

300W·600W high-capacity Constant voltage power supply IWDV(SL)-48 series Analog

It's suitable high-capacity voltage light for line-sensor · large surface light.
Simple control · low cost power supply.



- As it is capable of varying output voltage, the IWDV series is ideal for use with a line-sensor camera or high-speed camera.
- Available until 600W large size light of DC 48V.
- It's able to be simple control by stepless volume. External control is an analog 0-5V.

Model	IWDV-300SL-48	IWDV-600SL-48
Input Voltage	AC100~240V	
Operating Frequency	50/60Hz	
Rated Output	DC48V	
Capacity	300W	600W
Output Channel	1CH(2 connectors, 2 light connection ports per connector)	
Output Control Method	Variable output voltage system	
External Control	External ON/OFF External Output Control(Analog 0-5V)	

Supported Lights



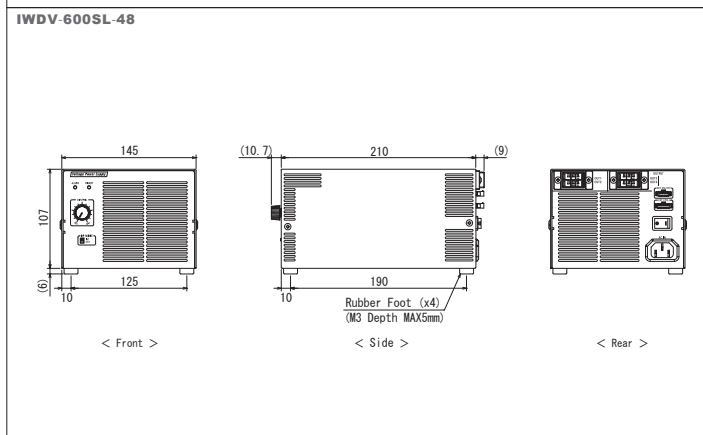
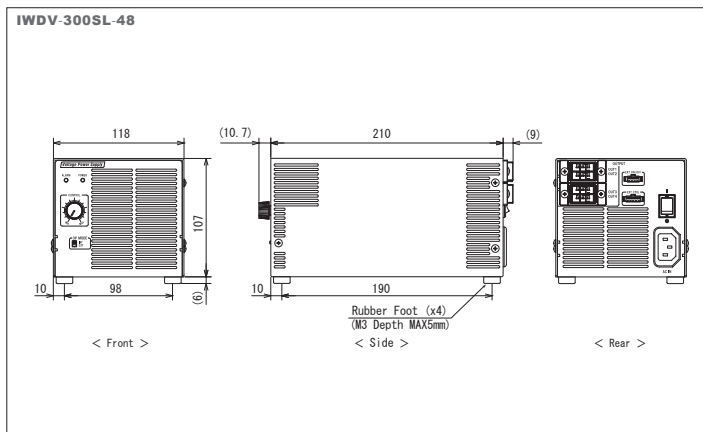
Large Flat-surface Light (White)
IFD series (P.51)



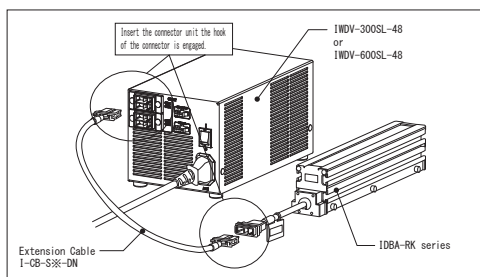
Replacable from fluorescent light
IDBA-RK series (P.18)

Connection cable

Model	Length (m)
I-CB-S1-DN	1
I-CB-S2-DN	2
I-CB-S3-DN	3
I-CB-S5-DN	5
I-CB-S7-DN	7
I-CB-S10-DN	10



Configuration example



External ON/OFF control cable

Pin No.	Wire Color	Model	Length (m)
1	White	IC-CB-D1	1
2	Green	IC-CB-D2	2
3	Red	IC-CB-D3	3
4	Black	IC-CB-D4	4
		IC-CB-D5	5
		IC-CB-D7	7
		IC-CB-D10	10

*Cables are also available in lengths other than those indicated above.

Output connector

By inputting analog 0-5V signal in EXT CTRL connector on the back of the body, brightness of LED lights can be controlled by from 0% to 100%.

EXT CTRL connector specification	Connection example																		
<table border="1"> <thead> <tr> <th>EXT CTRL</th> <th>Pin No.</th> <th>Signal content</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1</td> <td>+5V output</td> </tr> <tr> <td>2</td> <td>2</td> <td>0-5V input</td> </tr> <tr> <td>3</td> <td>3</td> <td>GND</td> </tr> <tr> <td>4</td> <td>4</td> <td>NC</td> </tr> <tr> <td>5</td> <td>5</td> <td>NC</td> </tr> </tbody> </table>	EXT CTRL	Pin No.	Signal content	1	1	+5V output	2	2	0-5V input	3	3	GND	4	4	NC	5	5	NC	
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Analog 0-5V dimming control cable

Pin No.	Wire Color	Model	Length (m)
1	White	IC-TH-S1	1
2	Red	IC-TH-S2	2
3	Black	IC-TH-S3	3
4	N/A	IC-TH-S4	4
5	N/A	IC-TH-S5	5
		IC-TH-S10	10

*Cables are also available in lengths other than those indicated above.

INDEX
Line Light
Ring Light
Bar Light
Transmissive Light
Dome Light
Coaxial Light
Special Light
Power Supplies
Optional Accessories