

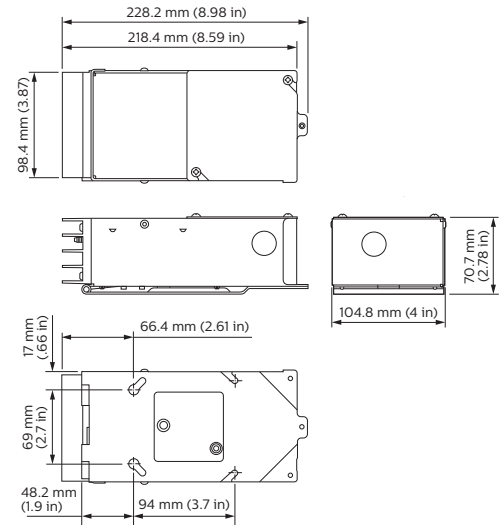


CAPTIVATION Phase Dimmer

Simplifies adding lighting controls to existing projects

The Philips Captivation family of products helps alleviate the often complex and cost-prohibitive hurdle of adding lighting controls to a facility. Captivation controllers can be used as stand alone circuit controllers with off-the-shelf switches, or networked with Philips Dynalite products into an area, building or campus-wide lighting system. The Captivation Phase Dimmer is rated for dimming control of incandescent, electronic low-voltage, magnetic low-voltage and magnetic fluorescent driver loads.

- Full dimming capability — 600 W dimming capability at 120V and 277V AC.
- Control to the user — Utilizes user selectable standard dimming curves and custom user curves for maximum dimming operation across loads.
- Field adjustable — High and low end trims, as well as leading (forward phase) or trailing (reverse phase) dimming. Allows unprecedented support of electronic low-voltage, LED drivers and fluorescents and traditional tungsten lighting sources.
- Convenient mounting — Mounts on to any contractor supplied deep back box.
- Naturally ventilated — Integral ventilation means that no forced cooling is required, thereby reducing maintenance.
- 100% compliance — Accommodates 'free-air' or piped low voltage control wiring to meet with US and Canadian national code requirements.
- Three dry-contact inputs — Software configurable, allowing third-party devices to operate the Captivation controller in standalone mode, or to allow bridging of devices onto a DyNet network.
- UL924 — Programmable UL924 rated input on each device for emergency use.
- Motion sensor input — Included power supply allows for direct connection of a +24 VDC motion sensor, or Dynalite sensor.
- User control selection — Via DyNet or DMX512.



For detailed product information, please refer to the product information pages at www.philips.com/lightingcontrolsna.

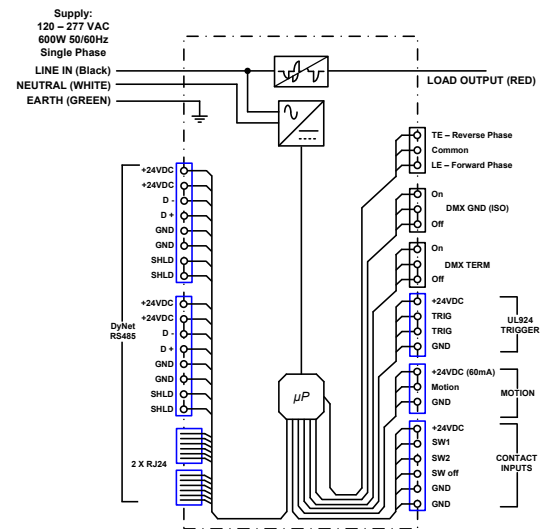


Specifications

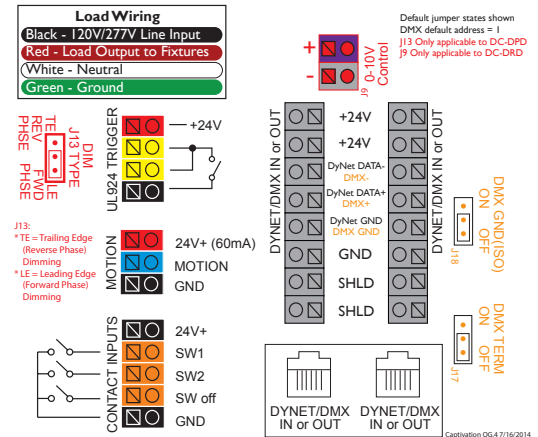
Due to continuous improvements and innovations, specifications may change without notice.

Item	Specification	Details
Electrical	Input Voltage	120 or 277 VAC (+10% / -15%), 50 / 60 Hz, Dedicated Single Phase branch device. Max 20 A
	Power Supply Output	60 mA @ 24VDC for external device power 80 mA @ 24VDC for devices on the DyNet bus
	Output Load Control	Dimming up to 600 W @ 120VAC & 277 VAC 50 / 60 Hz Rated for incandescent (tungsten & halogen), magnetic low-voltage, electronic low-voltage, and magnetic fluorescent driver
Control	User Controls	Service button Test button Factory set button
	Low Voltage Connections	External device 24 VDC power to standalone sensors (60 mA max) 3 dry contact inputs (SW1, SW2, SWOFF) Motion input - active high +24VDC from sensor (wet contact) UL924 triggers DyNet panic preset 65,534
	Configuration	DMX512 connection DyNet connection
	Operational Control Curves	Configuration and monitoring via Philips Dynalite EnvisionManager software. Programming via Philips Dynalite EnvisionProject software.
Physical	Power Wiring	Linear (fluorescent) Modified Linear (magnetic halogen, LED & ELV) Square Law (incandescent and line voltage halogen) Mark10 (Philips Mark 10) line voltage 2-wire fluorescent dimming
	Data Wiring	Flying leads Line, Load, Neutral and Ground
	Dimensions (H x W x D)	CAT5/CAT6 with RJ45 terminations or 18-22 AWG twisted pair RS485 compatible cabling to press release terminals
	Construction	8.98" x 4.0" x 2.78" (228.2 mm x 104.8 mm x 70.7 mm)
	Operating Conditions	16 gauge galvanized steel
	Storage & Transport	Temperature: 32 to 122° F (0 to 50° C) ambient Humidity: 10 to 95% non-condensing
	Operating Conditions	Temperature: -13 to 140° F (-25 to 60° C) ambient Humidity: 10 to 90% non-condensing
Certification	Compliance	FCC Part 15A, UL916, cUL916, CSA 22.2 No 205, California Title 24 Section 119, 2008 as part of a Dynalite system, RoHS Compliant, Air sealed model available to meet City of Chicago Plenum requirements.
Options & Ordering	Standard Product - Phase Dimmer I Circuit	DC-DPD-I-IS-101 (Philips I2NC - 913701252701)
	0-20 + Relay I Circuit (meeting City of Chicago Plenum requirements)	DC-DPD-I-IC-101 (Philips I2NC - 913701254401)
	Additional spare box mounting ring (1 included with each controller)	DC-RING-001 (Philips I2NC - 913701254902)
	Additional spare low voltage wire protection grommet (1 included with each controller)	DC-GROMMET-001 (Philips I2NC - 913701254802)
	Captivation Handheld DMX Addressing Unit	DL-CP-ZIPPY-NA

Electrical Diagram



Wiring Diagram



Load Compatibility

Load Type	@ 120 V 50/60 Hz	@ 277 V 50/60 Hz
Resistive Load	5A	2.2A
Tungsten Lamp	5A	2.2A
Electronic Driver	5A	2.2A
Magnetic Halogen	5A	2.2A
Electronic Halogen	5A	2.2A



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