PDS-60 24 V

DMX/Ethernet

POWER/DATA SUPPLY

Versatile power/data supply for indoor and outdoor applications

PDS-60 24V is a compact, rugged power/data supply designed for indoor and outdoor LED lighting installations using luminaires from Color Kinetics. Its versatility in providing both DMX and Ethernet options in one unit means the PDS-60 24V can be used in installations ranging from a single DMX universe to large Ethernet installations containing thousands of LED nodes.

- Versatile use in DMX and Ethernet installations—PDS-60 24V can be used in LED lighting installations containing as little as a single DMX universe, but it's smart enough to detect when it's connected to an Ethernet installation. That also means that PDS-60 24V is compatible with every controller available from Color Kinetics.

- Delivers 62 W of power output—Accommodates input voltages ranging from 100 VAC to 240 VAC. Short-circuit protection prevents device failure due to incorrectly wired luminaires.

- Suitable for indoor and outdoor use—Features a NEMA 4, IP66 enclosure, so you can mount the PDS-60 24V in on surfaces in dry, damp, and wet locations.

- Offers multiple standard-size conduit entries—Accommodates 13 mm (0.5 in) and 19 mm (0.75 in) trade-sized conduit.

For more information, please refer to www.colorkinetics.com/ls/pds/pds60/

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Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Electrical

Input Voltage	100 to 240 VAC, auto-ranging, 50/60 Hz*
Fuse Rating	(2) 4 A, 5 x 20 fast blow fuses
Power Consumption	1.7 A at 100 VAC
	1.5 A at 120 VAC
	0.75 A at 240 VAC
Power Output	24 VDC, 62 W maximum

Connections

Threaded Openings	19 mm (0.75 in), 13 mm (0.5 in) NPT
Data Input Source	
Color Kinetics full range of controllers, third-party DMX controllers, or KiNET-compatible* third-party Ethernet controllers	
Power Input	Line-neutral-ground cable, flying leads
Power Output	2-pin spring terminal
Data Input	RJ-45 input and output connectors
Data Output	RJ-45, 3-pin terminal block

Compatible Luminaires

C-Splash 2	2

Physical

Dimensions *(Height x Width x Depth)*	91 x 140 x 224 mm (3.6 x 5.5 x 8.8 in)
Weight	2 kg (4.5 lb)
Housing	Cast aluminium enclosure
Mounting	Slots for surface mounting
Finish	Powder-coated gray matte
Operating Temperature	-10 to 40 °C (14 to 104 °F)
Startup Temperature	-10 to 50 °C (14 to 122 °F)
Storage Temperature	-40 to 80 °C (-40 to 176 °F)
Humidity	0 to 95%, non-condensing
Cooling	Convection
Airflow	Front panel input, back panel output
Heat Dissipation	25% of total power input at maximum load

Certification and Safety

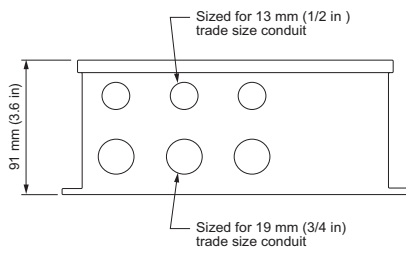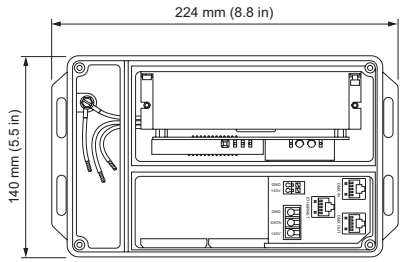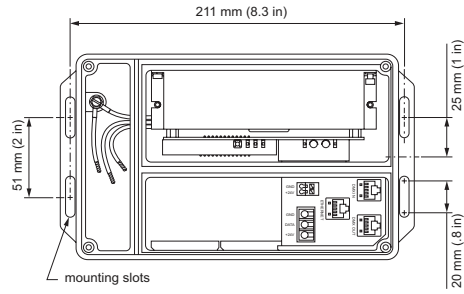|	
Certification	UL/cUL, CE, PSE, C-Tick, SAA
Classification	UL Class 2 power supply
Environment	Dry/Damp/Wet Location, IP66

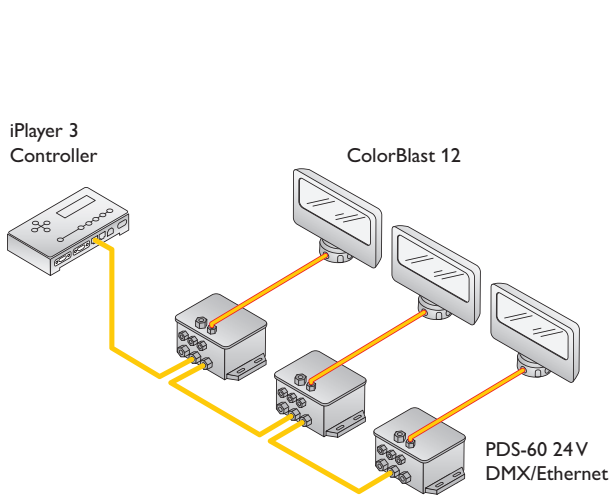* KiNET is the Ethernet lighting protocol from Color Kinetics.
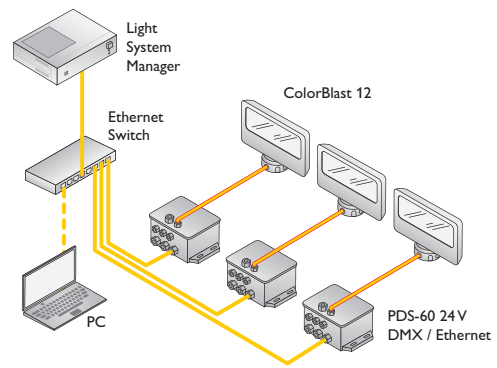
Dimensions

Overall Dimensions

224 mm (8.8 in)

140 mm (5.5 in)

91 mm (3.6 in)

Sized for 13 mm (1/2 in) trade size conduit

Sized for 19 mm (3/4 in) trade size conduit

Mounting Dimensions

211 mm (8.3 in)

25 mm (1 in)

51 mm (2 in)

20 mm (.8 in)

mounting slots

Typical DMX Installation

iPlayer 3
Controller

ColorBlast 12

PDS-60 24 V
DMX/Ethernet

Typical Ethernet Installation

Light
System
Manager

ColorBlast 12

Ethernet
Switch

PC

PDS-60 24 V
DMX / Ethernet

Part Numbers

Use Item Number when ordering in North America.

Power/Data Supply	Item Number	Item 12NC
PDS-60 24 V DMX/Ethernet	109-000017-03	910503700097
Power/data supply, (3) EMI suppression cores, (2) spare fuses, and (8) NPT threaded seal plugs		

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Color Kinetics
www.colorkinetics.com

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