

LED POWER MODULES CATALOG

A History Of Over 30 Years Solid Growth

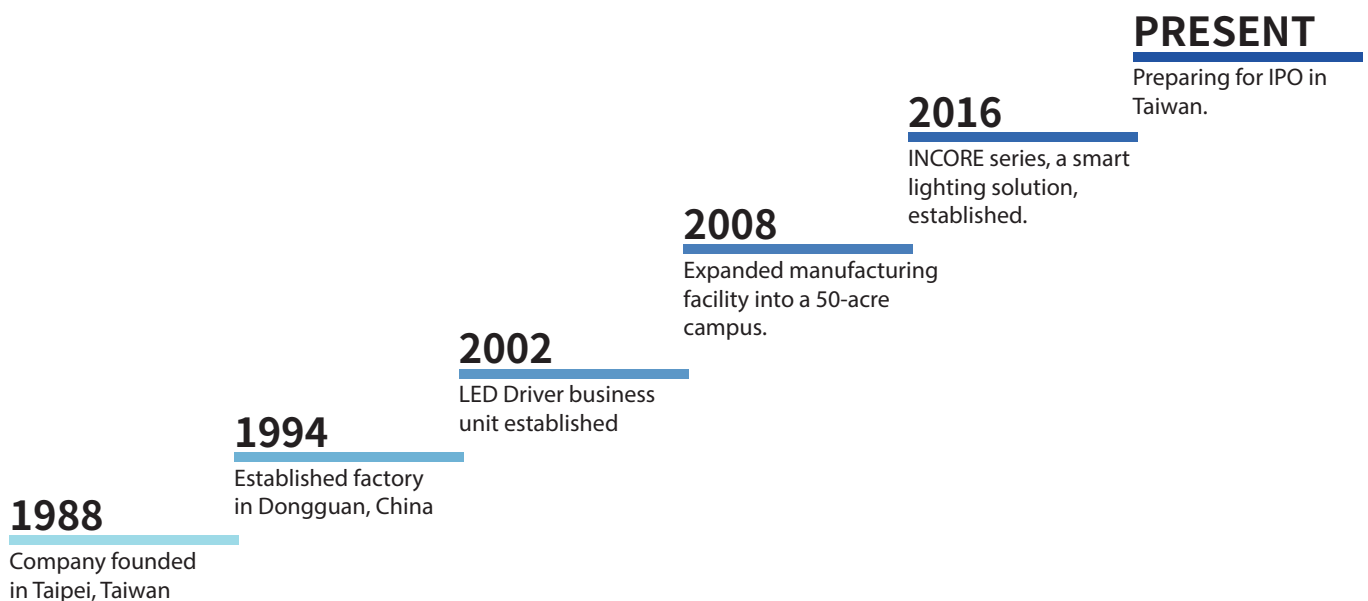
LinkCom is a global source of the highest quality magnetic components and power supplies. Founded in 1988, the company has earned an industry-wide reputation by focusing on producing high-efficiency and high-quality products and customer service.

A decade following the company's founding, LinkCom consolidated its manufacturing facilities into a 50-acre complex in the Dongguan East Technology Industrial Area in central Guangdong province, China. This advanced manufacturing complex features the latest in automatic production equipment and advance RoHS control.



From this centralized location, LinkCom is able to serve the global market, producing and shipping over 200,000 pieces per month.

Company Milestones



Certification

OHSAS 18001



ISO 14001



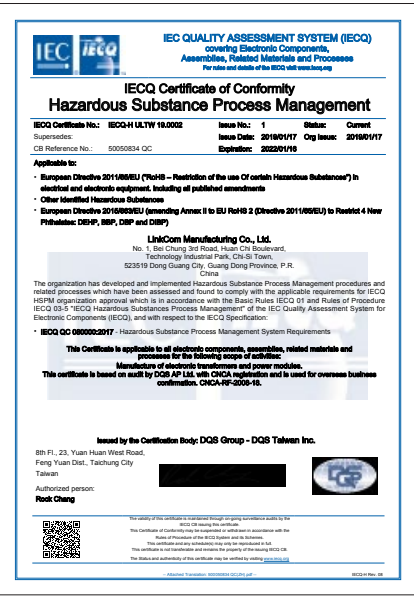
ISO 14064



ISO 9001: 2015



QC080000



IATF 16949: 2016 Letter of Conformance



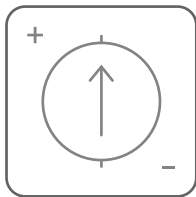
A New Brand with a Quality Pedigree

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.



