

NEW

Backlight-Edgelit LED Illumination [IFLA · IFLB Series]

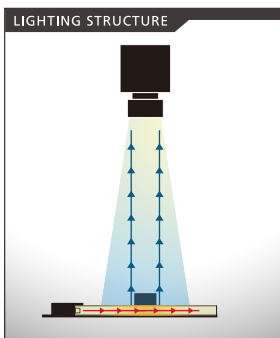
Thin/ High-uniform /Flat-surface with low power consumption
and low heat generation

Installation in small spaces is possible starting from a thickness of "Min 6mm"

24V DC Models Available

Applications

- Food/ Packaging/ Pharmaceutical industry etc.
 - ➔ Inspection of foreign object inside transparent packages
 - Inspection of Tears in packaging vinyl/Character
- Semiconductor/Electronic components industry etc.
 - ➔ Inspection & Measurement of IC lead pitch



Standard Size Lineup

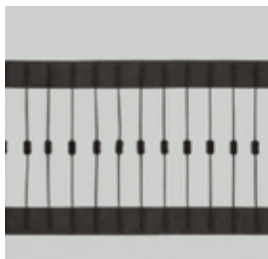
IFLA Series:Standard release in 25x25 / 30x41 / 30x80mm 3 sizes;
IFLB Series:Standard release in 50x50 / 100x100 / 150x200mm 3 sizes.

Imaging Example

Obtain silhouette images easily with illumination from the rear.



IFLB-50/50B



IFLB-100/100R



IFLB-100/100B



IFLB-100/100B

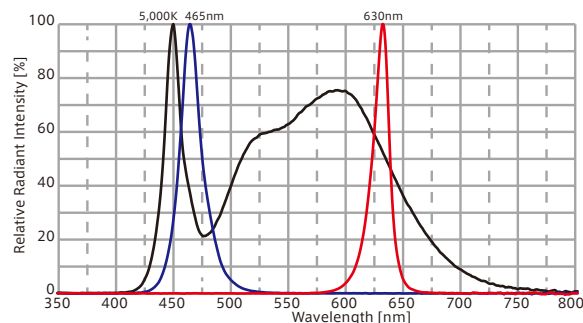
Luminance Distribution Chart(Ref.Value)

Used Illumination:IFLB-150/200W



Optical Spectrum (Ref.Value)

Used Illumination:IFLB-150/200W



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	Ring illumination products
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	Transmitted/area illumination products
IDHM	
IHMA	
IHMA-V	
IFPA	
IFD	
IFD-IR	
IHMA-40D	
IFPA-D	
IPQC	Coaxial illumination products
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	Special illumination products
IDHRA	
UV-CAN	
Infrared	
Infrared	
IMAR-RGB	
IDDA-KH-RGB	
RGB Full-color	
ISU	
ISS	
Introduction of Customization	
High-speed and high-precision image capture products	
ISC-24	
Image capture evaluation kit products	
IDMU	
ILP	
ILC	
ILV	
ILS	
IPPA_G · IRPA_G	Controller products
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	Other illumination products

IFLA Series

Model	Color	Power Consumption(W)	Input Voltage	SAG (※)	Applicable Controller	Drawing
IFLA-25/25□	R	0.6	DC12V	FF	IDMU Series (P.193) ILP-30M2 (P.197) IDGC Series (P.209) and the others Strobe/Overdrive Controllers, etc.	1
	W	0.9		9D		
	B	0.5		A4		
IFLA-30/41□	R	1.2		F9		2
	W	1.7		8D		
	B	0.9		9D		
IFLA-30/80□	R	2.4		F8		3
	W	2.6		97		
	B	1.7		9D		

IFLB Series

Model	Color	Power Consumption(W)	Input Voltage	SAG (※)	Applicable Controller	Drawing
IFLB-50/50□	R	3.8	DC12V	75	IDMU Series (P.193) ILP-30M2 (P.197) IDGC Series (P.209) and the others Strobe/Overdrive Controllers, etc.	4
	W	4.4		75		
	B	4.4		75		
IFLB-100/100□	R	12		80		5
	W	15		81		
	B	15		7F		
IFLB-150/200□	R	27		81		6
	W	30		87		
	B	30		84		

★The emission color (W=White,R=Red,B=Blue) is indicated by □ in the model table.

