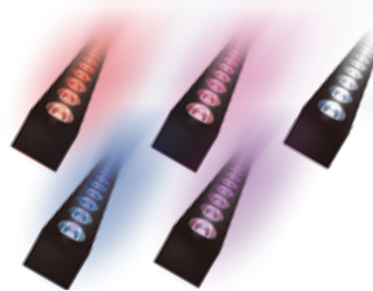
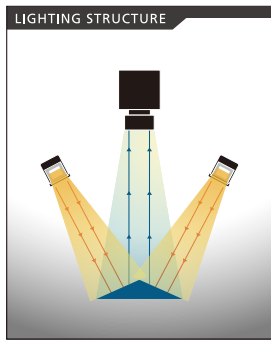


Long-distance Irradiate Bar Illumination-B' C Bar [IDBA-LE-A Series]

Ideal for large objects or long-distance irradiate applications
Available in White, Blue, Red, Infrared, and Ultraviolet

Power LEDs 25V DC Models Available Low Cost

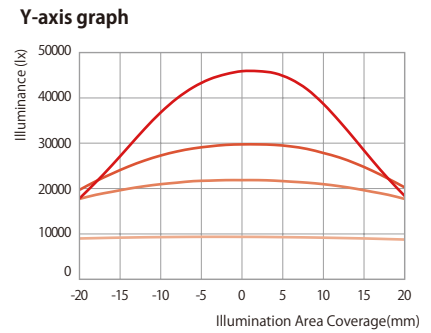
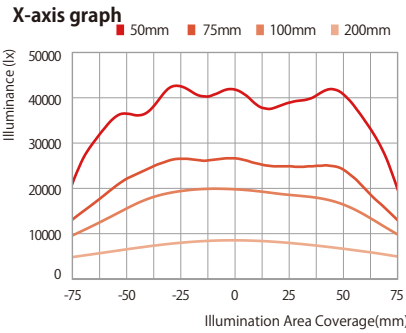
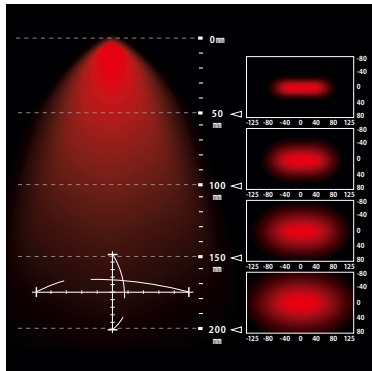
Ideal bar illumination for large and long-length objects irradiation.
Wide-angle light distribution (S type) and narrow-angle light distribution (L type). 2 types of illumination are released.
Significantly increased luminosity compared to conventional products by utilizing high-brightness power LEDs.



Standard Size Lineup Standard Size Lineup: 75 ~ 1,200mm (per. 75mm / 150mm)

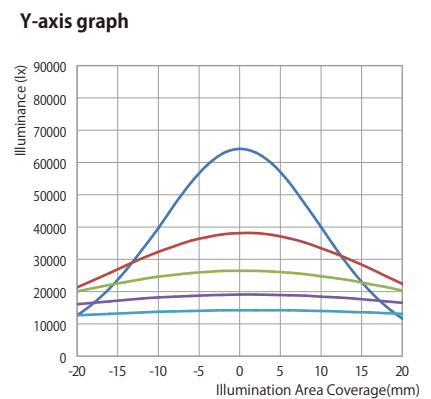
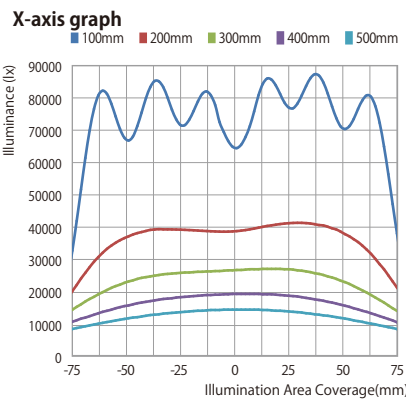
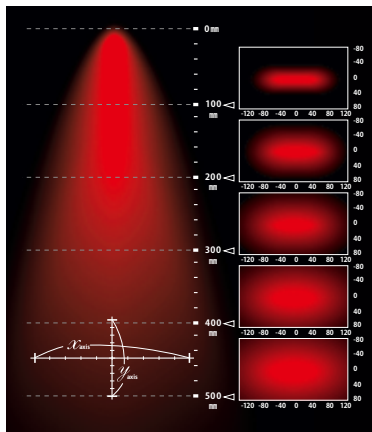
Wide-angle Light Distribution --S Type: Allows For Illuminating A Wide Area At Close Range.(Ref.value)