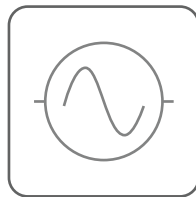
Utilizing LinkCom's quarter century of engineering and manufacturing expertise, INCORE LED Power Modules are built from the ground up to deliver exceptional performance and value. The unique combination of performance features, design capabilities, intellectual property protection and warranty places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



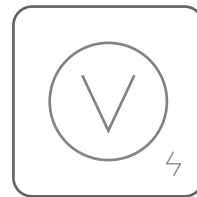
CONSTANT CURRENT

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

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.



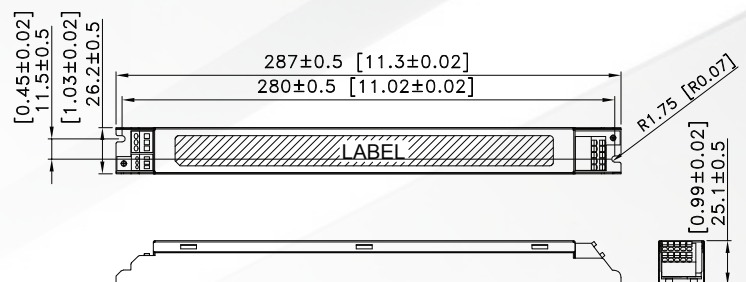
Just a little change with compact size, it is an easy way creating your own gardening style.

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.



Remote Control, Wall switch, or INCORE App can control the light as well.

50W INT Series



FEATURE

- Programmable LED Power Supply
- 2 channel output for Tunable White
- Flicker Free (comply with CA Title 24/IEEE1789/NEMA77)
- UL 8750 Class P / Class 2 Power Supply
- 3 in 1 dimming control (PWM, 0-10V, Resistor)
- Programmable Dimming Curve (Linear/Log)
- Programmable Dim-to-off function
- Optional Auxiliary Output:12V/30mA
- 1% Deep Dimming for Tunable White color temperature control
- FCC Part 15 B
- Application : 2x2/2x4 Troffer, Linear Suspension

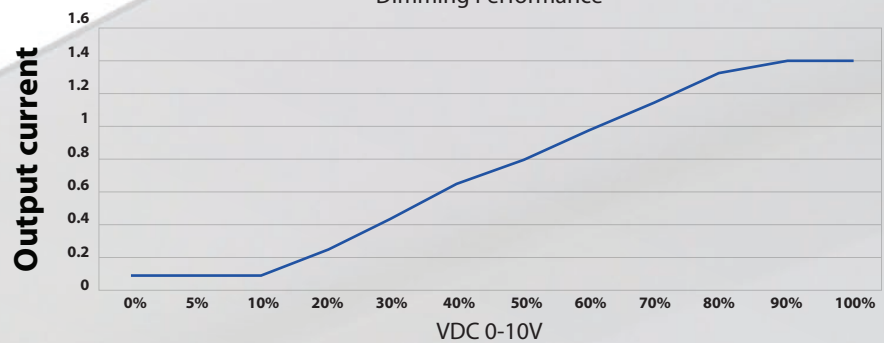
Model	Output Channel	Output Power (W)	Output Voltage (V)	PROGRAMMABLE Output Current (mA)	Efficiency @Full load	
					120VAC	277VAC
INT050U142X1NS	1	50	20-55	700-1400	87.0%	88.0%
INT050U142X2NS	2	50	20-55	700-1400	86.0%	87.0%

