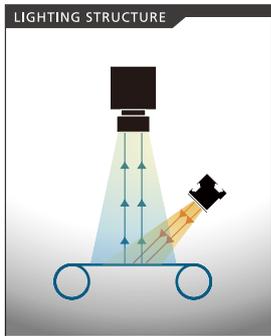


# Long-distance Irradiate Bar Illumination(Single Row Model)-B' C Bar [IDBA-LEH Series]

Realized about 2 to 3 times the brightness of conventional products with Leimac unique optical technology. Compatible with large-scale equipment, with a maximum length of 1800mm. L-type allows long-distance irradiation up to WD2,000mm

## Power LEDs

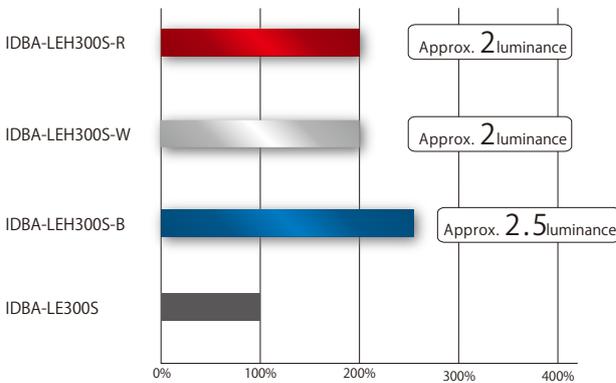
Ideal bar illumination for large objects and long-distance irradiation. Compared to the IDBA-LE series, it offers 2 to 3 times higher illuminance. Wide-angle light distribution (S type) and narrow-angle light distribution (L type). 2 types of illumination are released.



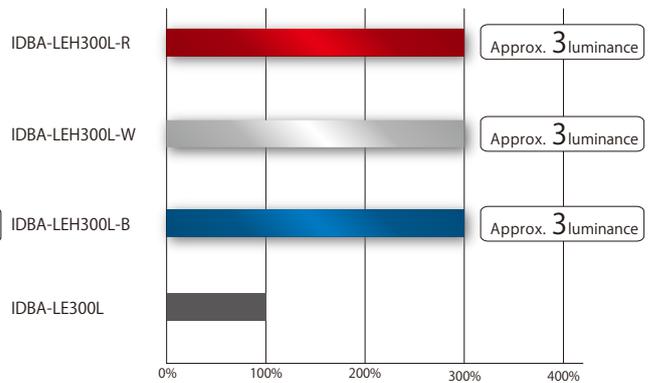
**Standard Size Lineup** Standard Size Lineup:75 ~ 1,800mm (per.75mm / 150mm)

## Comparison With Conventional Products (Ref Value Length:300mm)

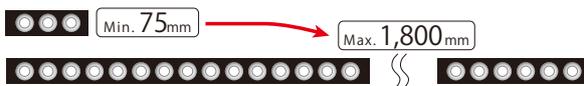
### Wide-angle light distribution --S type(WD=100mm)



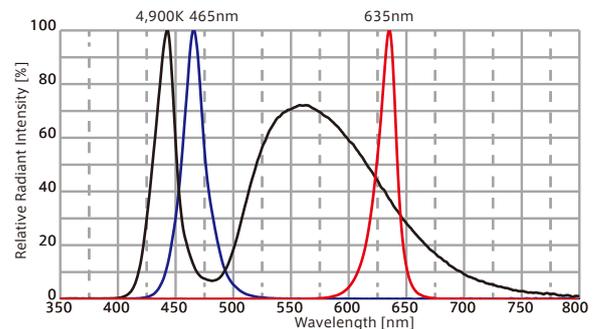
### Narrow-angle light distribution--L type (WD=300mm)



## Standard Size Lineup



## Optical Spectrum (Ref.Value)

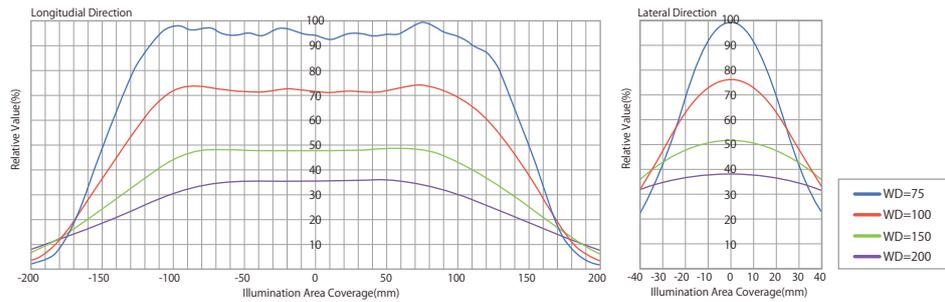
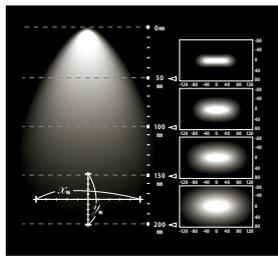


