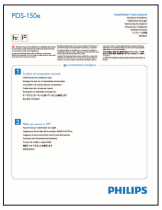
Date: _____ Type: _____

Firm Name: _____

Project: _____

PDS-150e

Power / data supply for Ethernet and DMX installations



For device mounting and maintenance details, refer to the Installation Instructions included in the product packaging, or download documentation from www.philipscolorkinetics.com/ls/pds/pds150e/

PDS-150e is an indoor-rated power / data supply designed for LED lighting fixtures employing Chromacore technology from Philips Color Kinetics.

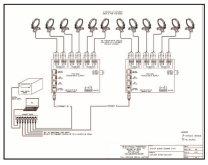
PDS-150e is compatible with both Ethernet and DMX controllers.

PDS-150e delivers 150 watts of total output via six output terminals and accommodates input voltages ranging from 100 VAC to 240 VAC. Short-circuit protection prevents device failure due to incorrectly wired fixtures.

The PDS-150e enclosure is designed for use in dry locations. The built-in cooling fan and over-temperature protection circuitry prevent the unit from operating beyond its rated temperature range. 14 pre-formed knockout holes accommodate standard conduit sizes.

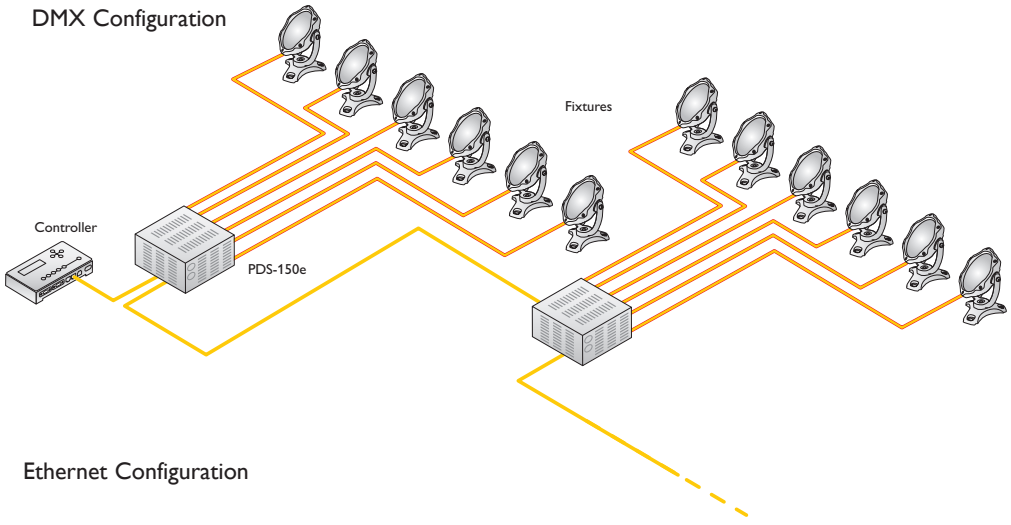
Compatible Fixtures

Fixture	Max. Quantity Per PDS-150e	Max. Quantity Per Fuse Group
C-Splash 2	6	2
ColorBlast 12	3	1
ColorBlast 6	6	2
ColorBurst 6	6	2

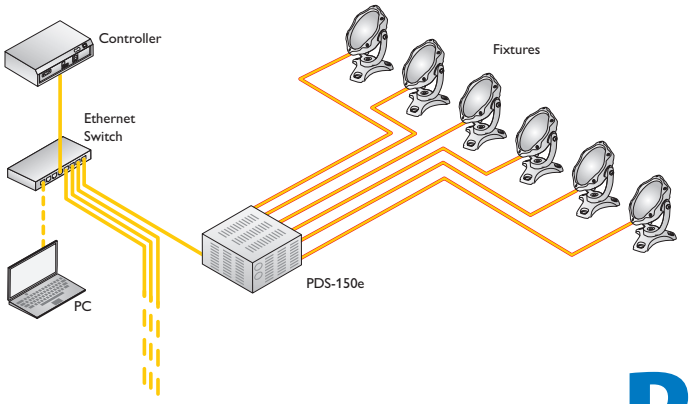


PDS-150e wiring diagrams are available online at www.philipscolorkinetics.com/support/wiring/

