



Date: _____ Type: _____

Firm Name: _____

Project: _____

PDS-60ca 24V Pre-programmed

Power / data supply for indoor and outdoor applications



For device mounting and maintenance details, refer to the Installation Instructions included in the product packaging, or download documentation from www.colorkinetics.com/ls/pds/pds60ca24/

PDS-60ca 24V Pre-programmed is a versatile power / data supply designed for indoor and outdoor LED lighting fixtures employing Chromasic® technology from Philips Color Kinetics.

PDS-60ca 24V Pre-programmed features built-in visual effects, allowing configurations without Ethernet or DMX controllers.

In runs with multiple power / data supplies, PDS-60ca 24V Pre-programmed functions as a master control unit, delivering data to the other power / data supplies in the run. Therefore, use one PDS-60ca 24V Pre-programmed unit per run, and standard PDS-60 24V DMX units for all additional power / data supplies.

PDS-60ca 24V Pre-programmed delivers 62 watts of power output and automatically accommodates input voltages ranging from 100 VAC to 240 VAC.

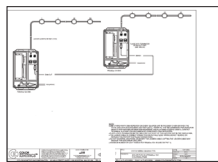
Short-circuit protection prevents device failure due to incorrectly wired fixtures.

Featuring a NEMA 4 (IP66) enclosure, PDS-60ca 24V Pre-programmed installs in dry, damp, and wet locations.

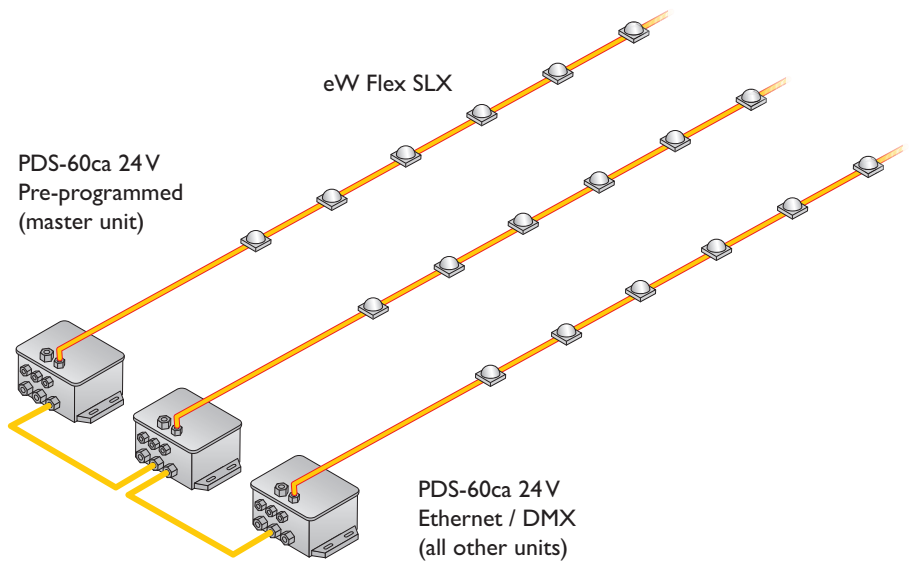
PDS-60ca Pre-programmed 24V offers multiple standard-size conduit entries to accommodate 1/2 in (13 mm) and 3/4 in (19 mm) trade-sized conduit.

Compatible Fixtures

Fixture	Max. Quantity Per PDS-60ca 24V
eW® Flex SLX	1 string
iColor® Flex LMX	1 string
iColor Cove® EC 7 in	30
iColor Cove EC 12 in	30
iColor Cove QLX 6 in	30
iColor Cove QLX 12 in	20



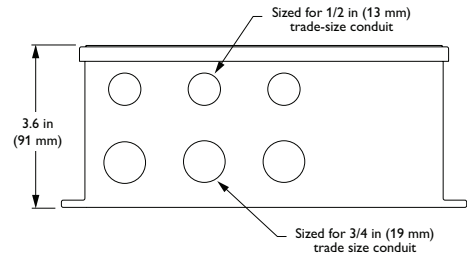
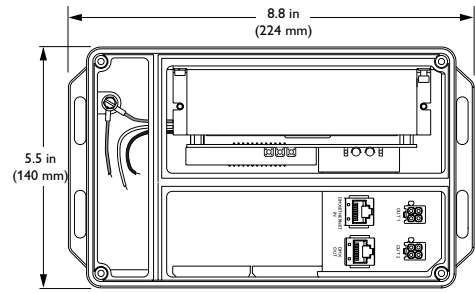
PDS-60ca Pre-programmed wiring diagrams are available online at www.colorkinetics.com/support/wiring/



