



Date: _____ Type: _____

Firm Name: _____

Project: _____

sPDS-60ca 24V

Power / data supply for indoor installations

sPDS-60ca 24V is a compact power / data supply designed for indoor LED lighting fixtures employing Chromasic® technology from Philips Color Kinetics.

The sPDS-60ca 24V enclosure is designed for use in dry locations.

sPDS-60ca 24V is compatible with both Ethernet and DMX controllers.

Compatible Fixtures

sPDS-60ca 24V delivers 62 watts of total output and accommodates input voltages ranging from 100 VAC to 240 VAC. All power and data connections are made via an external panel, for reduced installation time. Short-circuit protection prevents failure due to incorrectly wired fixtures.

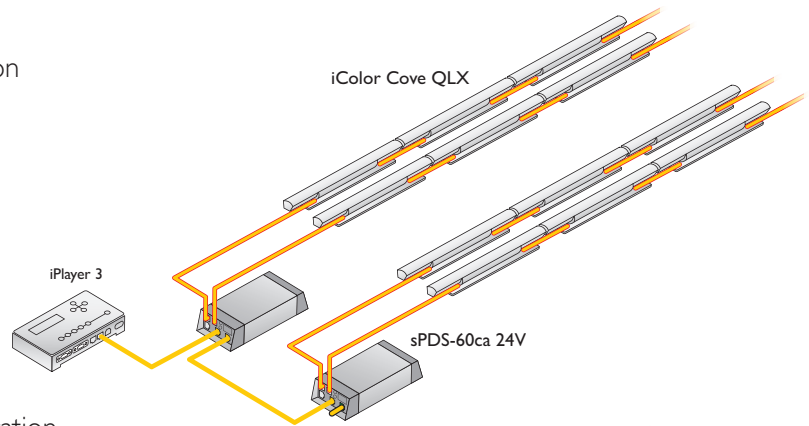
Fixture	Max. Quantity Per sPDS-60ca 24V
eW® Flex SLX	1 string
iColor® Flex LMX	1 string
iColor Cove® EC 7 in	30
iColor Cove EC 12 in	30
iColor Cove QLX 6 in	30
iColor Cove QLX 12 in	20

Onboard push-button controls incorporate the ability to program base light addresses and configure light groups, eliminating the need for additional addressing tools or software.

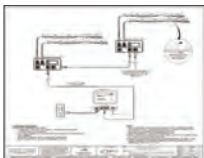
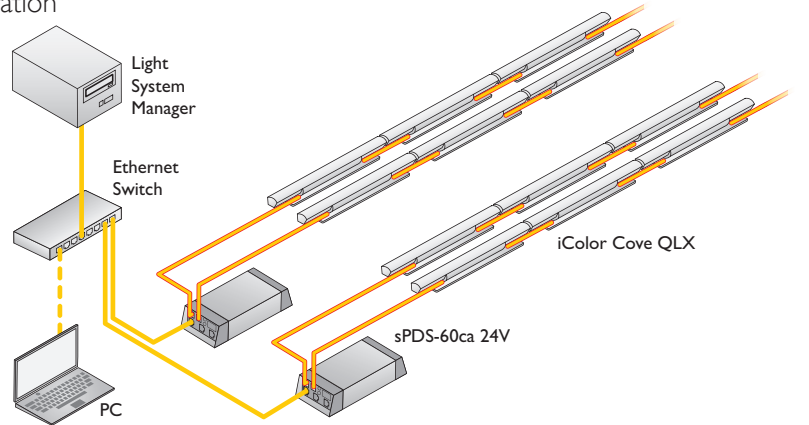


☰ For device mounting and maintenance details, refer to the Installation Instructions included in the product packaging, or download documentation from www.colorkinetics.com/lis/pds/spds60/

