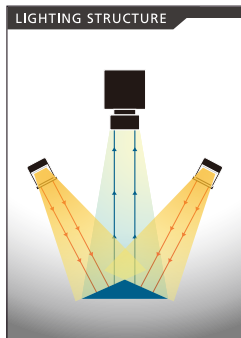


Compact Long-distance Irradiate Bar Illumination-B' C Bar [IDBA-SE Series]

Compact model with optical design equivalent to IDBA-LE-S (Wide-angle)

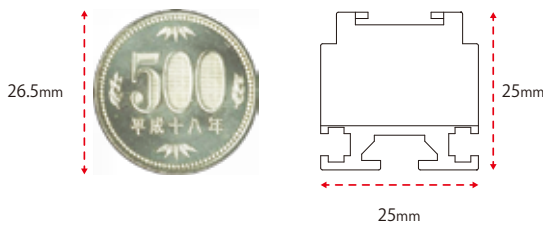
- Power LEDs
- IP67 Waterproof Models Available
- 24V DC Models Available
- High Cost Performance Model

Non-waterproof and waterproof, 2 types are released.
Compact design with a $\square 25\text{mm}$ size and with optical design equivalent to IDBA-LE-S (Wide-angle)



Standard Size Lineup Standard Size Lineup: 50 ~ 800mm (per.50mm)

Compact Design With A 25mm x 25mm Size



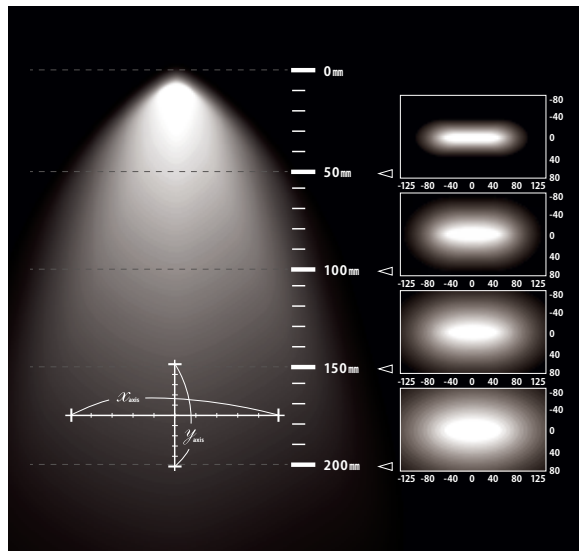
Easy Installation To Fit Various Environments.



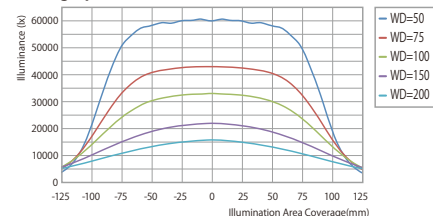
Easy adjustment with a mounting jig by incorporating a movable nut is made possible. The standard screw size is M3, and optional sizes of M4 and M5 are also available. Please refer to P.258 for the details.

