinkCom®



INCORE **UMCOW**®
成為世界有熱情、企圖心、創意的共享平台
by LinkCom Create Your Way

“一起打造非凡的幸福企業”

成為世界有熱情、企圖心、創意的共享平台

“一起打造非凡的幸福企業”

To become a sharing platform for the world with enthusiasm, ambition, innovation
Created a happy company.



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