DMX Configuration



Ethernet Configuration



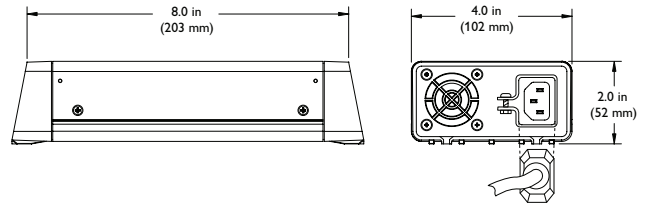
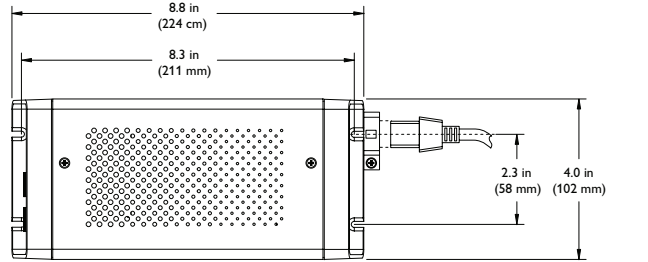
☰ sPDS-60ca 24V wiring diagrams are available online at www.colorkinetics.com/support/wiring/



Specifications

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

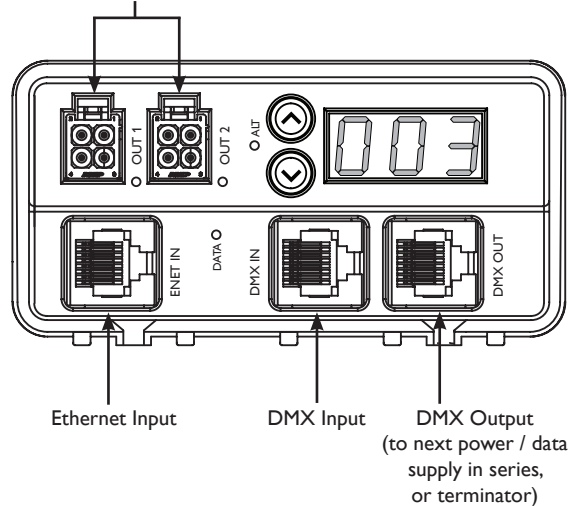
Item	Specification	Details	
Electrical	Input Voltage	100 – 240 VAC, auto-switching, 50 / 60 Hz	
	Maximum Input Current	1.7 A at 100 VAC, 1.5 A at 120 VAC, .75 A at 240 VAC	
	Power Output	24 VDC, 62 W maximum	
Physical	Dimensions (Height x Width x Depth)	2.0 x 4.0 x 8.8 in (52 x 102 x 224 mm)	
	Weight	2.0 lb (.91 kg)	
	Construction	Aluminum case with impact resistant, injection-molded plastic end caps, surface mount design	
	Finish	Gray and black matte	
	Connectors	Data	RJ-45 input and output connectors
		Power Output	(2) 4-pin output ports
		Power Input	IEC 320 receptacle type C13, locking clamp
	Operating Temperature	14° – 122° F (-10° – 50° C)	
	Humidity	0 – 95%, non-condensing	
	Cooling	Thermostatically controlled fan with serviceable filter	
	Airflow	Top cover input, back panel output	
	Heat Dissipation	25% of total power input at maximum load	
	Data Input	Philips full range of controllers, third-party DMX controllers, or KiNET-compatible‡ third-party Ethernet controllers	
Classification	UL Class 2 power supply		
Environment	Dry Location, IP20		



‡ KiNET™ is the standard Ethernet lighting protocol from Philips Color Kinetics.



Power / Data Output 1 and 2 (to fixtures)

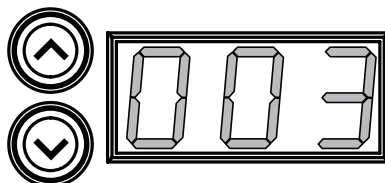


Ordering Information

Item	Included Components	Item Number	Philips 12NC
sPDS-60ca 24 V	Power / data supply, IEC US power cord, DMX data terminator, (3) clamp-on EMI suppression cores, Installation Instructions	109-000021-02	910503700106

Use Item Number when ordering in North America.

Onboard push-button controls and 3-digit LED display allow base light address programming directly from the sPDS-60ca 24 V, eliminating the need for additional addressing tools or software.



For complete instructions detailing sPDS-60ca 24 V onboard controls and features, refer to the *Addressing and Configuration Guide* available online at www.colorkinetics.com/support/addressing/



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DAS-000065-01 R00 12-09