Model	Output Current Tolerance	Factor @Full load	T.H.D @Full load	Waterproof
INT050U142X1NS	±5%	0.99	<10%	IP20
INT050U142X2NS	±5%	0.99		IP20

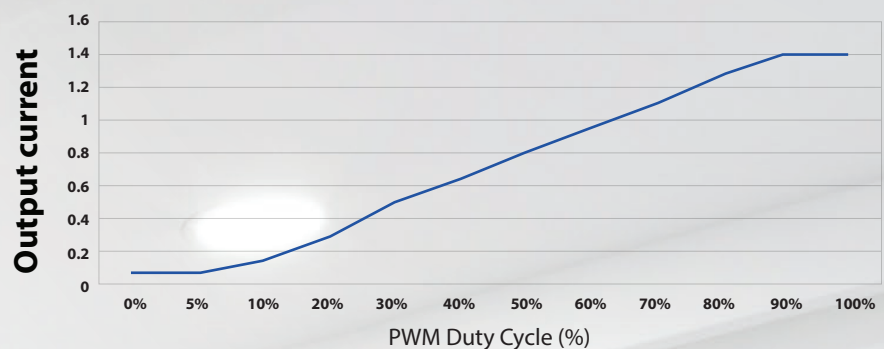
50W INT Series

DC 0-10V Dimming Performance

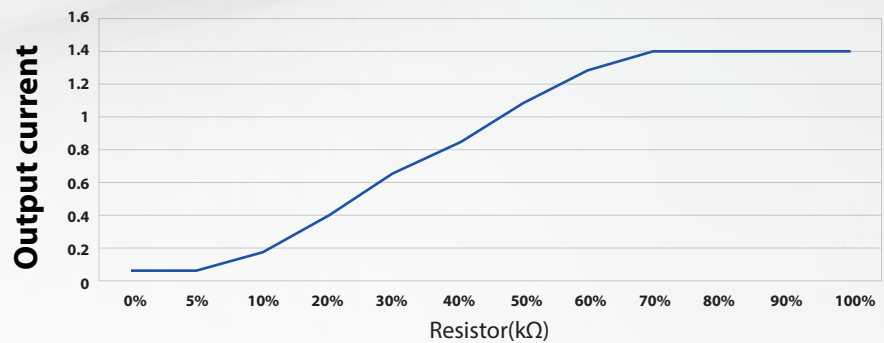
Dimming Performance



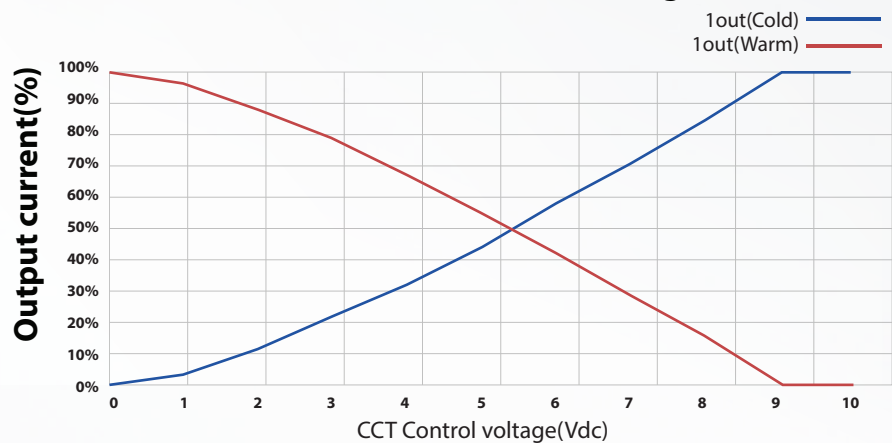
Dimming Performance



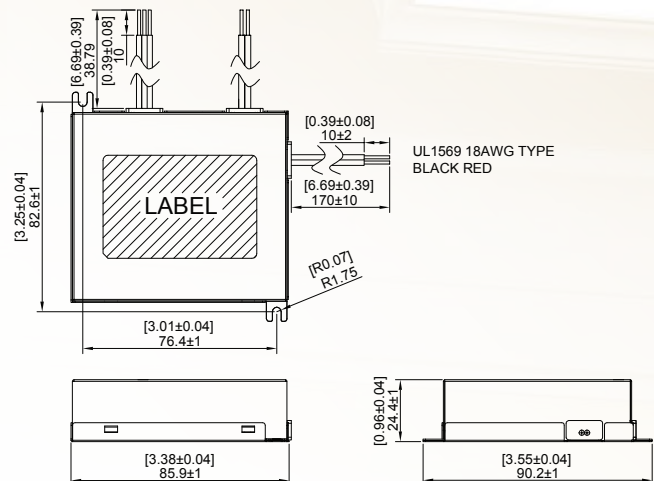
RSET Dimming Performance



120Vac Dimming Performance



20-40W TRI Series



FEATURE

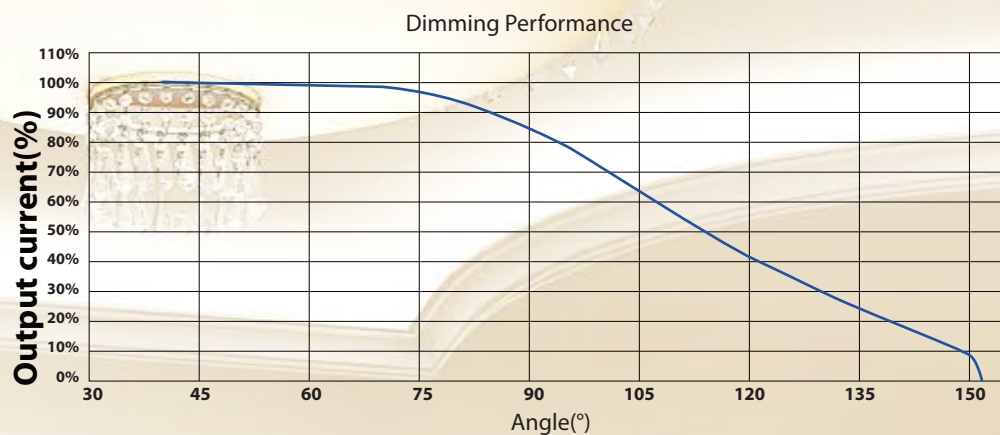
- TRIAC (leading-edge) dimming @ 120VAC
- ELV (trailing-edge) dimming @ 120VAC
- 0-10V dimming @ 120-277VAC
- Flicker Free meet California Title 24
- IP67
- FCC Part 15
- Comply with UL 8750, Class P
- Application : Ceiling Light, Panel Light, Track Light, Downlighting

Model	DC Output Power (W)	DC Output Voltage (V)	Output Current (A)	Output Current Tolerance
TRI030U212CAN0	31.5	9~15	2.1	5%
TRI040U142CAN0	39.2	18~28	1.4	5%
TRI040U112CAN0	37.8	24~36	1.05	5%
TRI040U901CAN0	37.8	28~42	0.9	5%
TRI040U701CAN0	39.2	40~56	0.7	5%

Efficiency (Typ.)				Power Factor (Typ.)			
108VAC	120VAC	230VAC	277VAC	108VAC	120VAC	230VAC	277VAC
81.0%	82.0%	83.0%	82.0%	0.97	0.97	0.93	0.93
82.0%	82.5%	84.0%	84.0%	0.97	0.97	0.93	0.93
83.0%	83.5%	84.0%	84.0%	0.97	0.97	0.93	0.93
83.0%	83.5%	84.0%	84.0%	0.97	0.97	0.93	0.93
84.0%	84.0%	84.0%	84.0%	0.97	0.97	0.93	0.93

20-40W TRI Series

TRIAC Dimming Curve (TRI030U212CAN0)

