

LED Flat Lights / Dimming Controller Type

IP20

LED Flat Lights - Square / Dimming Controller Type

IP20

LEDV

Lead Wire Red + Black -

2-Countersink Hole for M3

8 55 P (Mounting Pitch) L (Overall Length) 3000±50

LEDVC (Dimming Controller Type)

Lead Wire Red + White C

Lead Wire White + Black -

2-Countersink Hole for M3

8 55 P (Mounting Pitch) L (Overall Length) 3000±50

Cable Detail

Min. Bending Radius R18

3.8

Side View of the Mounting Interface

06.5 2.5 03.4 5.5

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.

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

020 40 3000±50 04 20.3 04 7 1.5 80 15.5 70 2-04.2

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	-

LEDX

Lead Wire Red + Black -

2-M3 Countersink Hole Emission Side

8 L2 A P (Mounting Pitch) L1 3000±50

LEDXC (Dimming Controller Type)

Lead Wire Red + Black - White C

Lead Wire White + Black -

2-M3 Countersink Hole Emission Side

8 L2 A P (Mounting Pitch) L1 3000±50

Cable Detail

Min. Bending Radius R9

3.8

Side View of the Mounting Interface

06.5 2.5 03.4 5.5

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.

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

020 40 3000±50 04 20.3 04 7 1.5 80 15.5 70 2-04.2

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				
				Unit Price	Volume Discount Rate										Unit Price	Volume Discount Rate					
LEDV LEDVC (Dimming Controller Type)	W (White)	Countersink Hole or Magnet	110	150	40	6W~	DC24 ±10%	85	2	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	
				210	380	100									10W~	190	5	200			
				310	650	170									20W~	350	9	260			
				410	750	210										480	12	320			

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 countersink hole for fixing the lighting.

LEDV390-W

It can be used as a backlight for simple image inspection.

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.

The Dimming is by pulse control.

Illuminance Data (Ref.)

LEDV90-W/LEDVC90-W
LEDV190-W/LEDVC190-W
LEDV290-W
LEDV390-W/LEDVC390-W

Light Emission Spectrum

LEDV/LEDVC

Relative Emission Intensity (a.u.) vs Wavelength (nm)

Part Number	Color	Installing Method	L1	L2	A (Emission Surface Dimensions)	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)	LEDX		LEDXC				
						Unit Price	Volume Discount Rate										Unit Price	Volume Discount Rate					
LEDX LEDXC (Dimming Controller Type)	W (White)	Countersink Hole or Magnet	142	114	100	600	160	20W~	24	330	8	22.5 (2.3)	-20	45	5000	120°	200	1~4 pc(s)	5~9	10~	1~4 pc(s)	5~9	10~
						192	164	150										1300	340	40W~	715	17	45 (4.6)

The data for LEDXC (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
LEDX120 - W
LEDXC170 - W

Installing Method

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

LEDX170-W

It can be used as a simple image inspection light for large work.

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.

The Dimming is by pulse control.

Illuminance Data (Ref.)

LEDX120-W/LEDXC120-W
LEDX170-W/LEDXC170-W

Light Emission Spectrum

LEDX/LEDXC

Relative Emission Intensity (a.u.) vs Wavelength (nm)