

# Super Overdrive Flashing Illumination [ISS Series]

Achieves the industry's highest level of brightness,  
up to a maximum of 8 million lx! (\*ISSDBA-C90/20W at LWD=30mm)

Overwhelming in high-speed shutter imaging scenes

Power LEDs

※ Cannot be used for continuous lighting

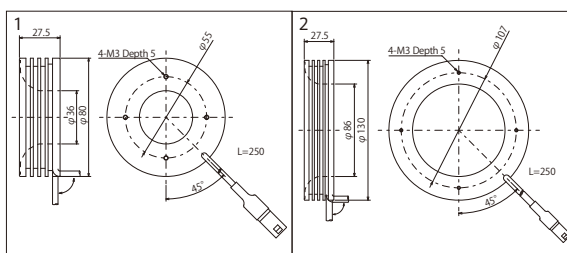


## Multi-Position Ring Type: ISSMAR series



Model	Color	Cable	Peak Current (Ao-p)	Input Voltage	SAG(※)	Drawing
ISSMAR-80□	R W B	For 1ch	9	DC36V	FF	1
ISSMAR-130□-2CH	R W B	For 2ch	18	DC36V	FF	2

※SAG: The maximum instantaneous upper limit output voltage setting value in the controller for the corresponding illumination when used in combination with the Overdrive controller.

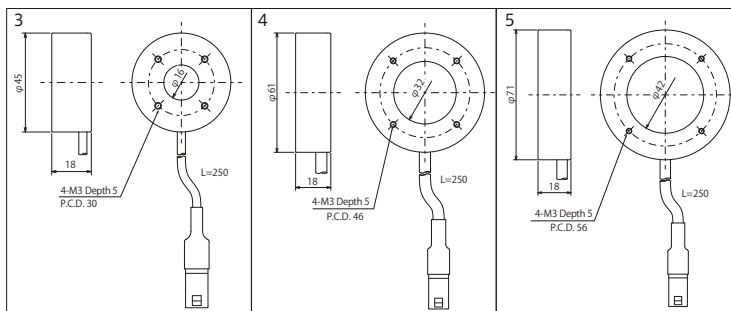


## Ring Type: ISSDR series



Model	Color	Cable	Peak Current (Ao-p)	Input Voltage	SAG(※)	Drawing
ISSDR-F45/16□	R W B	1ch用	9	DC36V	FF	3
ISSDR-F61/32□-2CH	R W B	2ch用	14.4	DC36V	FF	4
ISSDR-F71/42□-2CH	R W B	2ch用	18	DC36V	FF	5

※SAG: The maximum instantaneous upper limit output voltage setting value in the controller for the corresponding illumination when used in combination with the Overdrive controller.

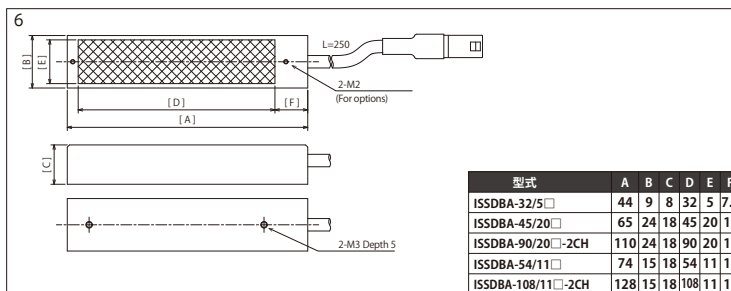


## Bar Type: ISSDBA series



Model	Color	Cable	Peak Current (Ao-p)	Input Voltage	SAG(※)	Drawing
ISSDBA-32/5□	R W B	1ch用	1.8	DC36V	FF	6
ISSDBA-45/20□	R W B	1ch用	9	DC36V	FF	6
ISSDBA-90/20□-2CH	R W B	2ch用	18	DC36V	FF	6
ISSDBA-54/11□	R W B	1ch用	5.4	DC36V	FF	6
ISSDBA-108/11□-2CH	R W B	2ch用	10.8	DC36V	FF	6

※SAG: The maximum instantaneous upper limit output voltage setting value in the controller for the corresponding illumination when used in combination with the Overdrive controller.