IDBA-LE150S-AR



Narrow-angle Light Distribution--L Type: Allows For Illuminating Brightly At Long Range.(Ref.value)

IDBA-LE150L-AR



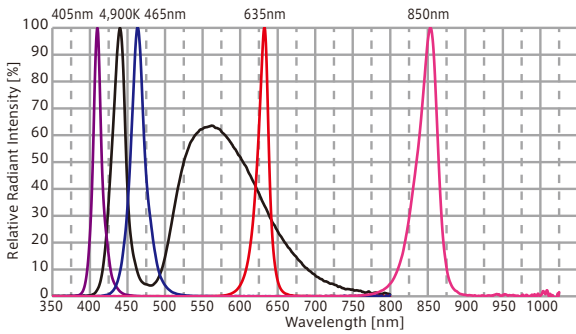
- IDBB-LSRF
- IDBC-LSR
- IDBB-LSRH
- IDBB-LSRA
- IDBB-LSRS
- IDBC-LSRC
- IDBB-LSRC
- IDBC-RE
- IDBB-RE
- IDBA-RK
- IQDH-RE
- IMAR-D_8ch
- IDR-LA-8ch
- IDRA-T-8ch
- IMAR-D
- IMAR-CT D
- IHR-LE
- IHRB · IHRA
- IDR-F
- IDR-F33/16
- IDR
- IDR-LA
- IDRA-T
- IFR · IPR
- IDBA-HM
- IDBA-HMS
- IDBA-HMS-IR
- IDBA-FD
- IDBA-LEH2
- IDBA-LEH
- IDBA-LE
- IDBA-SE
- IDBA-SL
- IDBA
- IDBA-Q
- IFLA · IFLB
- IDHM
- IHMA
- IHMA-V
- IFPA
- IFD-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 and high image rate IC 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
- IJS
- IJS-30M2-TP/SS
- ILS-40M2-PI/SS
- SAG
- SLLUB
- LLUB
- IFIC

Easy Installation According To Your Environment

Easy adjustment with a mounting jig by incorporating a movable nut is made possible. The standard screw size is M3, and optional sizes of M4 and M5 are also available. Please refer to P.258 for the details.



Optical Spectrum (Ref.Value)



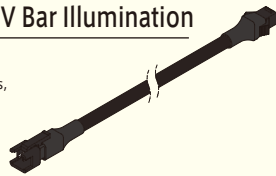
Model	Color	Power Consumption(W)	Input Voltage	Applicable Controller	Drawing
IDBA-LE75□-A■	R W B IR (850) UV (405)	DC12V	4.5	IDMU Series (P.193) ILP-30M2 (P.197) IDGC Series (P.209) and the others Strobe/Overdrive Controllers, etc.	X=75
IDBA-LE150□-A■	R W B IR (850) UV (405)		9		X=150
IDBA-LE225□-A■	R W B IR (850) UV (405)		13.5		X=225
IDBA-LE300□-A■	R W B IR (850) UV (405)		18		X=300
IDBA-LE375□-A■	R W B IR (850) UV (405)		22.5		X=375
IDBA-LE450□-A■	R W B IR (850) UV (405)		27		X=450
IDBA-LE 600 □-A■HV	R W B IR (850) UV (405)	DC24V	36	IDMU-24 Series (P.193) ILP-60M2-24 (P.197) IDGC-24 Series (P.209) etc.	X=600
IDBA-LE 750 □-A■HV	R W B IR (850) UV (405)		45		X=750
IDBA-LE 900 □-A■HV	R W B IR (850) UV (405)		54		X=900
IDBA-LE 1050 □-A■HV	R W B IR (850) UV (405)		63		X=1,050
IDBA-LE 1200 □-A■HV	R W B IR (850) UV (405)		72		X=1,200