DMX Configuration



Ethernet Configuration



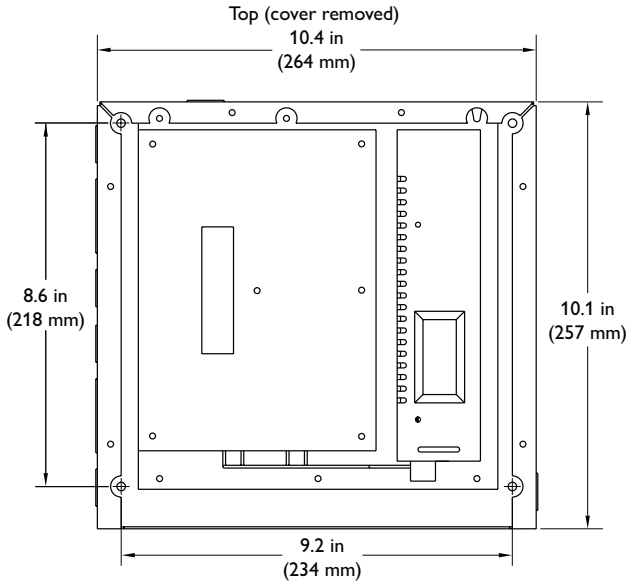
PHILIPS

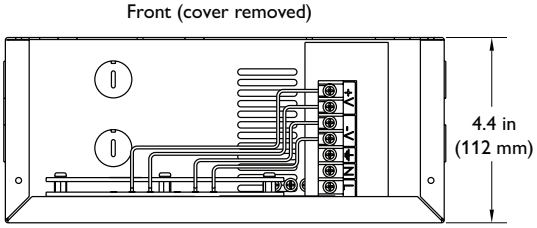
Specifications

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	2.8 A at 115 VAC, 1.4 A at 230 VAC	
	Power Output	24 VDC, 150 W maximum	
Physical	Dimensions *(Height x Width x Depth)*	4.4 x 10.4 x 10.1 in (112 x 264 x 257 mm)	
	Weight	8 lb (3.6 kg)	
	Construction	Painted steel housing, surface mount design	
	Finish	Black matte	
	Connectors	Data	RJ-45 input and output connectors
		Power Output	(6) terminal blocks
		Power Input	Terminal block
	Temperature Ranges	14° – 122° F (-10° – 50° C) Operating 14° – 122° F (-10° – 50° C) Startup -40° – 176° F (-40° – 80° C) Storage	
	Humidity	0 – 95%, non-condensing	
	Cooling	Cooling fan	
	Airflow	Rear panel input, side 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	
Certification and Safety	Certification	UL / cUL, FCC Class A, CE, PSE, C-Tick, SAA	
	Classification	UL Class 2 power supply	
	Environment	Dry Location, IP20	

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

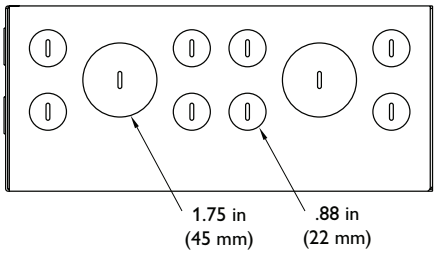


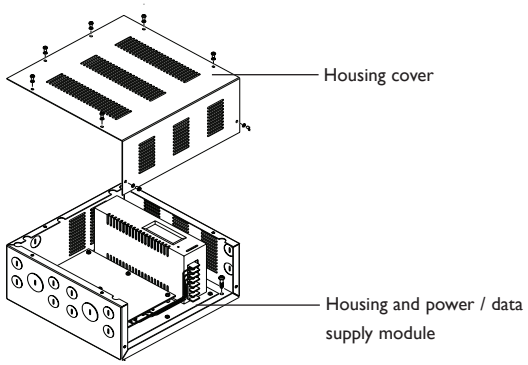


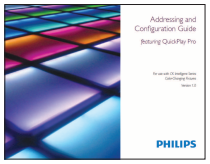
Ordering Information

Item	Included Components	Item Number	Philips 12NC
PDS-150e	Power / data supply module, housing with cover and attaching screws, connectors, and Installation Instructions	109-000008-01	910503700092

Use Item Number when ordering in North America.







For complete instructions detailing how to address fixtures connected to a PDS-150e, refer to the *Addressing and Configuration Guide* available online at www.philipscolorkinetics.com/support/addressing/

Philips Color Kinetics
3 Burlington Woods Drive
Burlington, Massachusetts 01803 USA
Tel 888.385.5742
Tel 617.423.9999
Fax 617.423.9998
www.philipscolorkinetics.com

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