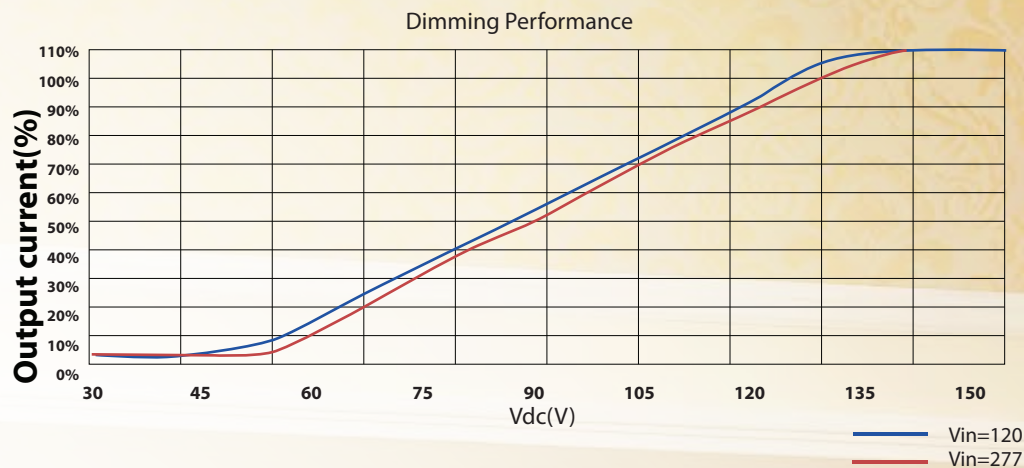


TRIAC Dimmer Compatibility

Manufacturer	Model number
Lutron	S-600P
Lutron	S-603P

* Please make sure LED is connected properly before plug-in.

0-10V Dimming curve (TRI030U212CAN0)



0-10V Dimmer Compatibility

Dimmer Type	Brand	Part Number
0-10V Dimming	Leviton	IP-710
	Lutron	NTSTV-DV
	Wattstopper	ADF-120277-W

AC BLE Mesh Dimmer



INCORE APP
is now available !



FEATURE

- Bluetooth auto pairing
- Built-in dim-to-off function
- Transmission Range: 120m
- High speed communication: <100ms
- Support iBeacon
- Multiple Host
- Remote control and wall switch accessory available
- 2 years limited warranty
- Optional Auxiliary Output : 12V / 200mA
- Compatible with Constant Current LED Power Supply
- 2 channel 0-10V to BLE mesh Smart Bridge
- FCC Part 15
- Compact Size: 115 x 43 x 29mm (4.53" x 1.69" x 1.14")
- Application: Wall Sconce, Panel Light, Track Light, Downlighting

Model	Input Voltage (VAC)	Output Channel	Output Control Interface	Wireless Control Interface	Dimming Range	Color Tuning
CLB1A010UAWEA1	100-277VAC	1	0-10V	Bluetooth MESH	1-100%	Brightness or Dim-to-Warm
CLB2A010UAWEA1	100-277VAC	2	0-10V	Bluetooth MESH	1-100%	Tunable White

DC BLE Mesh Dimmer



FEATURE

- Bluetooth auto pairing
- Built-in dim-to-off function
- Transmission Range: 120m
- High speed communication: <100 ms
- Support iBeacon
- Multiple Host
- Remote control and wall switch accessory available
- 2 years limited warranty
- Compatible with Constant Current LED Power with AUX Bridge
- FCC Part 15
- Compact Size: 66.8 x 35.2 x 24.2mm (2.63" x 1.39" x 0.95")
- Application: Wall Sconce, Panel Light, Track Light, Downlighting

Model	Input Voltage (VAC)	Output Channel	Output Control Interface	Wireless Control Interface	Dimming Range	Color Tuning
CLB1A010UDEWA0	12-30VDC	1	0-10V	Bluetooth MESH	1-100%	Brightness or Dim-to-Warm
CLB2A010UDEWA0	12-30VDC	2	0-10V	Bluetooth MESH	1-100%	Tunable White

