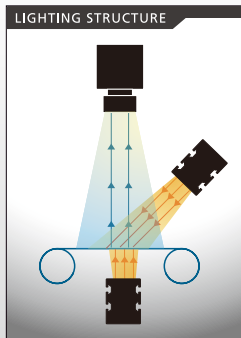


High Cost-Performance Backlight Line Illumination(Natural Air Cooling) [IDBA-RK Series]

High uniformity backlight line illumination
Best for replacing fluorescent light

High Spec Low Cost

- Applications**
- Film/FPD-related /Steel/Glass etc.industries
 - ➔ Mark/ Dirt/ Foreign matter inspection etc.
 - Food/ Packaging/ Pharmaceutical etc. industries
 - ➔ Dirt / Bite inspection of wrap etc.

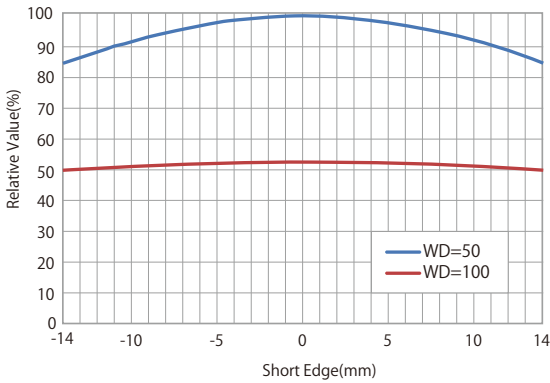


- This is a high-performance linear illumination that inherits our established lighting technology while minimizing costs.
- Best for replacing inspection fluorescent light illumination.

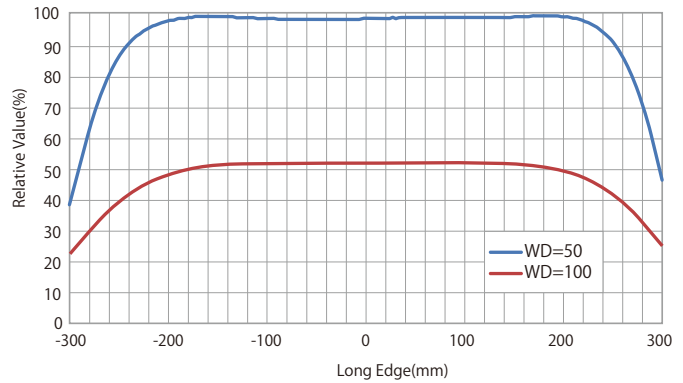
Standard Size Lineup 200~2,400mm(per.200mm)

Luminance Distribution Chart(Ref.Value)

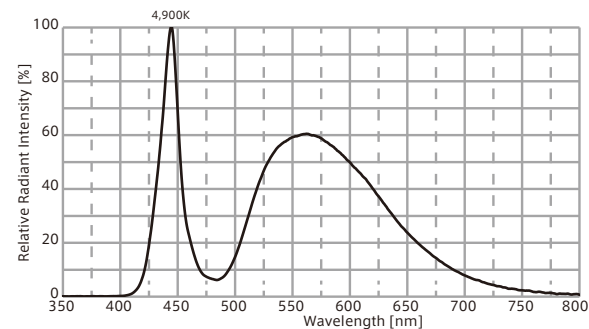
Lateral Direction(IDBA-RK600W)



Longitudinal Direction(IDBC-RE300W)

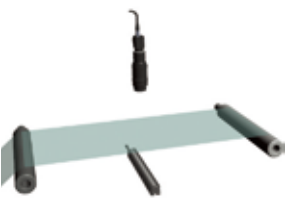


Optical Spectrum(Ref.Value)



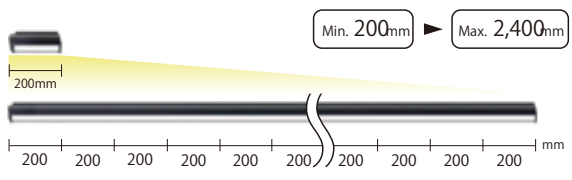
- IDBB-LSRF
- IDBC-LSR
- IDBB-LSRH
- IDBB-LSRA
- IDBB-LSRS
- IDBC-LSRC
- IDBB-LSRC
- IDBC-RE
- IDBB-RE
- IDBA-RK
- IQDH-RE
- IMAR-D_8ch
- IDR-LA-8ch
- IDRA-T-8ch
- IMAR-D
- IMAR-CT D
- IHR-LE
- IHRB · IHRA
- IDR-F
- IDR-F33/16
- IDR
- IDR-LA
- IDRA-T
- IFR · IPR
- IDBA-HM
- IDBA-HMS
- IDBA-HMS-IR
- IDBA-FD
- 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
- IPOC
- 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 synchronous image rate products
- ISC-24
- Image capture evaluation kit products
- Kit products
- IDMU
- ILP
- ILC
- ILV
- ILS
- IPPA_G · IRPA_G
- IPSA · IPPA
- IDGC
- IDPA
- IDCA
- IMC
- IWDV-24
- IWDV(S)-48
- ISC
- IJS
- IJS-30M2-TP/SS
- ILS-40M2-PI/SS
- SAG
- SLLUB
- LLUB
- IFIC

Foreign Object Inspection for Film



Used Illumination: IDBA-RK200W
Object: Film

A Wide Range of size Variations Available



Long lengths up to 2,400mm are standardly available(per. 200mm)!