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

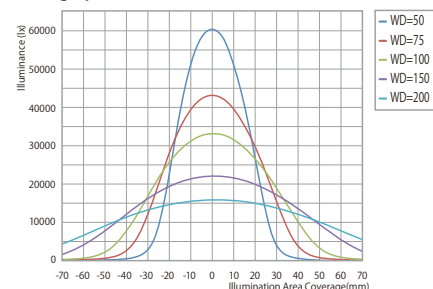
IDBA-SE150W



X-axis graph

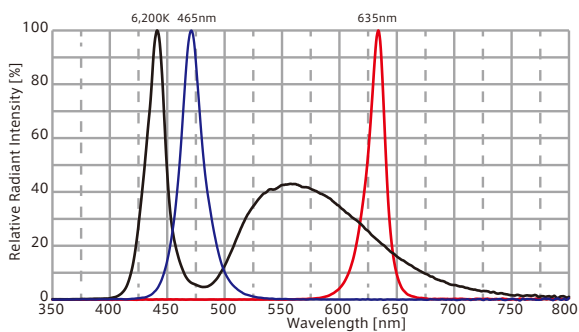


Y-axis graph

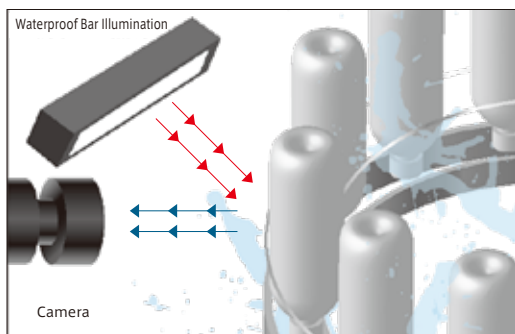


- IDBB-LSRF
- IDBC-LSR
- IDBB-LSRH
- IDBB-LSRA
- IDBB-LSRS
- IDBC-LSRC
- IDBB-LSRC
- IDBC-RE
- IDBB-RE
- IDBA-RK
- IQDH-RE
- IMAR-D_8ch
- IDR-LA-8ch
- IDRA-T-8ch
- IMAR-D
- IMAR-CT D
- IHR-LE
- IHRB-IHRA
- IDR-F
- IDR-F33/16
- IDR
- IDR-LA
- IDRA-T
- IFR-IPR
- IDBA-HM
- IDBA-HMS
- IDBA-HMS-IR
- IDBA-FD
- 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-resolution color 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

Optical Spectrum (Ref.Value)



Visual Inspection Of Plastic Bottles



About IP Protection Ratings:

The first digit "6" indicates the following degree of protection against solid objects.
 • Dust tight

The second digit "7" indicates the following degree of protection against water.
 • not subject to harmful effects even if immersed in water under defined conditions of pressure and time
 • Able to be fully submerged for 30 minutes at depths up to 1m (in cases of the device being shorter than 850mm).



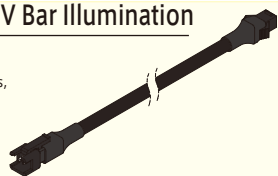
Standard Model	Waterproof Model	Color			Power Consumption(W)	Input Voltage	SAG (※)			Applicable Controller	Drawing
		R	W	B			R	W	B		
IDBA-SE50□	IDBA-SE50□-WP	R	W	B	3.5	DC12V	D8	A3	A6	IDMU Series (P.193) ILP-30M2 (P.197) IDGC Series (P.209) and the others Strobe/Overdrive controllers, etc.	1 (Standard)
IDBA-SE100□	IDBA-SE100□-WP	R	W	B	7		DB	A4	A8		
IDBA-SE150□	IDBA-SE150□-WP	R	W	B	10.5		DD	A6	AA		
IDBA-SE200□	IDBA-SE200□-WP	R	W	B	14		E0	A9	AC		
IDBA-SE250□	IDBA-SE250□-WP	R	W	B	17.5		E2	AA	AE		
IDBA-SE300□	IDBA-SE300□-WP	R	W	B	21		E4	AC	B0		
IDBA-SE350□	IDBA-SE350□-WP	R	W	B	24.5		E6	AE	B2		
IDBA-SE400□	IDBA-SE400□-WP	R	W	B	28		E8	B0	B3		
IDBA-SE500□HV	IDBA-SE500□HV-WP	R	W	B	35	DC24V	IDMU-24 series (P.193) ILP-60M2-24 (P.197) IDGC-24 series (P.209) etc.				
IDBA-SE600□HV	IDBA-SE600□HV-WP	R	W	B	42						
IDBA-SE700□HV	IDBA-SE700□HV-WP	R	W	B	49						
IDBA-SE800□HV	IDBA-SE800□HV-WP	R	W	B	56						

★The emission color (W=White,R=Red,B=Blue) is indicated by □ in the model table.
 ★DC24V products are also available(per 100mm). Please feel free to contact us for more information.
 ※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.

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.



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.