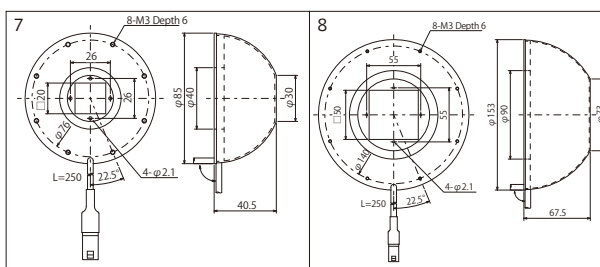


## Dome Type: ISSDDA series



Model	Color	Cable	Peak Current (Ao-p)	Input Voltage	SAG(※)	Drawing
ISSDDA-KH80□	R W B	1ch用	9	DC36V	FF	7
ISSDDA-KH150□-2CH	R W B	2ch用	18	DC36V	FF	8

※SAG: The maximum instantaneous upper limit output voltage setting value in the controller for the corresponding illumination when used in combination with the Overdrive controller.

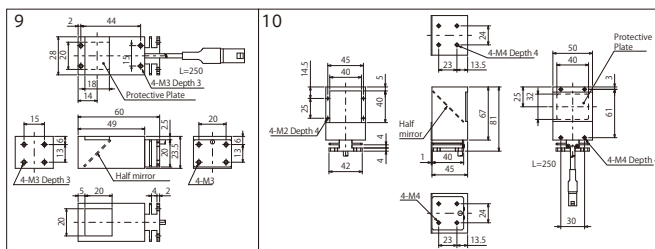


## Coaxial type: ISSFVA series



Model	Color	Cable	Peak Current (Ao-p)	Input Voltage	SAG(※)	Drawing
ISSFVA-20□	R W B	1ch用	3.6	DC36V	FF	9

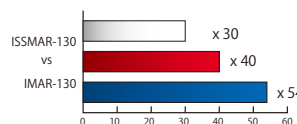
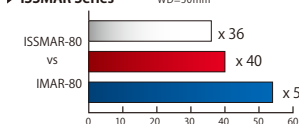
※SAG: The maximum instantaneous upper limit output voltage setting value in the controller for the corresponding illumination when used in combination with the Overdrive controller



## Luminance Comparison

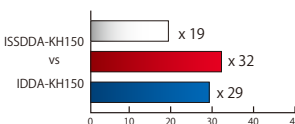
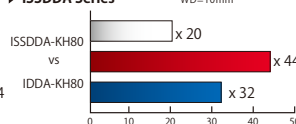
► ISSMAR Series

WD=50mm



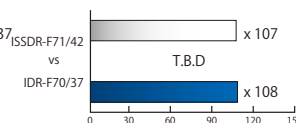
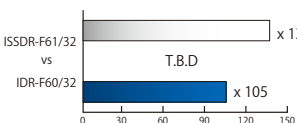
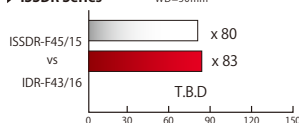
## ▶ ISSDDA Series

WD=10mm



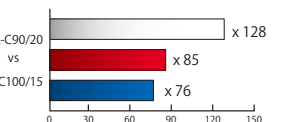
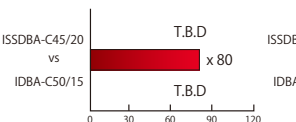
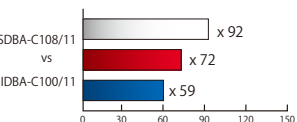
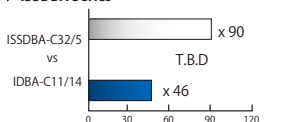
► ISSDR Series

