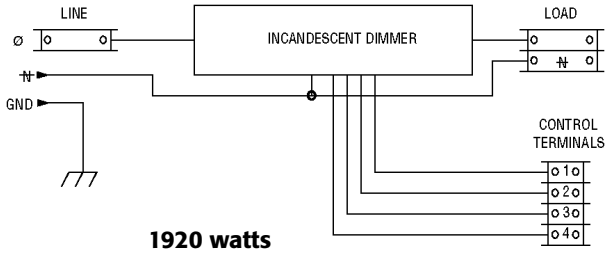
Product Specifications

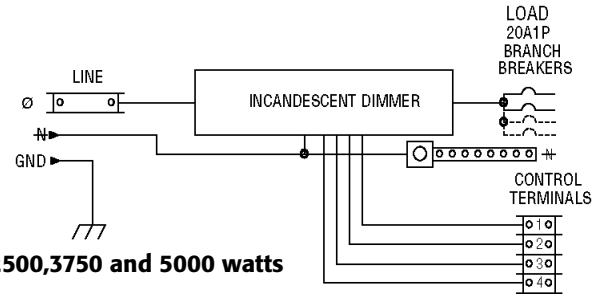
PDQ

INCANDESCENT LOW VOLTAGE

INTERNAL WIRING



1920 watts

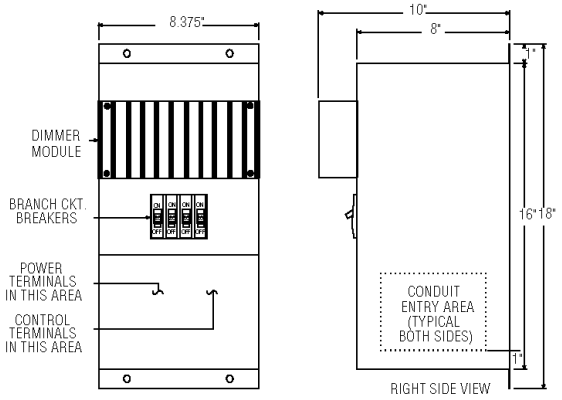


2500,3750 and 5000 watts

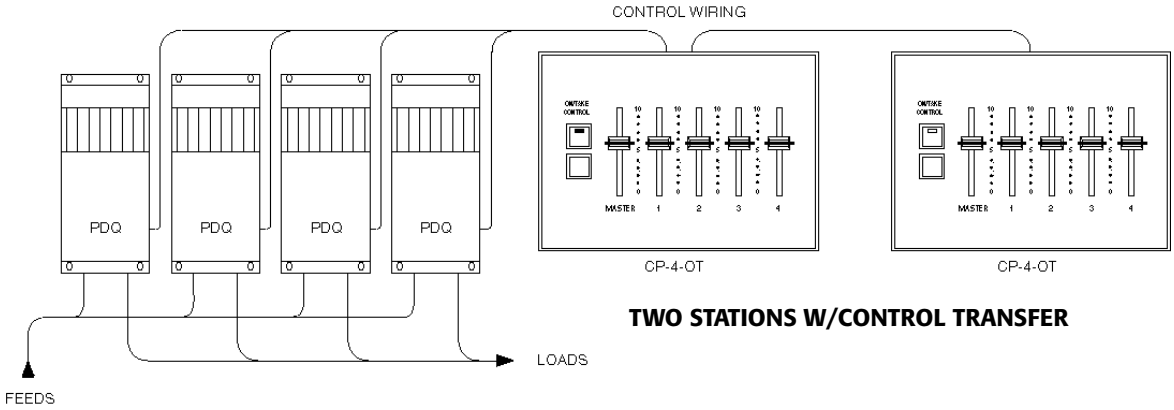
DIMMER CABINET

Dimmer cabinets are surface mount steel enclosures with flanges for wall mount installation. The cabinet is a complete system containing dimmers, power supplies and control circuitry. PDQ dimmer cabinets are pre-assembled and tested at the factory and are ready to install. No job site assembly required.

Installation is simple—just mount the dimmer cabinet(s), connect field power wiring (feeds/loads), and install the control station(s) with low voltage (Class 2) wiring .



