

NEW

Diffuse Irradiate Dome Illumination-NEO Dome [IDDB-KH · IDDA-KH Series]

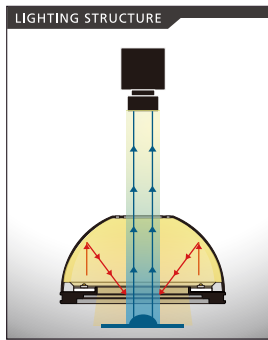
High-intensity & High uniformity Reflective Dome illumination
RGB-Full Color model latest release!

25V DC Models Available

Power LEDs

Applications

- Can / Aluminum manufacturing industry etc.
 - ➔ Inspection of characters on the bottem etc.
- Semiconductor/Electronic components industry etc.
 - ➔ Inspection of mounted circuit boards etc.
- Food/Pharmaceutical/Packaging industry etc.
 - ➔ Inspection of tablet chipping / sheet tearing / character etc.



Standard Size Lineup

IDDB-KH : Standard release in $\phi 60/\phi 80/\phi 120/\phi 150/\phi 220$ mm 5 sizes (Lightweight model)
IDDA-KH : Standard release in $\phi 270/\phi 350$ mm 2 sizes

Imaging Example

Achived to obtain images unaffected by glare with uniform dome irradiation.

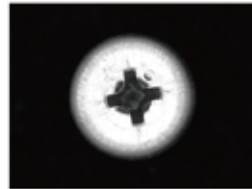


IHRB-150AWS

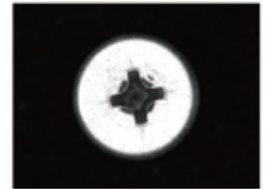


IDDB-KH150AW

New IDDB-KH series offers an expanded effective and uniform illumination area.

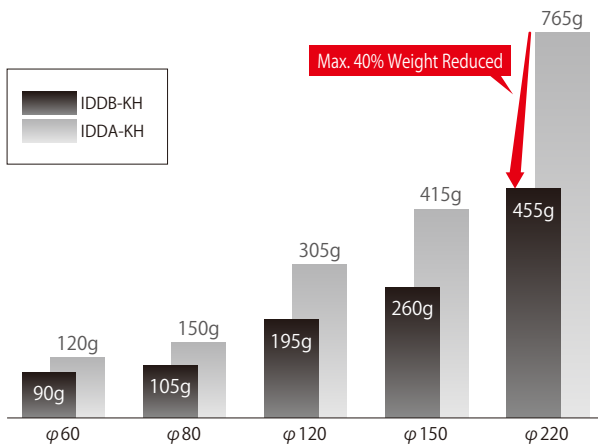


IDDA-KH150AW
(The conventional model)



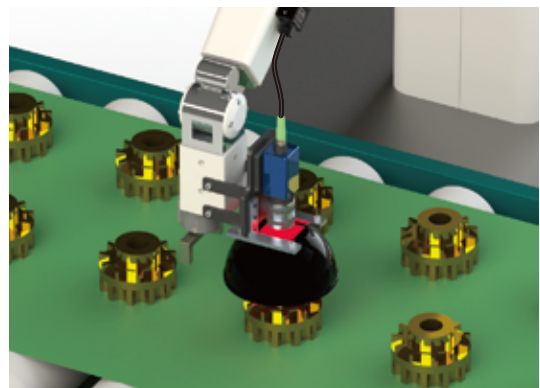
IDDB-KH150W

Achieving Up To 40% Weight Reduction While Maintaining The Same Luminance



Ideal for Mounting On Robot Arms!

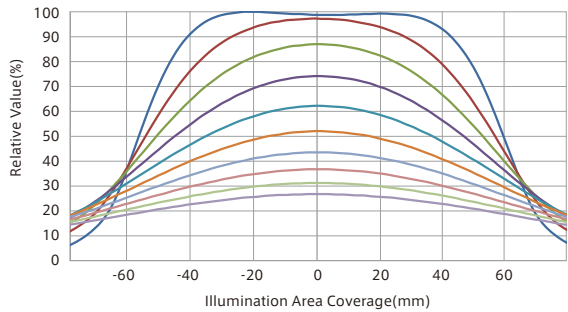
Perfect for mounting on the tip of a robot arm with its lightweight design.



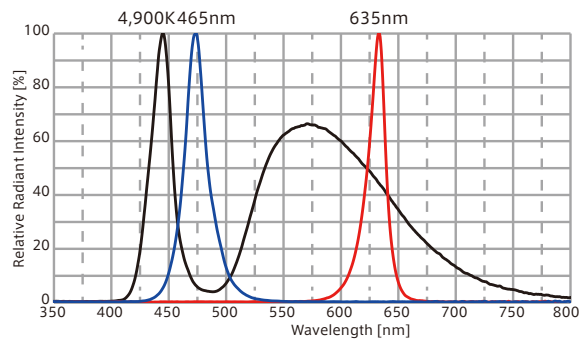
- IDBB-LSRF
- IDBC-LSR
- IDBB-LSRH
- IDBB-LSRA
- IDBB-LSRS
- IDBC-LSRC
- IDBB-LSRC
- IDBC-RE
- IDBB-RE
- IDBA-RK
- IQDH-RE
- IMAR-D_8ch
- IDR-LA-8ch
- IDRA-T-8ch
- IMAR-D
- IMAR-CT D
- IHR-LE
- IHRB · IHRA
- IDR-F
- IDR-F33/16
- IDR
- IDR-LA
- IDRA-T
- IFR · IPR
- IDBA-HM
- IDBA-HMS
- IDBA-HMS-IR
- IDBA-FD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