BLE Mesh Controller

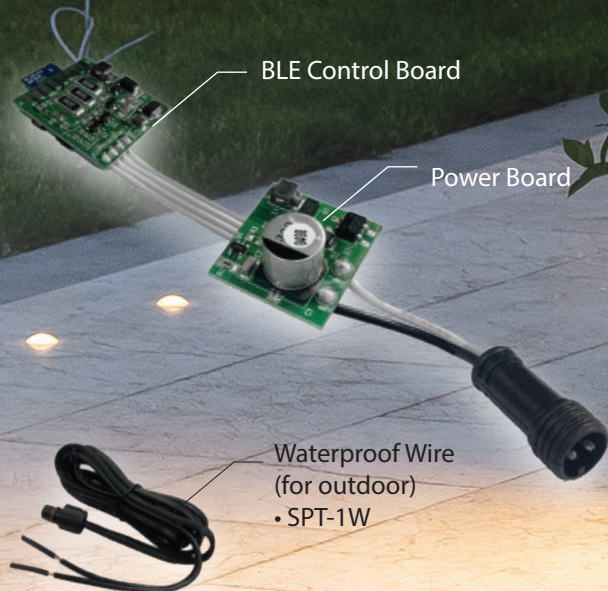


FEATURE

- Bluetooth auto pairing
- Transmission Range: 120m
- High speed communication: <100ms
- Support iBeacon
- Multiple Host
- Remote control and wall switch accessory available
- 2 years limited warranty
- Antenna : Optional
- Compatible with Constant Voltage or
- Constant Voltage & Limited Current LED Power Supply
- Compact Size : 84 x 40 x 25.2mm max (3.3" x 1.57" x 0.99")
- Application: Wall Sconce, Panel Light, Track Light, Downlighting

Model	Input Voltage (VDC)	Input Current	Output Current (A)	Wireless Control Interface	Output Current	Maximum Load	Color Tuning
CLB1C502UDEWA0	10-50VDC	5.1A	1	Bluetooth MESH	5A	250W	Brightness
CLB2C502UDEWA0	10-50VDC	5.1A	2	Bluetooth MESH	5A	250W	Tunable White
CLB3C502UDEWA0	10-50VDC	5.1A	3	Bluetooth MESH	5A	250W	R/G/B
CLB4C502UDEWA0	10-50VDC	5.1A	4	Bluetooth MESH	5A	250W	R/G/B/W or R/G/B/C
CLB5C502UDEWA0	10-50VDC	5.1A	5	Bluetooth MESH	5A	250W	R/G/B/C/W full color Tuning

Low Voltage Input BLE Mesh Controller



FEATURE

- Bluetooth auto pairing
- Transmission Range: 120m
- High speed communication: <100ms
- Multiple Host
- Remote control and wall switch accessory available
- 2 years limited warranty
- Antenna : Optional
- FCC Part 15
- Compact Size: 27 x 27 x 11mm max(1.06" x 1.06" x 0.43")
- Application: Wall Sconce, Uplighting, Flood Light, Path Light, Step Lighting, Deck Lighting, Well Light, Hardscape

Model	Input Voltage (VAC)	Output Channel	Output Current		Output Voltage (VDC)	Output Wattage (W)	Efficient (Typ.)	Antenna
CLB5PW03N6D02A	12-18V	5	Cool Warm	450mA (Share)	5-10V	4.5W(MAX)	72%	2.4GHz Antenna
			Red Green Blue	180mA (Share)				

Low Voltage Input BLE Mesh Controller



FEATURE

- Bluetooth auto pairing
- Transmission Range: 120m
- High speed communication: <100ms
- Support iBeacon
- Multiple Host
- Remote control and wall switch accessory available
- 2 years limited warranty
- Antenna : Optional
- FCC Part 15
- Compact Size: 30 x 22 x 19mm max(1.18" x 0.87" x 0.75")
- Application: Uplighting, Downlighting, Flood Light, Path Light, Step Lighting, Deck Lighting, Well Light, Hardscape