MULTIPLE DIMMER INSTALLATION



TWO STATIONS W/CONTROL TRANSFER

LEVITON SPECIFICATIONSUBMITTAL

JOB NAME:	CATALOG NUMBERS:	
JOB NUMBER:		

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LEVITON LIGHTING CONTROL DIVISION
Building a Connected World

Product Specifications

PDQ

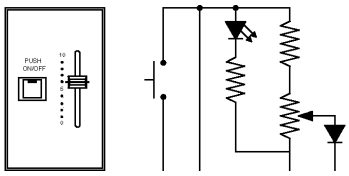
INCANDESCENT LOW VOLTAGE

CONTROL PANELS

The PDQ dimmers are available with a variety of control panels. CP controls come in single panels with 1 to 6 slide controllers and multiple panel configuration with control transfer features (OT) for two or more control locations. motorized dimmer control is available with the Raise/Lower switch control panel (RL) and ramp generator card (RG). Rotary controls come with an integral ON/OFF switch.

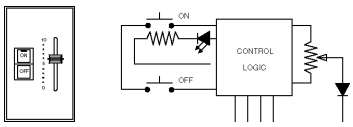
Leviton Lighting Control Division also can provide custom panels or finishes to meet the needs of a specific project. Contact your Leviton Lighting Control Division representative for details.

ON/OFF SWITCH:
Single location control station with an ON/OFF pushbutton and integral LED indicator to show panel status.



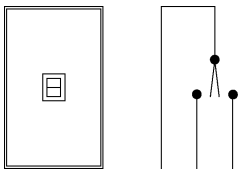
CP-1-SW

CONTROL TRANSFER:
For multiple locations, panels contain a separate ON/TAKE pushbutton which transfers control to the panel being addressed. The LED indicator shows panel status.



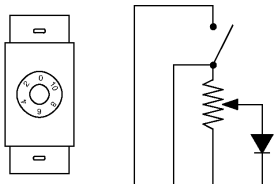
CP-1-OT

RAISE/LOWER:
Control switch operating in conjunction with a motorless motor control electronic ramp generator (RG) to give a smooth up down fade action like the old motorized dimmers.
Many switches can be wired in parallel.



RL-SW

ROTARY CONTROL:
Strap mount type remote control with rotary potentiometer and integral ON/OFF switch all operated by a calibrated knob. Control fits behind a standard device plate (plate not included).



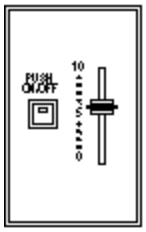
R1-SW

PANEL FINISHS

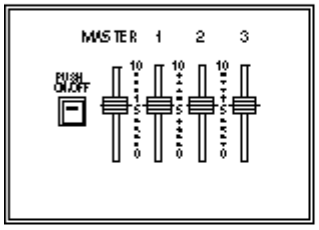
STANDARD FINISH Control panel standard finish is **NATURAL COLOR GRAIN SANDED ANODIZED ALUMINUM**

DELUXE FINISHES
Leviton Lighting Control Division's attractive screwless appearance is available in a variety of colors.

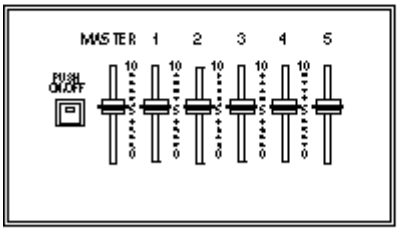
- **AL** Brushed Aluminum
- **BK** Brushed Black
- **PB** Polished Brass
- **OW** Oyster White
- **BB** Brushed Medium Bronze
- **PR** Primer Coat Only



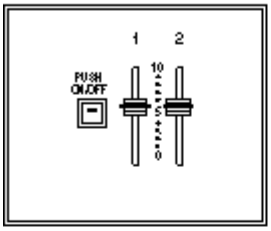
CP-1-SW 1 GANG
4.6"H X 2.85" W



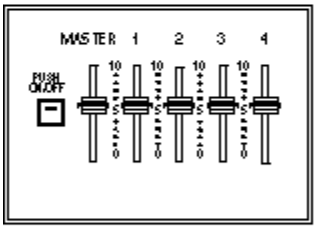
CP-3-SW 3 GANG
4.6" H X 6.5" W



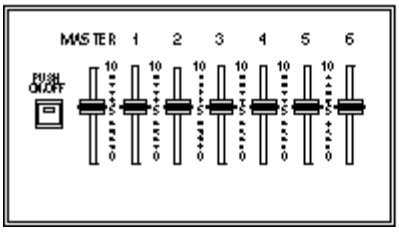
CP-5-SW 4 GANG
4.6" H X 8.52" W



CP-2-SW 2 GANG
4.6" H X 4.6" W



CP-4-SW 3 GANG
4.6" H X 6.5" W



CP-6-SW 4 GANG
4.6" H X 8.52" W

LEVITON SPECIFICATIONSUBMITTAL

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JOB NUMBER:		

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LIGHTING CONTROL DIVISION
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Ordering Information

To order PDQ dimmers and control panels, use the model numbers listed below.

