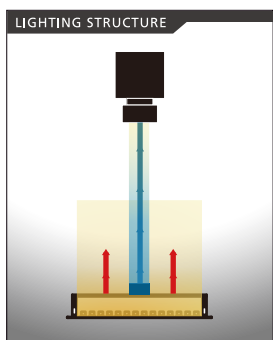
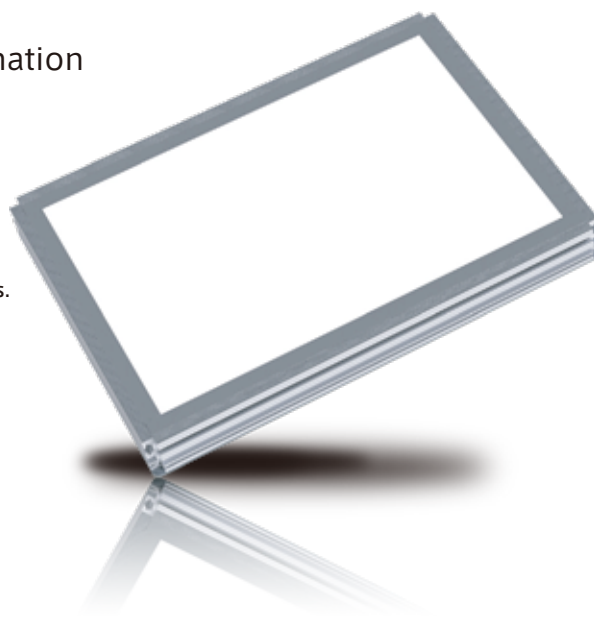


Backlight-High Uniformity Large Area Illumination [IFD Series]

95% uniformity Achieved large area illumination
Ideal for replacing fluorescent backlights

High Uniformity

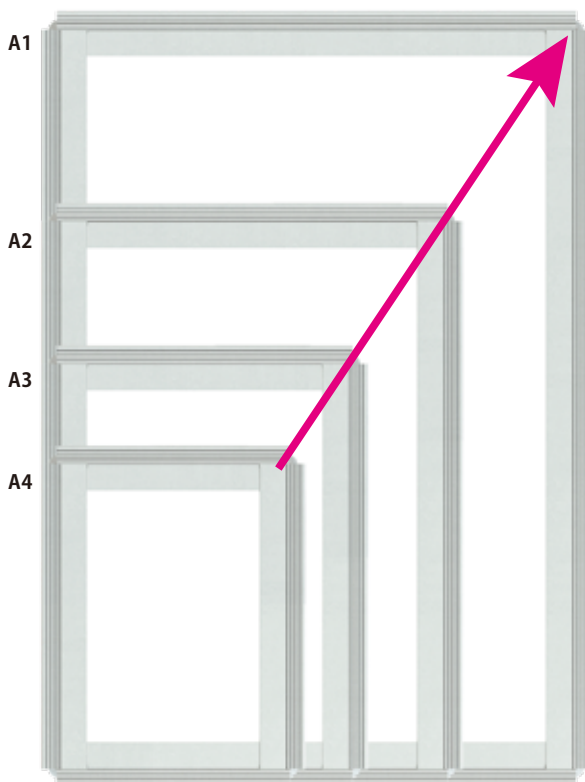
Achieve lighting quality equivalent to fluorescent lamps.
Standard release in sizes ranging from A4 to A1.
Sizes larger than 500mm can be customized by 100mm increments.



Standard Size Lineup

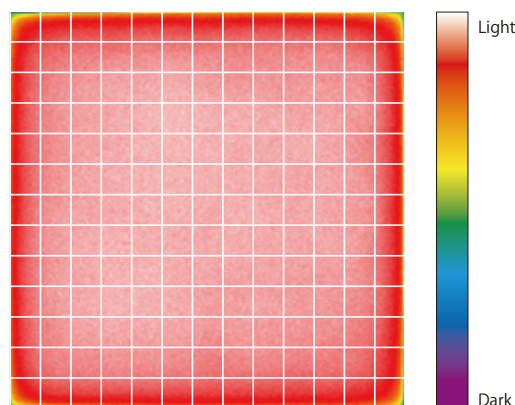
Standard release in sizes ranging from A4 to A1.

Sizes From A4 To A1 Are Available As Standards.