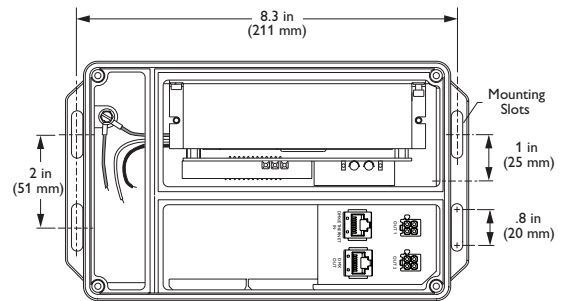
Specifications

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

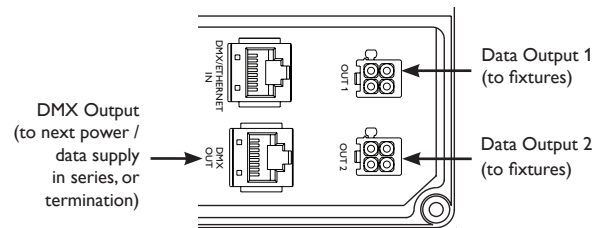
Item	Specification	Details	
Electrical	Input Voltage	100 – 240 VAC, auto-switching, 50 / 60 Hz	
	Maximum Input Current	1.7 A at 100 VAC, 1.5 A at 120 VAC, .75 A at 240 VAC	
	Power Output	24 VDC, 62 W maximum	
	Fuse Rating	(2) 4 A, 5 x 20 fast blow fuses	
Physical	Dimensions (Height x Width x Depth)	3.6 x 5.5 x 8.8 in (91 x 140 x 224 mm)	
	Weight	4.5 lb (2.0 kg)	
	Construction	Cast aluminum enclosure with slots for surface mounting	
	Finish	Gray matte	
	Connectors	Data	RJ45 connector
		Power Output	(2) 4-pin output receptacles
		Power Input	Line-neutral-ground cable, flying leads
	Temperature Ranges	14° – 104° F (-10° – 40° C) Operating 14° – 122° F (-10° – 50° C) Startup -40° – 176° F (-40° – 80° C) Storage	
	Humidity	0 – 95%, non-condensing	
	Cooling	Convection	
	Heat Dissipation	25% of total power input at maximum load	
Data Input Source	Internal		
Certification and Safety	Certification	UL / cUL, CE, PSE	
	Classification	UL Class 2 power supply	
	Environment	Dry / Damp / Wet Location, IP66	



Overall Dimensions



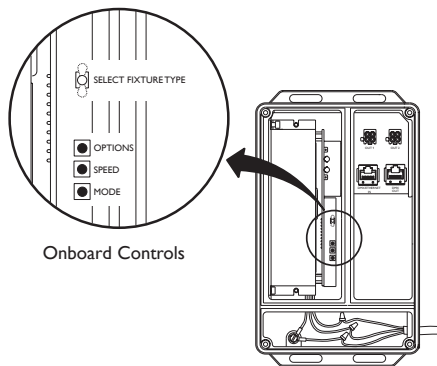
Mounting Dimensions



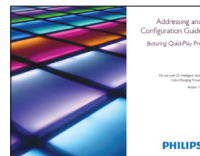
Ordering Information

Item	Included Components	Item Number	Philips 12NC
PDS-60ca 24V Pre-programmed	Power / data supply, (3) EMI suppression cores, (2) spare fuses, (8) NPT threaded seal plugs, and Installation Instructions	109-000016-00	910503700095

Use Item Number when ordering in North America.



Onboard Controls



For complete instructions on setting pre-programmed effects via onboard controls, refer to the *Addressing and Configuration Guide* available online at: www.colorkinetics.com/support/addressing/



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