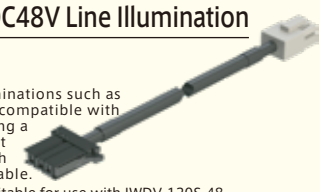
Model	Color	Power Consumption(W)	Input Voltage	Applicable Controller	Drawing
IDBA-RK200W	W	19	DC48V	IWDV-120S-48 (P.219)	n=2
IDBA-RK400W	W	38			n=4
IDBA-RK600W	W	57			n=6
IDBA-RK800W	W	76			n=8
IDBA-RK1000W	W	95			n=10
IDBA-RK1200W	W	114			n=12
IDBA-RK1400W	W	133		IWDV-300S-48-C1 (P.219)	n=14
IDBA-RK1600W	W	152			n=16
IDBA-RK1800W	W	171			n=18
IDBA-RK2000W	W	190			n=20
IDBA-RK2200W	W	209			n=22
IDBA-RK2400W	W	228			n=24

- ★Please note that the illumination which length is over 1,000mm, cannot be directly connected to the controller, a connection cable of any length is necessary.
- ★Please refer to P.249 for details regarding the connection cable: I-CB-S-■-DNEL.
- ★The length of the cable (m) will be indicated in the ■ section. (■=1, 2, 3, 5, 7, 10)

Connection Cable For DC48V Line Illumination

I-CB-S-■-DNEL Series

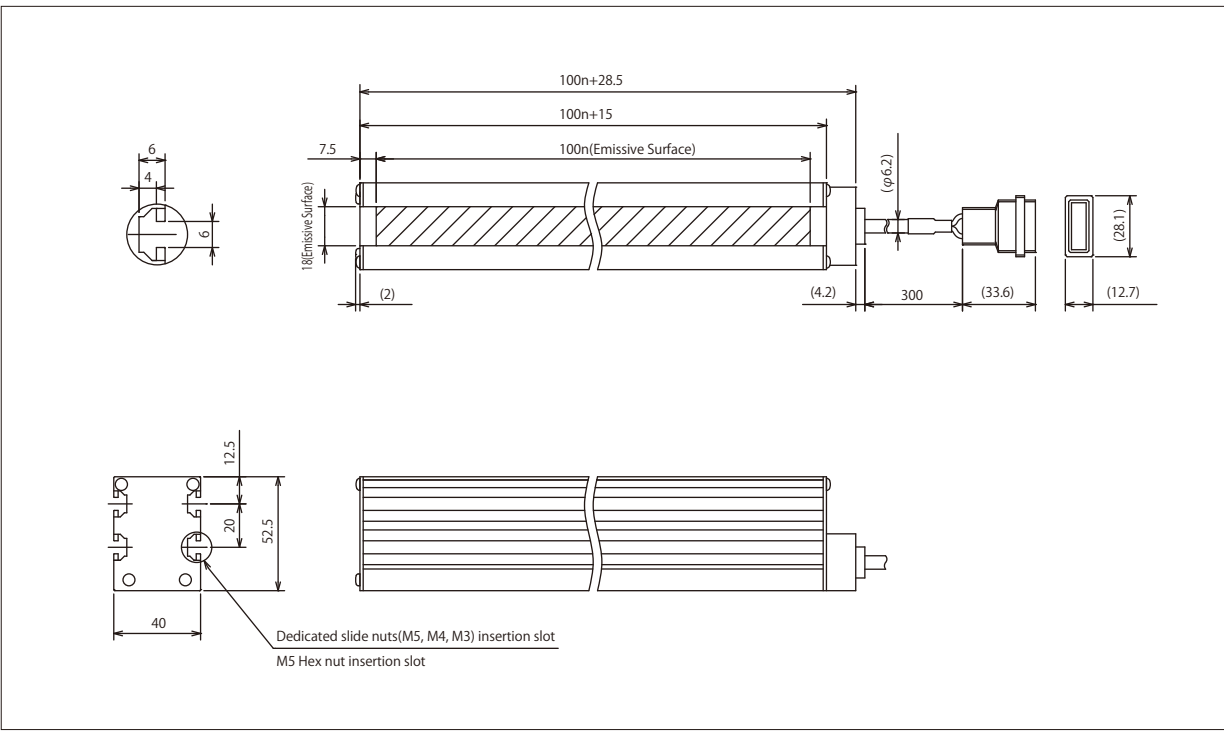
This cable is used for DC48V illuminations such as IDBA-RK, IDBA-FD, IFD, which are compatible with the -C1 of IWDV-48. If you are using a controller without the -C1 suffix at the end of the model number with IWDV-48, please use I-CB-S-■-DN cable.
※Please note that I-CB-S-■-DNEL is suitable for use with IWDV-120S-48.



Applicable Digital Controller(Voltage control)

IWDV-120S-48
IWDV-300S-48-C1

Output control: 1,000 levels
External control: Ethernet and 10-bit parallel communications, ON/OFF control
Please refer to P. 217 for more details.



- 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
 - IDBA-HM
- Ring illumination products
 - 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
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 - Infrared
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 - IDDA-KH-RGB
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 - ISC-24
 - Image capture evaluation kit products
 - IDMU
 - ILP
 - ILC
 - ILV
 - ILS
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 - IPSA · IPPA
 - IDGC
 - IDPA
 - IDCA
 - IMC
 - IWDV-24
 - IWDV(S)-48
 - ISC
 - IJS
 - IJS-30M2-TP/SS
 - ILS-40M2-PI/SS
 - SAG
 - SLLUB
 - LLUB
 - IFIC