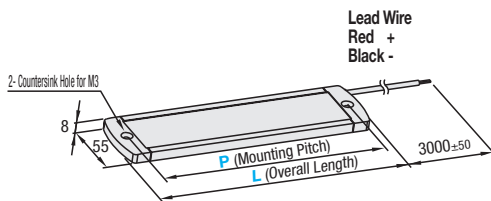


# LED Flat Lights / Dimming Controller Type

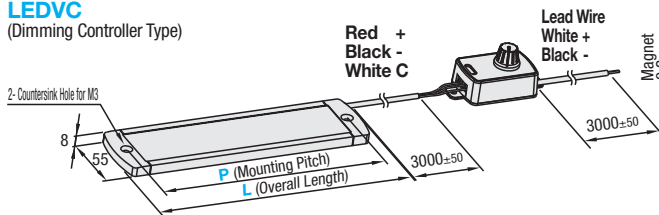
IP20



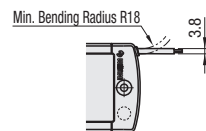
## LEDV



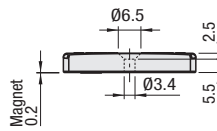
## LEDVC (Dimming Controller Type)



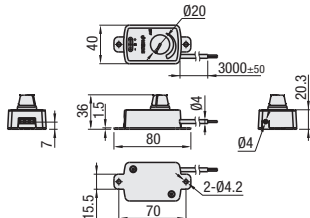
## Cable Detail



## Side View of the Mounting Interface



## Detailed Dimension of Light Controller (Accessory) (LEDVC only)



## Features

The illuminance uniformity is 80% or more.

- For AC Adapter and ON / OFF Switch, see P.1054.
- Light Control Unit is not sold separately.

Part Name	Material	Surface Treatment
Main Body	Aluminum	Black Paint
Cover for Main Body	Polycarbonate	-
Surface Cover	PET	Mist Surface Treatment
Magnet	Cobalt Magnets	-
Cable	Cross-linked Polyethylene	-
Light Controller	ABS Resin	-

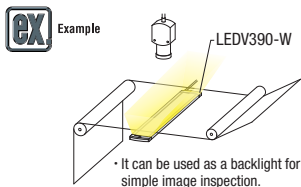
Part Number	Color	Installing Method	L	Illuminance (Lux, lx)		Fluorescent lamp illumination comparison (Ref.)	Input Voltage (V)	Input Current (mA)	Power Consumption (W)	Attraction Force (N/kgf)	Temperature Range (°C)	Color Temperature (Kelvin, K)	Luminous Intensity Angle	Mass (g)	LEDV			LEDVC				
				W (White)	lx/0.5m										lx/1m	6W~	10W~	20W~	DC24 ±10%	85	190	350
LEDV LEDVC (Dimming Controller Type)	W (White)	Countersunk Hole or Magnet	110	90	150	40	6W~	190	5	22.5 (2.3)	-20~45	5000	120°	140	1 - 9 pc(s)	10 - 19	20 - 50	1 - 9 pc(s)	10 - 19	20 - 50		
				190	380	100	10W~	350	9	480	22.5 (2.3)	-20~45	5000	120°	200	1 - 9 pc(s)	10 - 19	20 - 50	1 - 9 pc(s)	10 - 19	20 - 50	
				290	650	170	20W~	480	12	22.5 (2.3)	-20~45	5000	120°	260	1 - 9 pc(s)	10 - 19	20 - 50	1 - 9 pc(s)	10 - 19	20 - 50		
				390	410	750	210	20W~	480	12	22.5 (2.3)	-20~45	5000	120°	320	1 - 9 pc(s)	10 - 19	20 - 50	1 - 9 pc(s)	10 - 19	20 - 50	

The data for LEDVC (Dimming Controller Type) show the values at the maximum. For each detail, see the glossary on P.1055.

For order and installation, confirm "Notes on Usage" section on P.1056.

As the LED elements vary on their luminous colors and luminance, they may be slightly different in their colors and brightness, though they are of the same part numbers.

Ordering Example  
 Part Number - Color  
 LEDV190 - W  
 LEDVC390 - W



## Installing Method

Can be installed to the metal mating part by using magnets on the both ends of backside. Use the countersunk hole for fixing the lighting.

<Back Side Details>



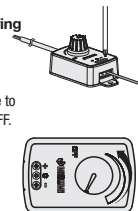
## Example of Dimmer Controller Wiring

Insert the leads and tighten the screws with a Phillips screwdriver.

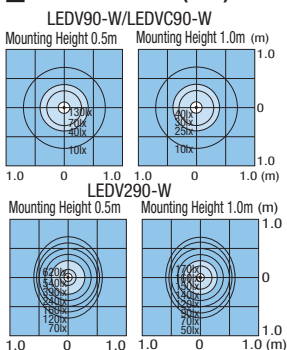
When a screw tightening the leads, be sure to disconnect the power or turn the power OFF.

## About power ON/OFF function

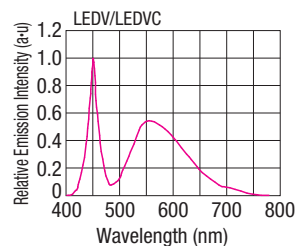
When the knob is turned all the way to the left, a click will be heard and the power will be OFF. The Dimming is by pulse control.



## Illuminance Data (Ref.)



## Light Emission Spectrum



The data for LEDVC (Dimming Controller Type) show the values at the maximum.