WD=50mm



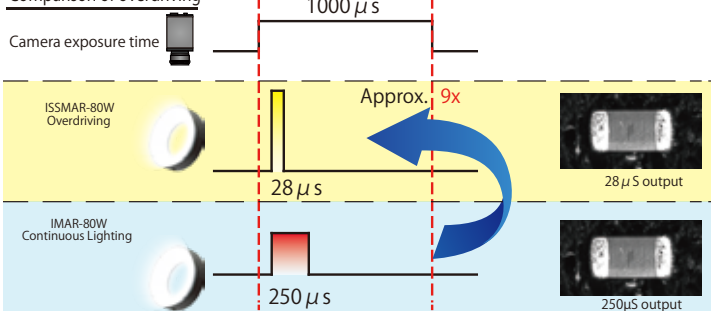
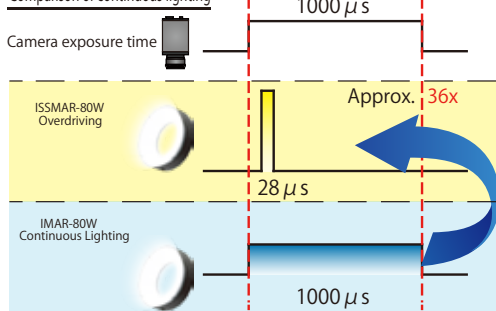
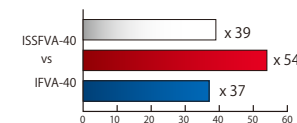
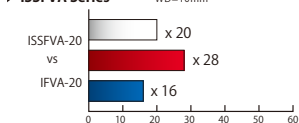
► ISSDBA Serie

WD=50mm



## ► ISSFVA Series

WD=10mm



Achieve the same brightness with shorter emission time thanks to increased light output!

— A comparison of imaging under the same exposure time (subject: black rubber sheet).

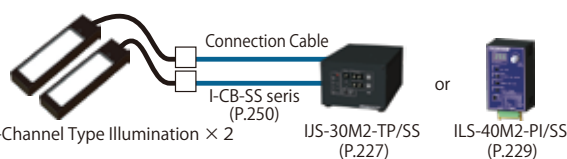
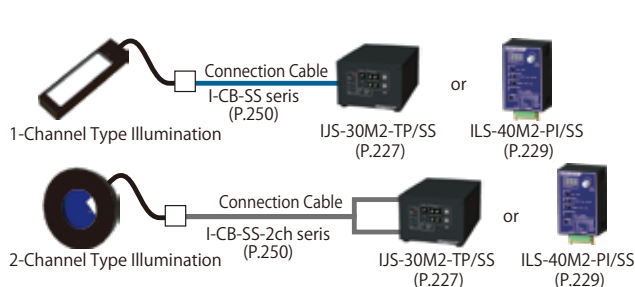
IDR-F70/37DW

ISHRA-80W

ISSDR-F71/42W-2C

In the case of steady light with an emission time of 28  $\mu$ s, it is generally considered to be dim.