Model	Input Voltage (VAC)	Output Channel	Output Current (A)		Output Voltage (VDC)	Output Wattage (W)	Efficient (Typ.)	Antenna
CLB1C261UAEWD0	12-18V	1	Warm	250mA	9V (Typ.)	2.25W(MAX)	72%	2.4GHz Antenna
CLB5C091UAEWD0	12-18V	5	Cool	90mA	9V (Typ.)	2.43W(MAX)	72%	2.4GHz Antenna
			Warm	270mA (MAX)				

LAD Series

Low Voltage Input Constant Current LED Driver

FEATURE

- 8-18 Vac Low Voltage Input
- Step down converter
- MLV Triac dimmable
- Protection: SCP/OCP
- Compact Size: 24.1 x 22.3 x 11.9mm (0.95" x 0.88" x 0.47")
- Application: Uplighting, Downlighting, Flood Light, Path Light, Step Lighting, Deck Lighting, Well Light, Hardscape

Model	DC Output Power (W)	DC Output Voltage (V)	Output Current (A)	EFFICIENCY (Typ.)
LAD011N701NSN0	10.5	2.8-15	0.665~0.735	85%
LAD010N451NSN0	9.9	2.8-22	0.42~0.48	88%
LAD009N401NSN0	8.8	2.8-22	0.38~0.42	88%
LAD008N351NSN0	7.7	2.8-22	0.33~0.37	88%
LAD005N261NSN0	5.6	2.8-22	0.241~0.271	90%
LAD004N181NSN0	3.9	2.8-22	0.167~0.191	90%
LAD003N131NSN0	2.9	2.8-22	0.118~0.148	90%

PRODUCT LINE-UP

CONSTANT CURRENT LED DRIVER

SPECIFICATION

Wattage	Series	Input Voltage	Output			IP	Safety	Case	Dimansion (LxWxH)
			Current	Voltage	Channel				
5W	BPHE	100-240VAC	0.2-0.7A	3-25Vdc	Single	67	UL1310*	Plastic	66.8x35.2x24.2mm
10W	BPHE	100-240VAC	0.2-0.8A	3-48Vdc	Single	67	UL1310*	Plastic	97.5x40x30.5mm
15W	LCCE	100-277VAC	0.5-1.4A	5-48Vdc	Single	67	UL60950	Plastic	95x40x25mm
25W	LCCE	100-277VAC	0.7-1.2A	15-36Vdc	Single	67	UL60950	Plastic	134x42x33.1m
45W	LCCE	100-277VAC	0.95-3A	12-48Vdc	Single	67	UL60950	Plastic	163x47x31.6mm
75W	LCCEA	100-277VAC	1.4-3.2A	15-54Vdc	Single	67	UL8750/Type TL	Metal	232x46.5x31mm
96W	LCCEA	100-277VAC	1.8-4A	15-54Vdc	Single	67	UL8750/Type TL	Metal	232x46.5x31mm
100W	LCCH	100-277VAC	2.1-8.4A	8-48Vdc	Single	67	UL60950	Metal	208.4x72x38.5mm
120W	LCCH	100-277VAC	2.5-9.6A	8.5-48Vdc	Single	67	UL60950	Metal	208.4x72x38.5mm
150W	LCCH	100-277VAC	3.2-6.3A	18-48Vdc	Single	67	UL60950	Metal	208.4x72x38.5mm
200W	LCCH	100-277VAC	4.2-16A	8-48Vdc	Single	67	UL8750*	Metal	246.2x74x43.55mm
300W	LCCH	100-277VAC	6.25-12.5A	18-48Vdc	Single	67	UL8750	Metal	274.2x90x43.8mm

* Comply with safety.