- IDBB-LSRF
- IDBC-LSR
- IDBB-LSRH
- IDBB-LSRA
- IDBB-LSRS
- IDBC-LSRC
- IDBB-LSRC
- IDBC-RE
- IDBB-RE
- IDBA-RK
- IQDH-RE
- IMAR-D\_8ch
- IDR-LA-8ch
- IDRA-T-8ch
- IMAR-D
- IMAR-CT D
- IHR-LE
- IHRB · IHRA
- IDR-F
- IDR-F33/16
- IDR
- IDR-LA
- IDRA-T
- IFR · IPR
- IDBA-HM
- IDBA-HMS
- IDBA-HMS-IR
- IDBA-FD
- IDBA-LEH2
- IDBA-LEH
- IDBA-LE
- IDBA-SE
- IDBA-SL
- IDBA
- IDBA-Q
- IFLA · IFLB
- IDHM
- IHMA
- IHMA-V
- IFPA
- IFD-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 synchronous image capture kit 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

- IDBB-LSRF
- IDBB-LSRH
- IDBB-LSRA
- IDBB-LSRS
- IDBB-LSRC
- IDBB-RE
- IDBB-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 synchronous imaging camera kit 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
- IUS-30M2-TP/SS
- ILS-40M2-PI/SS
- SAG
- SLLUB
- LLUB
- IFC

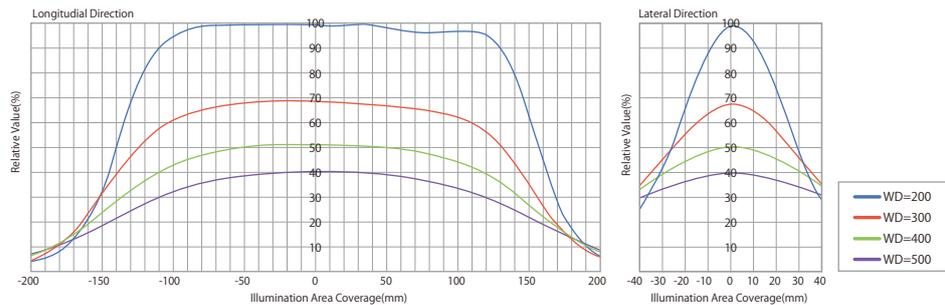
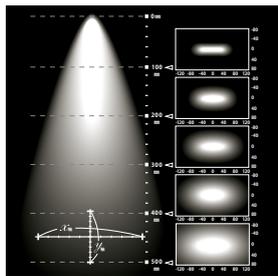
Wide-angle Light Distribution --S Type: Allows For Illuminating A Wide Area At Close Range.(Ref.value)

IDBA-LEH300S-W



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

IDBA-LEH300L-W



Model	Color	Power Consumption(W)	Input Voltage	SAG (※)			Applicable Controller	Drawing
				R	W	B		
IDBA-LEH75□-■	R W B	6.5	DC12V	89	AB	AB	IDMU Series (P.193) ILP-30M2 (P.197) IDGC Series (P.209) and the others Strobe/Overdrive Controllers, etc.	X=75
IDBA-LEH150□-■	R W B	13		8C	B1	B1		X=150
IDBA-LEH225□-■	R W B	19.5		8E	B7	B7		X=225
IDBA-LEH300□-■	R W B	26		91	BD	BD		X=300
IDBA-LEH150□-■HV	R W B	13	DC24V				IDMU-24 Series (P.193) ILP-60M2-24 (P.197) IDGC-24 Series(P.209) etc.	1 X=150
IDBA-LEH300□-■HV	R W B	26						X=300
IDBA-LEH450□-■HV	R W B	39						X=450
IDBA-LEH600□-■HV	R W B	52						X=600
IDBA-LEH750□-■HV	R W B	65						X=750
IDBA-LEH900□-■HV	R W B	78						X=900
IDBA-LEH1050□-■HV	R W B	91					X=1,050	
IDBA-LEH1200□-■HV	R W B	104					X=1,200	
IDBA-LEH1350□-■HV	R W B	117					2 X=1,350	
IDBA-LEH1500□-■HV	R W B	130						X=1,500
IDBA-LEH1650□-■HV	R W B	143						X=1,650
IDBA-LEH1800□-■HV	R W B	156						X=1,800

★The light distribution type (S=wide-angle,L=narrow-angle) is indicated by □ in the model table. ★The emission color (W=White,R=Red,B=Blue) 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. ★A polarizing plate can also be attached to each size.  
 ★Please note that the illumination which length is over 750mm, cannot be directly connected to the controller, a connection cable of any length is necessary.Please refer to P. 249 (Connection Cable For DC24V Illumination) for details.  
 ※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.

