

Pallas-A

Bridgelux Differentiation

- It's in our DNA is to solve customers' problems
- 15+ years of driving lighting market transformation
- Vertically integrated global supply chain
- Strategic focus on the simplification of human centric lighting systems



What is Pallas-A?

- A family of specifier grade Constant Current LED drivers with deep and smooth dimming performance via 0-10V wires
- Linear form factor best fit for high-end linear luminaires, troffer and cove lighting applications
- Various power options (23W to 96W) to cover different applications
- Fully programmable output current down to 1 mA step, aimed for maximized flexibility
- Flicker free per IEEE P1789, CEC Title 24, NEMA 77-2017
- Built-in over-voltage, over-temperature and short circuit protection



Pallas-A Drivers

Parameters	BXDR-MP-23LT-U107A-01-A	BXDR-MP-46LT-U114A-01-A	BXDR-MP-40LW-U110A-01-A	BXDR-MP-60LW-U114A-01-A	BXDR-MP-80LW-U121A-01-A	BXDR-MP-96LW-U125A-01-A
Power	23W	46W	40W	60W	80W	96W
Inputs	120/277/347V	120/277/347V	120/277/347V	120/277/347V	120/277/347V	120/277/347V
Output Current	70-700mA	140-1400mA	100-1000mA	140-1400mA	210-2100mA	250-2500mA
Output Voltage	20-50V	20-50V	20-50V	20-50V	20-50V	20-50V
Efficiency (@ Full Load)	>88%	>88%	>86%	>89%	>85%	>85%
Dimming Control	0-10V	0-10V	0-10V	0-10V	0-10V	0-10V
AUX (12V)	Optional	Optional	Optional	Optional	Optional	Optional
Ambient Temperature	-20°C to + 50°C					
UL Listed Class 2	Class P					
Connection	Terminal Blocks	Terminal Blocks	Flying Wires	Flying Wires	Flying Wires	Flying Wires
Dimensions	280 x 30 x 21mm	280 x 30 x 21mm	241 x 33 x 28mm	241 x 33 x 28mm	241 x 45 x 30mm	241 x 45 x 30mm

Pallas-A Wireless Platform (Upcoming)



CASAMBI BLE Control



BXCS-12C-N2A-01-A
75 x 32 x 20mm (L x W x H)

SILVAIR BLE Control



BXCS-12S-N2A-01-A
75 x 32 x 20mm (L x W x H)