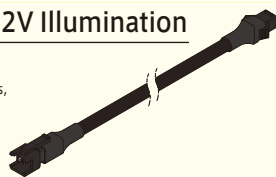
★DC24V products are also available. Please feel free to contact us for more information.

※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.

Extension Cable For DC12V Illumination

I-CB-S Series

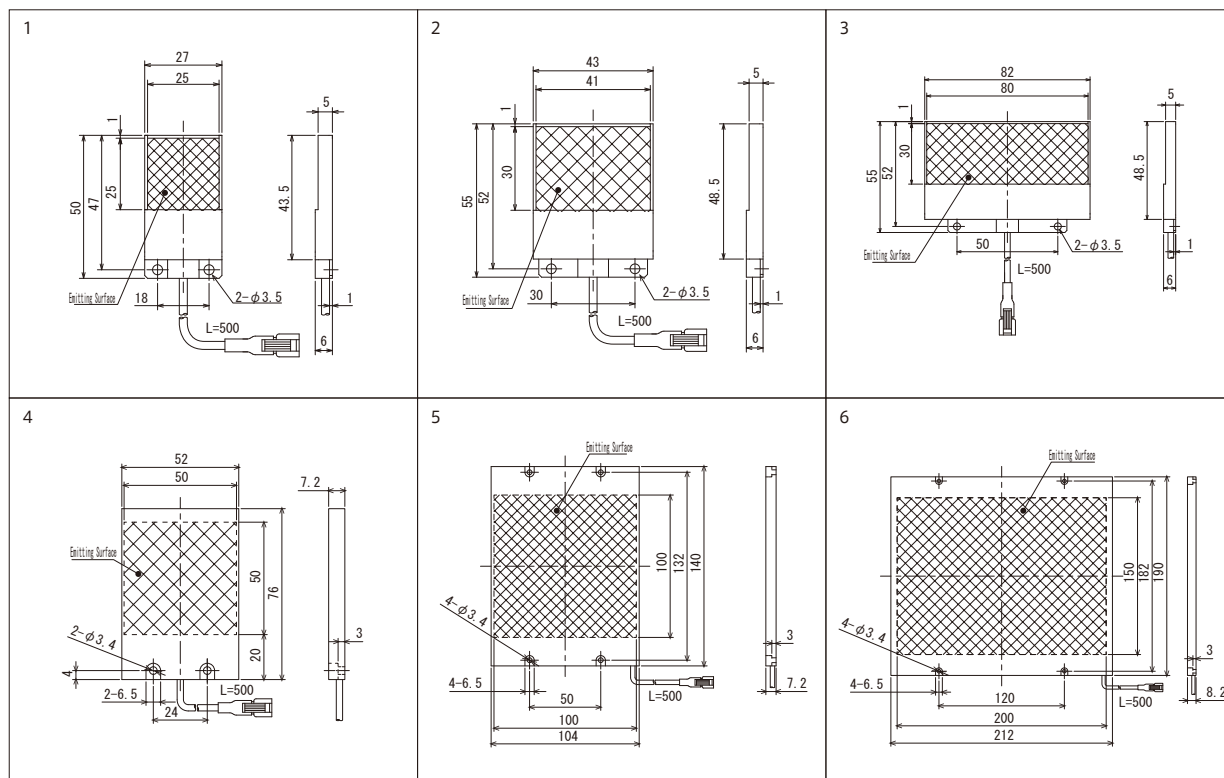
When used for moving parts such as robots, please use the I-CB-S_R-C02 series, which manufactured with robust robot cable with high flexibility. I-CB-S_R-24 series and I-CB-S_R-24-C02 series are compatible for DC24V model.



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.



Line illumination products

Ring illumination products

Bar illumination products

Transmitted/area illumination products

Dome illumination products

Local illumination products

Special illumination products

For products

Controller products

Other 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
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
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IBF
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IDDA-KH-RGB
RGB Full-color
ISU
ISS
Introduction of Customization
High-speed synchronous imaging data 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
US-30M2-TP/SS
ILS-40M2-PI/SS
SAG
SLLUB
LLUB
IFC