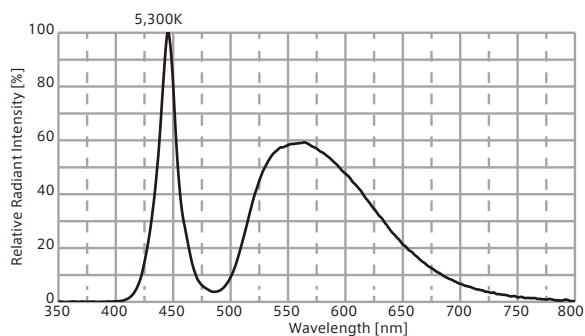
Emitting Surface Luminance Distribution(Ref.Value)

Achieved illuminate the area with uniformity of within 5%,
excluding approximately 50mm from the outer edge of the
emitting surface.
Used Illumination:IFD-400/400W



IDBB-LSRF	Line illumination products
IDBC-LSR	
IDBB-LSRH	
IDBB-LSRA	
IDBB-LSRS	
IDBC-LSRC	
IDBB-LSRC	
IDBC-RE	
IDBB-RE	
IDBA-RK	
IQDH-RE	
IMAR-D_8ch	
IDR-LA-8ch	
IDRA-T-8ch	
IMAR-D	
IMAR-CT D	
IHR-LE	
IHRB • IHRA	
IDR-F	
IDR-F33/16	
IDR	
IDR-LA	
IDRA-T	
IFR • IPR	
IDBA-HM	
IDBA-HMS	
IDBA-HMS-IR	
IDBA-FD	
IDBA-LEH2	
IDBA-LEH	
IDBA-LE	
IDBA-SE	
IDBA-SL	
IDBA	
IDBA-Q	
IFLA • IFLB	
IDHM	
IHMA	
IHMA-V	
IFPA	
IFD	
IFD-IR	
IHMA-40D	
IFPA-D	
IPQC	
IFHA	
IDDB-KH • IDDA-KH	
IDUB	
IDD	
IDD-CB	
IQD • IQDH	
IQDA-CB	
IFVA • IFVB	
IFVA-ST	
IFV	
IV-14 • IV-30	
IHV-20 • IHVE-21	
IHVA-SP • IHSL-SP	
IBF	
IHV-FX	
RBOX	
IDBB-CH	
IDHRA	
UV-CAN	
Infrared	
Infrared	
IMAR-RGB	
IDDA-KH-RGB	
RGB Full-color	
ISU	
ISS	
Introduction of Customization	
High-speed and high-resolution products	
ISC-24	
Image capture evaluation kit products	
IDMU	
ILP	
ILC	
ILV	
ILS	
IPPA_G • IRPA_G	
IPSA • IPPA	
IDGC	
IDPA	
IDCA	
IMC	
IWDV-24	
IWDV(S)-48	
ISC	
JS	
JS-30M2-TP/SS	
ILS-40M2-PI/SS	
SAG	
SLLUB	
LLUB	
IFIC	

Optical Spectrum (Ref.Value)



Size	Model	Color	Power Consumption(W)	Input Voltage	Applicable Controller
A4	IFD-300/200W	W	30	DC48V	IWDV-120S-48 IWDV-300S-48-C1 (P.219)
A3	IFD-400/300W	W	60		
A2	IFD-600/400W	W	120		
A1	IFD-800/600W	W	240		

★Please note that the illumination cannot be directly connected to the controller, a connection cable of any length is necessary.

★Please refer to I-CB-S ■-DNEL(p.249) for the connection cable. ★ The length of the cable (m) will be indicated in the ■ section. (■ = 1, 2, 3, 5, 7, 10)