Illuminance Distribution Chart(Ref.Value)

IDDB-KH150AW



Optical Spectrum (Ref.Value)



Model	Color	Power Consumption(W)	Input Voltage	SAG (※)			Applicable Controller	Drawing
				R	AW	B		
IDDB-KH60□	R AW B	6.5	DC12V	FF			IDMU Series (P.193) ILP-30M2 (P.197) IDGC Series (P.209) and the others Strobe/Overdrive Controllers, etc.	1
IDDB-KH80□	R AW B	9		FF				2
IDDB-KH120□	R AW B	13.5		FF				3
IDDB-KH150□	R AW B	18		FF				4
IDDB-KH220□	R AW B	28.5		FF C3 BC				5
IDDA-KH270□HV	R AW B	34	DC24V	—			IDMU-24 series (P.193) ILP-60M2-24 (P.197) IDGC-24 series (P.209) etc.	6
IDDA-KH350□HV	R AW B	44		—				7

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

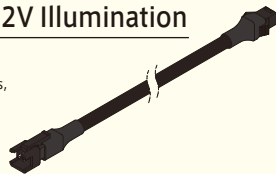
★DC24V products are also available. Please feel free to contact us for more information.

※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

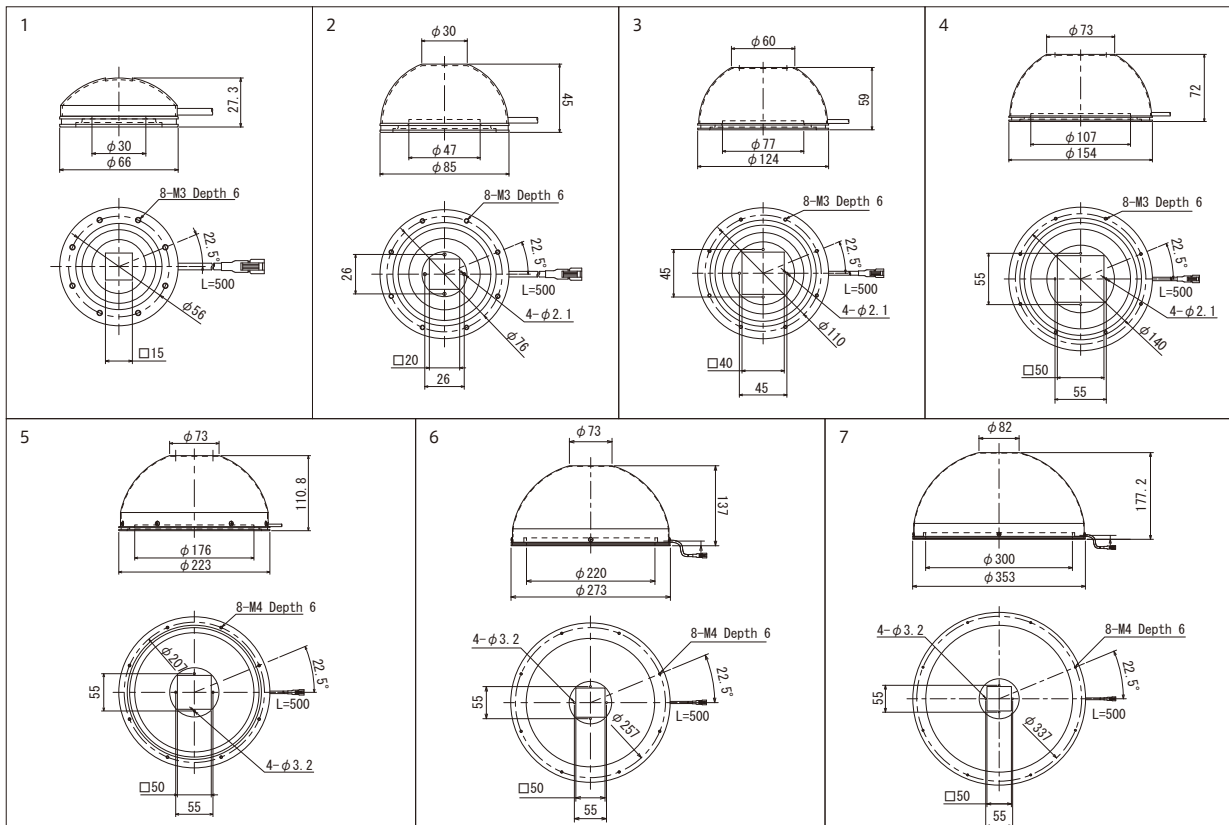
When used for moving parts such as robots, please use the I-CB-S_R-C02 series, which manufactured with robust robot cable with high flexibility. I-CB-S_-24 series and I-CB-S_R-24-C02 series are compatible for DC24V model.



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
 - 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
- Ring illumination products
 - 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
- Dome illumination products
 - 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
- Special illumination products
 - 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
- Kit products
 - Image capture evaluation kit products
 - IDMU
 - ILP
 - ILC
 - ILV
 - ILS
- Controller products
 - 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
- Other illumination products
 - SAG
 - SLUB
 - LLUB
 - IFIC