



Date: _____ Type: _____

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Project: _____

iW Data Enabler

Data formatting and power for IntelliWhite series fixtures



iW® Data Enabler is a data formatting power / data supply designed for IntelliWhite® series LED lighting fixtures employing Powercore® technology from Philips Color Kinetics.

Featuring a NEMA 4 (IP66) enclosure, iW Data Enabler installs in dry, damp, and wet locations.

Multiple conduit entries accommodate 3/4 in (19 mm) NPT conduit.

Engineered for use in zone control network configurations, iW Data Enabler is compatible iW Scene Controller.

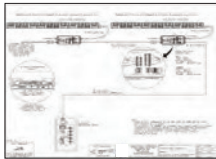
Compatible Fixtures

IntelliWhite series fixtures employing Powercore technology from Philips Color Kinetics — intelligent white light fixtures with onboard power processing technology

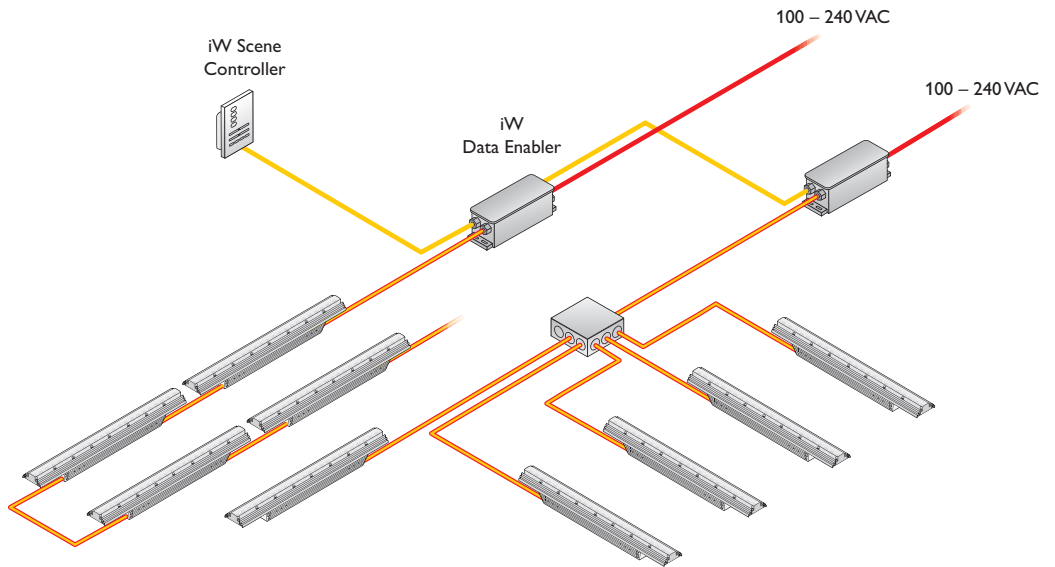
iW Data Enabler accommodates input voltages ranging from 100 VAC to 240 VAC where the maximum connected base load does not exceed 20 Amps.

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

☰ To calculate the number of fixtures your specific installation can support, download the Configuration Calculator from www.colorkinetics.com/support/install_tool/



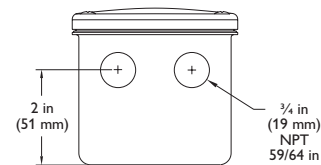
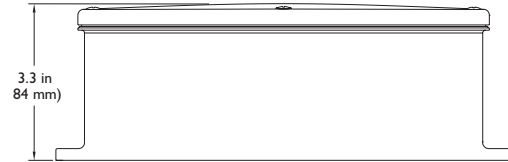
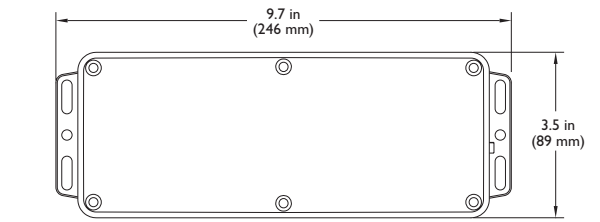
☰ iW Data Enabler wiring diagrams are available online at www.colorkinetics.com/support/wiring/



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	Maximum connected load should not exceed 20 A	
	Internal Load	10 W	
Physical	Dimensions (Height x Width x Depth)	3.3 x 3.5 x 9.7 in (84 x 89 x 246 mm)	
	Weight	2.5 lb (1.1 kg)	
	Construction	NEMA 4 enclosure, cast aluminum, with slots for surface mounting	
	Finish	Gray matte	
	Connectors	Data Input	4-wire terminal block controller input; RJ-45 connector
		Power Input	3-wire terminal block connector
		Power / Data Output	4-wire terminal block connector
	Operating Temperature	-40° – 122° F (-40° – 50° C)	
	Humidity	0 – 95%, non-condensing	
	Cooling	Convection	
Heat Dissipation	10 W		
Data Input Source	iW Scene Controller		
Certification and Safety	Certification	UL / cUL, CE, PSE	
	Environment	Dry / Damp / Wet Location, IP66	

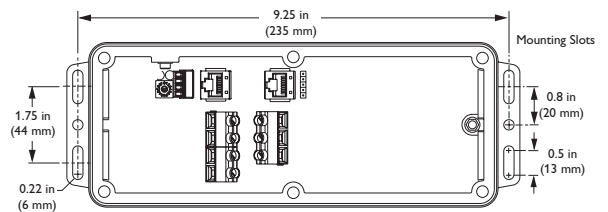


Overall Dimensions

Ordering Information

Item	Included Components	Item Number	Philips 12NC
iW Data Enabler	iW Data Enabler with cover and attaching screws, gasket, (4) NPT threaded seal plugs, and Installation Instructions	506-000001-00	910503700190
iW Scene Controller	iW Scene Controller with leader cable, standard single-gang wall box, (2) self-threading flathead screws, and Decora® style faceplate	503-000001-00	910503700189

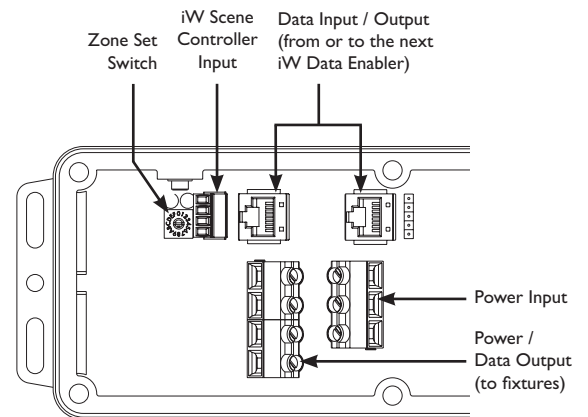
Use Item Number when ordering in North America.



Mounting Dimensions



iW Data Enabler uses a zone set switch to assign zone control settings. For complete iW Data Enabler configuration instructions, refer to the *Addressing and Configuration Guide* available online at www.colorkinetics.com/support/addressing/



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