★The light distribution type (S=wide-angle,L=narrow-angle) is indicated by □ in the model table.
 ★The diffuser plate with 90% transmissivity comes as a standard. 80% and 60% are also available as options.
 ★DC24V products are also available(per 150mm). Please feel free to contact us for more information.
 ★The emission color (W=White,R=Red,B=Blue, IR-850=850nm, UV-405=405nm) is indicated by ■ in the model table.
 ★A polarizing plate can also be attached to each size.

Connection Cable For DC12V Bar Illumination

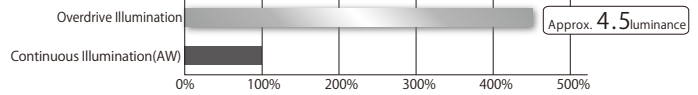
I-CB-S Series

When used for moving parts such as robots, please use the I-CB-S_R-C02 series, which manufactured with robust robot cable with high flexibility. I-CB-S_-24 series and I-CB-S_R-24-C02 series are compatible for DC24V model.



Luminance Comparison (Ref.Value)

By overdriving, it is possible to obtain 4.5 times the illumination-intensity compared to steady-state illumination.



※Please refer to P.223 for the details of overdrive controllers.

SAG Value

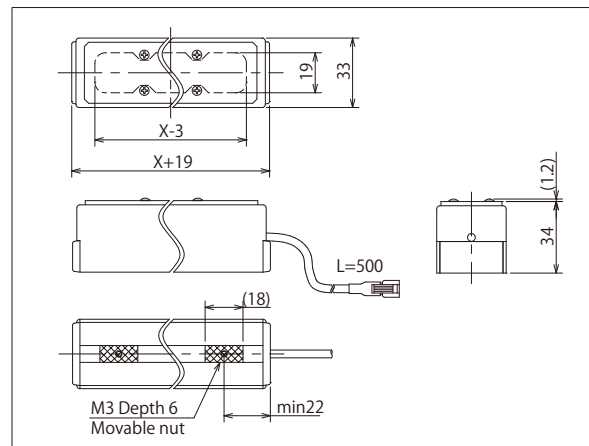
Model	R	W	B	IR (850)	UV (405)
IDBA-LE75□-A■	B0	F3	E0	DA	D2
IDBA-LE150□-A■	B3	FA	E5	E3	D5
IDBA-LE225□-A■	B5	FF	EA	E4	D8
IDBA-LE300□-A■	B7	FF	F0	E6	DC
IDBA-LE375□-A■	B9	FC	E4	E1	D5
IDBA-LE450□-A■	BB	E0	C9	TBD	BE

★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.

Recommended Digital Controller(PWM Control)

IDMU Series

Output control: 1,000 Levels
 Compact PWM controller with DC24V input voltage, ideal for installation inside panels
 Expandable up to 40 channels by linking units
 Equipped with programming and camera trigger output functions, making it versatile.



- 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
- Bar illumination products
 - 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
 - IDCA-CB
 - IFVA · IFVB
 - IFVA-ST
 - IFV
 - IV-14 · IV-30
 - IHV-20 · IHVE-21
 - IHVA-SP · IHSL-SP
- Special illumination products
 - IBF
 - IHV-FX
 - RBOX
 - IDBB-CH
 - IDHRA
 - UV-CAN
 - Infrared
 - Infrared
 - IMAR-RGB
 - IDDA-KH-RGB
 - RGB Full-color
 - ISU
 - ISS
- Controller products
 - IPPA_G · IRPA_G
 - IPSA · IPPA
 - IDGC
 - IDPA
 - IDCA
 - IMC
 - IWDV-24
 - IWDV(S)-48
 - ISC
 - IJS
 - IUS-30M2-TP/SS
 - ILS-40M2-PI/SS
 - SAG
 - SLLUB
 - LLUB
 - IFIC