## Connection with Dedicated Controller



- |                     |              |                               |                               |                                |                           |                            |                            |   |
|---------------------|--------------|-------------------------------|-------------------------------|--------------------------------|---------------------------|----------------------------|----------------------------|---|
| Controller products | Net products | Special illumination products | Coastal illumination products | Domestic illumination products | Bar illumination products | Ring illumination products | Line illumination products | IBDB-LSRF                                       |
|                     |              |                               |                               |                                |                           |                            |                            | IBDC-LSR  |
|                     |              |                               |                               |                                |                           |                            |                            | IDBB-LSRH                                       |
|                     |              |                               |                               |                                |                           |                            |                            | IDBB-LSRA                                       |
|                     |              |                               |                               |                                |                           |                            |                            | IDBB-LSRS                                       |
|                     |              |                               |                               |                                |                           |                            |                            | IDBB-LSRC                                       |
|                     |              |                               |                               |                                |                           |                            |                            | IDBB-LSRC                                       |
|                     |              |                               |                               |                                |                           |                            |                            | IDBC-RE   |
|                     |              |                               |                               |                                |                           |                            |                            | IDBB-RE   |
|                     |              |                               |                               |                                |                           |                            |                            | IDBK-RE   |
| Controller products | Net products | Special illumination products | Coastal illumination products | Domestic illumination products | Bar illumination products | Ring illumination products | Line illumination products | IQDH-RE   |
|                     |              |                               |                               |                                |                           |                            |                            | IMAR-D-8ch                                      |
|                     |              |                               |                               |                                |                           |                            |                            | IDR-LA-8ch                                      |
|                     |              |                               |                               |                                |                           |                            |                            | IDRA-T-8ch                                      |
|                     |              |                               |                               |                                |                           |                            |                            | IMAR-D  |
|                     |              |                               |                               |                                |                           |                            |                            | IMAR-CT-D                                       |
|                     |              |                               |                               |                                |                           |                            |                            | IHR-LE  |
|                     |              |                               |                               |                                |                           |                            |                            | IHRB-IHRA                                       |
|                     |              |                               |                               |                                |                           |                            |                            | IDR-FR  |
|                     |              |                               |                               |                                |                           |                            |                            | IDR-F37/16                                      |
| Controller products | Net products | Special illumination products | Coastal illumination products | Domestic illumination products | Bar illumination products | Ring illumination products | Line illumination products | IDR   |
|                     |              |                               |                               |                                |                           |                            |                            | IDR-L   |
|                     |              |                               |                               |                                |                           |                            |                            | IDRA-T  |
|                     |              |                               |                               |                                |                           |                            |                            | IFR   |
|                     |              |                               |                               |                                |                           |                            |                            | IDB-HM  |
|                     |              |                               |                               |                                |                           |                            |                            | IDBA-HMS  |
|                     |              |                               |                               |                                |                           |                            |                            | IDBA-HMS-IR                                     |
|                     |              |                               |                               |                                |                           |                            |                            | IDBA-FD   |
|                     |              |                               |                               |                                |                           |                            |                            | IDBA-LH2  |
|                     |              |                               |                               |                                |                           |                            |                            | IDBA-LEH  |
| Controller products | Net products | Special illumination products | Coastal illumination products | Domestic illumination products | Bar illumination products | Ring illumination products | Line illumination products | IDBA-LE   |
|                     |              |                               |                               |                                |                           |                            |                            | IDBA-SE   |
|                     |              |                               |                               |                                |                           |                            |                            | IDBA-SL   |
|                     |              |                               |                               |                                |                           |                            |                            | IDBA  |
|                     |              |                               |                               |                                |                           |                            |                            | IDBA-Q  |
|                     |              |                               |                               |                                |                           |                            |                            | IFLA-I  |
|                     |              |                               |                               |                                |                           |                            |                            | IFLB  |
|                     |              |                               |                               |                                |                           |                            |                            | IDHM  |
|                     |              |                               |                               |                                |                           |                            |                            | IHMA  |
|                     |              |                               |                               |                                |                           |                            |                            | IHMA-V  |
| Controller products | Net products | Special illumination products | Coastal illumination products | Domestic illumination products | Bar illumination products | Ring illumination products | Line illumination products | IFPA  |
|                     |              |                               |                               |                                |                           |                            |                            | IFD   |
|                     |              |                               |                               |                                |                           |                            |                            | IFD-IR  |
|                     |              |                               |                               |                                |                           |                            |                            | IHMA-40D  |
|                     |              |                               |                               |                                |                           |                            |                            | IFPA-D  |
|                     |              |                               |                               |                                |                           |                            |                            | IPOC  |
|                     |              |                               |                               |                                |                           |                            |                            | IFHA  |
|                     |              |                               |                               |                                |                           |                            |                            | IDDB-KH-IDK                                     |
|                     |              |                               |                               |                                |                           |                            |                            | IDUB  |
