

# PDS-60 24 V

Date: \_\_\_\_\_  
Type: \_\_\_\_\_  
Firm Name: \_\_\_\_\_  
Project: \_\_\_\_\_

Pre-Programmed

## 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. You can use the PDS-60 24V Pre-Programmed to control a full DMX universe without having to purchase an separate controller. Instantly cater to any mood or aesthetic by selecting from four customizable, onboard light shows.



- Contains four pre-programmed light shows—Using onboard controls, you can select the Rainbow, Random Color, Color Wash, or Fixed Color built-in light show. User-configurable options—such as speed, color, or direction—allow you to customize the light show to instantly cater to any mood or aesthetic.
- No separate controller is needed—Because light shows are stored directly on the PDS-60 24V Pre-Programmed power/data supply, you can control your Color Kinetics installation without purchasing a separate controller.
- Controls a full DMX universe—You can add as many PDS-60 24V DMX/Ethernet power/data supplies as you need to take advantage of a full 512 DMX addresses.
- 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 19mm (0.75 in) trade-sized conduit.

For more information, please refer to  
[www.colorkinetics.com/ls/pds/pds60/](http://www.colorkinetics.com/ls/pds/pds60/)

# 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	Internal
Power Input	Line-neutral-ground cable, flying leads
Power Output	2-pin spring terminal

## Compatible Luminaires

ColorBlast 6	2
ColorBlast 12	1
C-Splash 2	2

## Physical

Dimensions <i>(Height x Width x Depth)</i>	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

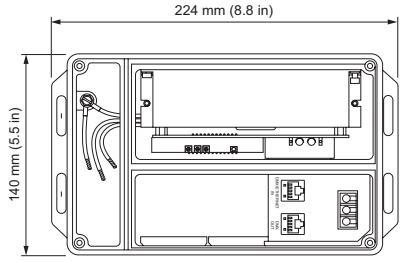
## Certification and Safety

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

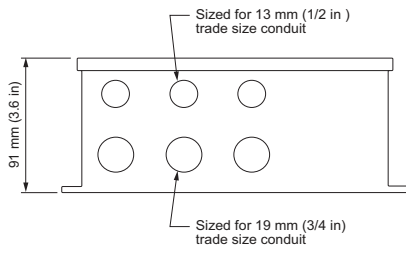
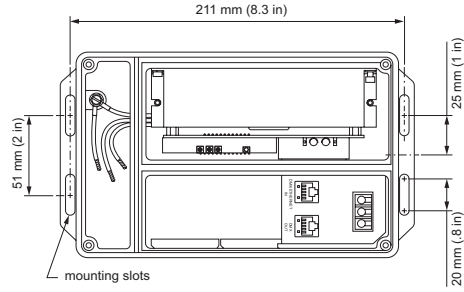


# Dimensions

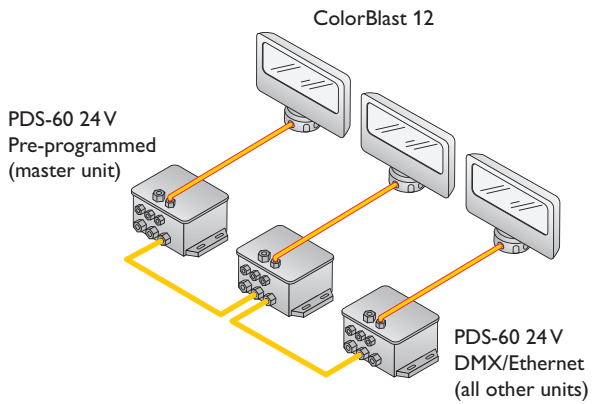
## Overall Dimensions



## Mounting Dimensions



## Typical Pre-Programmed Installation



# Part Numbers

Use Item Number when ordering in North America.

## Power/Data Supply

	Item Number	Item 12NC
PDS-60 24 V Pre-Programmed	109-000017-00	910503700096
<i>Power/Data Supply, (3) EMI suppression cores, (2) spare fuses, and (8) NPT threaded seal plugs</i>		



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Color Kinetics  
[www.colorkinetics.com](http://www.colorkinetics.com)