INCANDESCENT/LOW VOLTAGE DIMMERS

Model No.	PDQ-1920/LV	**PDQ-2-1920/LV	PDQ-2500/LV	PDQ-3750/LV	PDQ-5000/LV
Capacity	1920 watts	2-1920 watts	2500 watts	3750 watts	5000 watts
Input (by others)	20 amps	2-20 amps	30 amps	40 amps	50 amps
Branch Breakers*	None	None	2 - 20 amp	3 - 20 amp	4 -20 amps
Max. Heat Loss		*Always 2% of connected load*	*Always 2% of connected load*		
Dimensions		- All-18"H X 8.375"W X"10"D -			
Weight	23 lbs	23 lbs	23 lbs	23 lbs	23 lbs

* Available with 15 amp branch circuit breakers - add " 15" to the end of the PDQ Model Number.
** PDQ-2-1920/LV contains two (2) - 1920 watt dimmers.

CONTROL PANELS

Model No.	CP-1-SW*	CP-2-SW	CP-3-SW	CP-4-SW	CP-5-SW	CP-6-SW	R-1-SW	RL-SW
No. of channels	1	2	3	4	5	6	1	1
Master controller	No	No	Yes	Yes	Yes	Yes	No	No
ON/OFF Switch	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Take/Control*	No	No	No	No	No	No	No	Yes
**Color **			***– Standard – Natural Color Grain Sanded Aluminium –***					
No. of #18 wires	4	5	6	7	8	9	4	3

* For take control change the suffix from SW to OT and add 1 wire to the wire count.
** Color: If no color is listed, panel will be delivered in Standard finish - NATURAL COLOR GRAIN SANDED ANODIZED ALUMINUM. For Deluxe finish with screwless appearance, add color code to the end of the CP Model Number.

AL	Brushed Aluminum	**PB**	Polished Brass	**BK**	Brushed Black
OW	Oyster White	**PR**	Primer Coat Only	**BB**	Brushed Medium Bronze

SPECIFICATIONS

Provide and install PDQ dimmers manufactured by Leviton Lighting Control Division, Austin, Texas. The dimmer cabinet shall be constructed of code gauge steel. Cabinet shall be dead front, dead rear, wall mount unit and no larger than 18" H x 9" W x 10" D. All components shall be arranged so that they are serviceable from the front only.

Internal power wire shall be U.L Recognized, 125°C rated. All wires shall be neatly placed and bundled. Contractor wiring shall terminate in compression type terminals or branch circuit breakers. For ease of service, dimmers, power supplies and other electronics components shall be connectorized to plug-in. The completed dimmer cabinet assembly shall be U.L. Listed.

Dimmers shall operate in 0° – 40°C (32° – 104°F) ambient air temperature. Heat dissipation by the dimmers shall not exceed 2% of the connected load.

The dimmer module shall be completely solid state, utilizing Silicon Controlled Rectifiers (SCRs) in a back-to-back configuration to handle the full power load. To withstand the high inrush current of cold tungsten loads the single cycle surge current rating of the SCRs shall be at least 15 times the current rating of the dimmer. The dimmer shall have instant response without time delays caused by "soft start" circuits. Triac power devices shall not be acceptable.

Dimmer power circuitry shall contain toroidal chokes to minimize Radio Frequency Interference (RFI) and lamp filament noise. Chokes shall have powdered iron cores with no steel laminations to vibrate and make noise. Dimmer rise time shall be 450 microseconds as measured from zero to 90% of the curve. Dimmer control voltage shall meet the industry standard of 0 to +10 volts DC.

Dimming system manual control panel shall be Leviton Lighting Control Division CP series. Control panels shall be available to control up to 6 control channel. Each control channel shall control an unlimited amount of lighting and maintain accurate tracking of intensity throughout the dimming range.

Control panels with three or more slider controls shall have a Master slider to proportionally drive the individual sliders. Each station shall have an ON/OFF pushbutton with LED indicator. In areas where two or more stations control the same lighting, the ON pushbutton shall transfer control to the station being addressed.

Each slider shall have a travel not less then 45 millimeters. (1.77 inches). A scale of travel from 0 to 10 shall be silk screened on the panel surface in a contrasting color.

Control panel shall be flush wall mounted in a cast metal trim bezel using no visible means of attachment. Panels without a trim bezel or using small set screws for attachment shall not be acceptable.

Panel finish shall be Natural color grain sanded anodized aluminum with chrome trim bezel or as specified.

LEVITON SPECIFICATION SUBMITTAL

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JOB NUMBER:			

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