CONSTANT VOLTAGE LED DRIVER

SPECIFICATION

Wattage	Series	Input Voltage	Output			IP	Safety	Case	Dimansion (LxWxH)
			Current	Voltage	Channel				
30W	LCVE	100-277VAC	1.25-2.5A	12-24Vdc	Single	67	UL1310*	Plastic	134x42x33.1mm
60W	LCVE	100-277VAC	2.5-5A	12-24Vdc	Single	67	UL1310*	Metal	170x53x32mm
75W	LCVEA	100-277VAC	1.4-3.2A	24-54Vdc	Single	67	UL8750/Type TL	Metal	232x46.5x31mm
80W	LCVH	100-277VAC	1.7-10A	8-48Vdc	Single	67	UL60950	Metal	208.4x72x38.5mm
100W	LCVEA	100-277VAC	1.8-4A	24-54Vdc	Single	67	UL60950	Plastic	232x45.5x31mm
100W	LCVH	100-277VAC	2.1-8.4A	12-48Vdc	Single	67	UL60950	Metal	208.4x72x38.5mm
120W	LCVH	100-277VAC	2.5-9.6A	12-48Vdc	Single	67	UL60950	Metal	208.4x72x38.5mm
150W	LCVH	100-277VAC	3.2-12.5A	12-48Vdc	Single	67	UL60950	Metal	208.4x72x38.5mm
200W	LCVH	100-277VAC	4.2-16A	12-48Vdc	Single	67	UL8750*	Metal	246.4x74x43.55mm
300W	LCVH	100-277VAC	6.25-12.5A	12-48Vdc	Single	67	UL8750	Metal	274.2x90x43.8mm

* Comply with safety.

DIMMABLE LED DRIVER

SPECIFICATION

Wattage	Series	Input Voltage	Output			Dimming Type	IP	Safety	Case	Dimansion (LxWxH)
			Current	Voltage	Channel					
3W	TRI	100-277VAC	0.315A	5.5-10Vdc	Single	Triac/ELV	67	UL8750	Plastic	ø34x27.5mm
5.25W	TRI	100-277VAC	350mA	6-15Vdc	Single	Triac & 0-10V	67	UL8750 Class P	Metal	93.1x39.5x25.0mm
5.4W	TRI	100-277VAC	150mA	26-36Vdc	Single	Triac & 0-10V	67	UL8750 Class P	Metal	93.1x39.5x25.0mm
9W	TRI	100-277VAC	250mA	18-36Vdc	Single	Triac & 0-10V	67	UL8750 Class P	Metal	93.1x39.5x25.0mm
10.5W	TRI	100-277VAC	700mA	6-15Vdc	Single	Triac & 0-10V	67	UL8750 Class P	Metal	93.1x39.5x25.0mm
12.6W	TRI	100-277VAC	350mA	18-36Vdc	Single	Triac & 0-10V	67	UL8750 Class P	Metal	93.1x39.5x25.0mm
25W	DBFE	100-277VAC	0.5-2.1A	9-54Vdc	Single	0-10V	67	UL8750*	Plastic	134x42x33.1mm
40W	DBFE	100-277VAC	0.35-0.7A	30-120Vdc	Single	0-10V	67	UL8750	Plastic	95x70x32mm
45W	DBFE	100-277VAC	1.75-1.9A	14-24Vdc	Single	0-10V	67	UL8750*	Plastic	163x47x31.6mm
60W	DBFE	100-277VAC	1.3-4.3A	19-48Vdc	Single	0-10V	67	UL8750*	Plastic	158x58x39.4mm
75W	DBFE	100-277VAC	1.4-3.2A	15-54Vdc	Single	0-10V	67	UL8750/Type TL	Plastic	232x46.5x31mm
100W	DBFE	100-277VAC	1.8-4A	15-54Vdc	Single	0-10V	67	UL8750/Type TL	Metal	232x46.5x31mm
200W	DBFE	100-277VAC	4.2-16A	8-48Vdc	Single	0-10V	67	UL8750*	Metal	246.4x74x43.55mm
300W	DBFE	100-277VAC	6.25-12.5A	16-48Vdc	Single	0-10V	67	UL8750	Metal	274.2x90x43.8mm

* Comply with safety.



INCORE

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