|                     |              |                               |                               |                                |                           |                            |                            | IDD   |
| Controller products | Net products | Special illumination products | Coastal illumination products | Domestic illumination products | Bar illumination products | Ring illumination products | Line illumination products | IDD-CC  |
|                     |              |                               |                               |                                |                           |                            |                            | IQD-I   |
|                     |              |                               |                               |                                |                           |                            |                            | IQDH-I  |
|                     |              |                               |                               |                                |                           |                            |                            | IQDB-CC   |
|                     |              |                               |                               |                                |                           |                            |                            | IFVA-IFVB                                       |
|                     |              |                               |                               |                                |                           |                            |                            | IFVA-ST   |
|                     |              |                               |                               |                                |                           |                            |                            | IFV   |
|                     |              |                               |                               |                                |                           |                            |                            | IV-14   |
|                     |              |                               |                               |                                |                           |                            |                            | IHV-20  |
|                     |              |                               |                               |                                |                           |                            |                            | IHV-21  |
| Controller products | Net products | Special illumination products | Coastal illumination products | Domestic illumination products | Bar illumination products | Ring illumination products | Line illumination products | IHVA-SP-IHSL-SP                                 |
|                     |              |                               |                               |                                |                           |                            |                            | IBF   |
|                     |              |                               |                               |                                |                           |                            |                            | IHF-FX  |
|                     |              |                               |                               |                                |                           |                            |                            | RBOX  |
|                     |              |                               |                               |                                |                           |                            |                            | IDB-CH  |
|                     |              |                               |                               |                                |                           |                            |                            | IDHRA   |
|                     |              |                               |                               |                                |                           |                            |                            | UV-CAN  |
|                     |              |                               |                               |                                |                           |                            |                            | Infrared  |
|                     |              |                               |                               |                                |                           |                            |                            | IMAR-RGB  |
|                     |              |                               |                               |                                |                           |                            |                            | IDDA-KH-RGB                                     |
| RGB Full-color      |              |                               |                               |                                |                           |                            |                            |   |
| Controller products | Net products | Special illumination products | Coastal illumination products | Domestic illumination products | Bar illumination products | Ring illumination products | Line illumination products | ISS   |
|                     |              |                               |                               |                                |                           |                            |                            | IUS   |
|                     |              |                               |                               |                                |                           |                            |                            | Introduction of Customization                   |
|                     |              |                               |                               |                                |                           |                            |                            | High-speed synchronous image capture technology |
|                     |              |                               |                               |                                |                           |                            |                            | IS-24   |
|                     |              |                               |                               |                                |                           |                            |                            | Image capture evaluation technology             |
|                     |              |                               |                               |                                |                           |                            |                            | IDMU  |
|                     |              |                               |                               |                                |                           |                            |                            | ILP   |
|                     |              |                               |                               |                                |                           |                            |                            | ILC   |
|                     |              |                               |                               |                                |                           |                            |                            | ILV   |
| Controller products | Net products | Special illumination products | Coastal illumination products | Domestic illumination products | Bar illumination products | Ring illumination products | Line illumination products | ILS   |
|                     |              |                               |                               |                                |                           |                            |                            | IPPA-G-IRPA-G                                   |
|                     |              |                               |                               |                                |                           |                            |                            | IPSA-IPRA                                       |
|                     |              |                               |                               |                                |                           |                            |                            | IDGC  |
|                     |              |                               |                               |                                |                           |                            |                            | IDPA  |
|                     |              |                               |                               |                                |                           |                            |                            | IDCA  |
|                     |              |                               |                               |                                |                           |                            |                            | IMC   |
|                     |              |                               |                               |                                |                           |                            |                            | IWDV-24   |
|                     |              |                               |                               |                                |                           |                            |                            | (IWDV)-S  |
|                     |              |                               |                               |                                |                           |                            |                            | ISD   |
| Controller products | Net products | Special illumination products | Coastal illumination products | Domestic illumination products | Bar illumination products | Ring illumination products | Line illumination products | IJS   |
|                     |              |                               |                               |                                |                           |                            |                            | IJS-30M2-T/PS                                   |
|                     |              |                               |                               |                                |                           |                            |                            | ILS-40M2-P/SS                                   |
|                     |              |                               |                               |                                |                           |                            |                            | SAG   |
|                     |              |                               |                               |                                |                           |                            |                            | SLUB  |
|                     |              |                               |                               |                                |                           |                            |                            | ILUB  |
|                     |              |                               |                               |                                |                           |                            |                            | ILF   |
|                     |              |                               |                               |                                |                           |                            |                            | ILB   |
|                     |              |                               |                               |                                |                           |                            |                            | ILC   |
|                     |              |                               |                               |                                |                           |                            |                            | ILS   |