300W・600W high-capacity voltage light control power supply

IWDV(SL)-48 series Analog

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

CE PSE

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・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 illumination 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 lighting connection ports per conector)	
Light Control Method	Variable output voltage system	
External Control	External ON/OFF External light control(Analog 0–5 V)	

Supported Lights
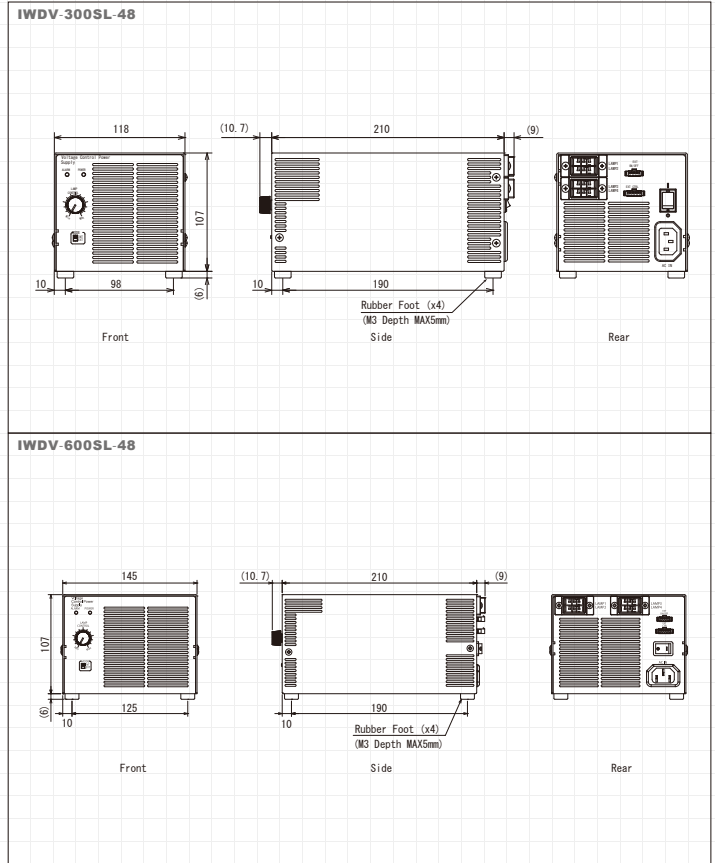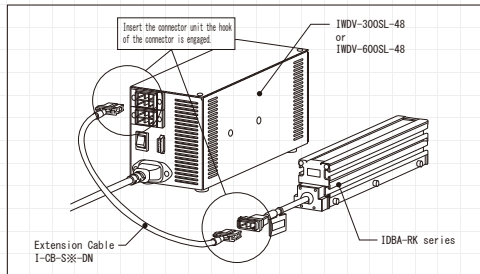

Large Flat-surface Light(White)
IFD series(P.38)

Replacable from fluorescent light
IDBA-RK series(P.15)

Connection cable

IFD series IDBA-RK series

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-S10-DN	10

Configuration exapmle

Insert the connector unit the hook of the connector is engaged.

IWDV-300SL-48 or IWDV-600SL-48

Extension Cable I-CB-S※-DN

IDBA-RK series

Output connector

By inputing analogue 0-5v signal in EXT CTRL connector on the back of the body, brightness of LED lights can be controled by from 0% to 100%.

EXT CTRL connector specification

EXT CTRL

Pin No.	Signal content
1	+5V output
2	0-5V input
3	GND
4	NC
5	NC

Connection example

+5V
0-5V input
IWDV-300SL-48 side User side

IWDV-300SL-48

118 (10.7) 210 (9)

Voltage Control Power Supply

107 (6)

10 98 10 190

Rubber Foot (x4)
(M3 Depth MAX5mm)

Front Side Rear

IWDV-600SL-48

145 (10.7) 210 (9)

107 (6)

10 125 10 190

Rubber Foot (x4)
(M3 Depth MAX5mm)

Front Side Rear

External ON/OFF control cable.

Pin No.	Wire Color
1	Wihite
2	Green
3	Red
4	Black

SMR-04V-B

0.3SQ×4cores
Finished outer diameter φ5.2

Length(m) 30mm

Model	Lengte(m)
IC-CB-D1	1
IC-CB-D2	2
IC-CB-D3	3
IC-CB-D4	4
IC-CB-D5	5
IC-CB-D10	10

*Cables are also available in lengths other than those indicated above.
*SM connectors are made by JST.

Analog 0-5V dimming control cable

Pin No.	Wire Color
1	Wihite
2	Red
3	Black
4	N/A
5	N/A

SMR-05V-B

0.3SQ×3cores
Finished outer diameter φ4.8

Length(m) 30mm

Model	Lengte(m)
IC-TH-S1	1
IC-TH-S2	2
IC-TH-S3	3
IC-TH-S4	4
IC-TH-S5	5
IC-TH-S10	10

*Cables are also available in lengths other than those indicated above.
*SM connectors are made by JST.