Connection Cable For DC48V Illumination

I-CB-S_-DNEL Series

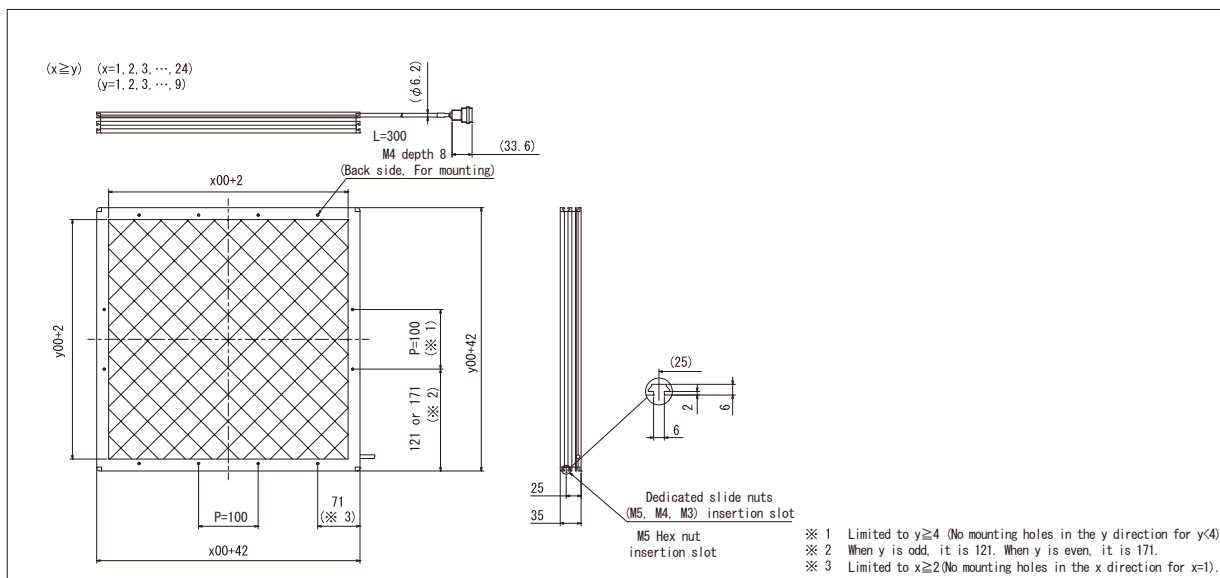
This is a cable used for DC48V illuminations such as IDBA-FD and IFD, compatible with IWDV-48-C1 series & IWDV-120S-48. For the connection with the other IWDV-48 series controllers that do not have the "-C1" suffix at the end of the model, please use the I-CB-S_-DN cable.



Recommended Digital Controller(Voltage Control)

IWDV-48 Series

Ideal high-capacity controller for line sensors and large surface illuminations
Output control: 1,000 levels
External control: Ethernet and 10-bit parallel communications, ON/OFF control



Line Illumination products

IDBB-LSRF
IDBC-LSR
IDBB-LSRH
IDBB-LSRA
IDBB-LSRS
IDBC-LSRC
IDBB-LSRC
IDBC-RE
IDBB-RE
IDBA-RK
IQDH-RE
IMAR-D_-8ch
IDR-LA-8ch
IDRA-T-8ch
IMAR-D
IMAR-CT D
IHR-LE
IHRB · IHRA
IDR-F
IDR-F33/16
IDR
IDR-LA
IDRA-T
IFR · IPR

Ring Illumination products

IDBA-HM
IDBA-HMS
IDBA-HMS-IR
IDBA-FD
IDBA-LEH2
IDBA-LEH
IDBA-LE
IDBA-SE
IDBA-SL
IDBA
IDBA-Q

Bar Illumination products

IFLA · IFLB
IDHM
IHMA
IHMA-V
IFPA
IFD
IFD-IR
IHMA-40D
IFPA-D
IPQC
IFHA
IDDB-KH · IDDA-KH
IDUB
IDD
IDD-CB
IQD · IQDH
IQDA-CB
IFVA · IFVB
IFVA-ST
IFV
IV-14 · IV-30
IHV-20 · IHVE-21
IHVA-SP · IHSL-SP

Transmitted/area Illumination products

IBF
IHV-FX
RBOX
IDBB-CH
IDHRA
UV-CAN
Infrared
Infrared
IMAR-RGB
IDDA-KH-RGB
RGB Full-color
ISU
ISS

Dome Illumination products

Introduction of Customization
High-speed synchronous imaging state kit products
ISC-24
Image capture evaluation kit products

Special Illumination products

for products

Controller products

IDMU
ILP
ILC
ILV
ILS
IPPA · G · IRPA · G
IPSA · IPPA
IDGC
IDPA
IDCA
IMC
IWDV-24
IWDV(S)-48
ISC
IJS
US-30M2-TP/SS
ILS-40M2-PI/SS
SAG
SLLUB
LLUB
IFIC