

# Compact Line Light

## IDBB-LSRC series

Smaller size, Lighter-weighted and Lower power consumption Line Light!

Special Optical Design

Natural air cooled

Power LEDs

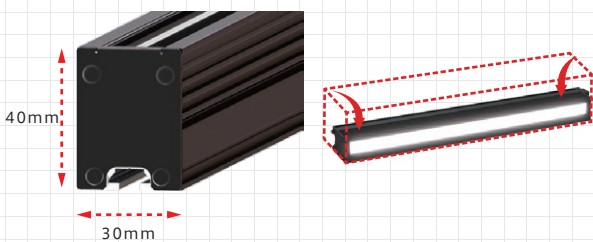


- Compact type Line Lighting is lineuped
- By natural air cooling, high illuminance: more than 400,000lx is achieved.
- Light emission surface length: Parallel light type→ from 100 to 2000mm in 100mm increments/ Condensed light type→ from 100 to 1000mm in 100mm increments.

Model	Light Color	Power Consumption (W)	Input Voltage	Power Supply	Drawing
IDBB-LSRC100□	W B	9.5	DC24V	IWDV-100S-24 (P.80)	n=1
IDBB-LSRC200□	W B	19			n=2
IDBB-LSRC300□	W B	28.5			n=3
IDBB-LSRC400□	W B	38			n=4
IDBB-LSRC500□	W B	47.5			n=5
IDBB-LSRC600□	W B	57			n=6
IDBB-LSRC700□	W B	66.5			n=7
IDBB-LSRC800□	W B	76			n=8
IDBB-LSRC900□	W B	85.5			n=9
IDBB-LSRC1000□	W B	95			n=10
IDBB-LSRC1100□	W B	104.5		IWDV-300S-24 (P.80)	n=11
IDBB-LSRC1200□	W B	114			n=12
IDBB-LSRC1300□	W B	123.5			n=13
IDBB-LSRC1400□	W B	133			n=14
IDBB-LSRC1500□	W B	142.5			n=15
IDBB-LSRC1600□	W B	152			n=16
IDBB-LSRC1700□	W B	161.5			n=17
IDBB-LSRC1800□	W B	171			n=18
IDBB-LSRC1900□	W B	180.5			n=19
IDBB-LSRC2000□	W B	190			n=20

□ represents light color (W=White, B=Blue)  
 \*See P18 for condensing lens and optical diffusing plate models.  
 \*Condensing lens: ILBB-□ and diffusing plate: IKBB-LSR□ (option) can be mounted.  
 □ represents the size in 100mm increments.  
 We line up the condense lens from 100 to 1000mm, and diffusing plate from 100 to 1800mm.  
 When ordering, specify number and type of condensing lenses and diffusing plates required.  
 Diffusing plates are available with transmissivity of 30%, 60%, 80%, or 90%.

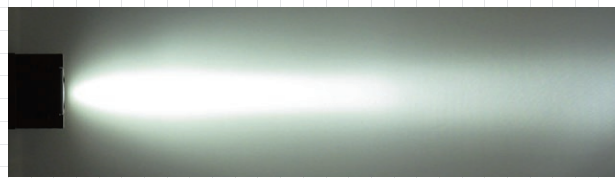
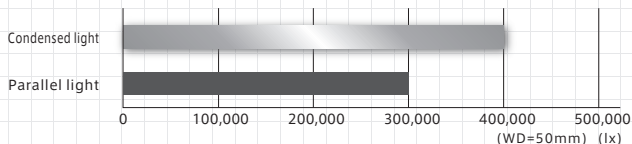
### A Huge Size Decrease



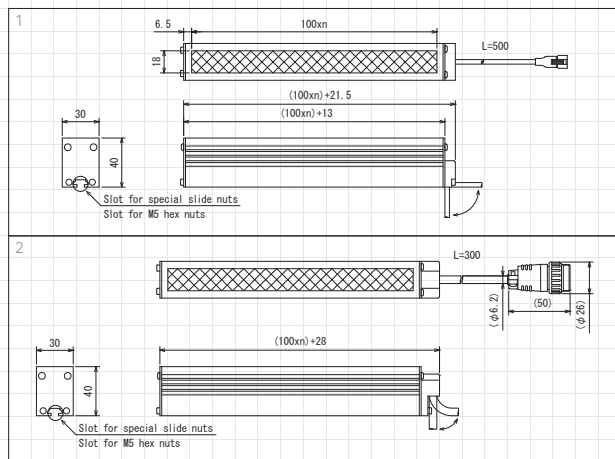
While having a 18mm light emission surface width(short side), it significantly reduced its body size! The width (short side) = 30mm, and the depth = 40mm.  
 Compared to IDBB-LSR series, aprx. 43% smaller and 42% lighter.  
 Its compact body enables irradiation at an angle close to photographing optical axis.

### Brightness Comparison(Reference Values)

Standard: Parallel light type. Option: Condensed light type (Parallel light type + condensing lenses)  
 By selecting the condensed type, 33% increase in light intensity (compared to the parallel light type) is possible.



IDBB-LSRC400W  
 <Irradiation Imaging>



### Dedicated extension cable

For models with less than 700mm length, I-CB-S■-24 (see P.97)  
 For models with more than 800mm length, I-CB-S■R-MCB(see P.97)  
 ■ represents the lengths(m) of the extension cable. (■=1,2,3,4,5,10)

### Power Supply(voltage control)

IWDV-100S-24 (100W, 1CH)  
 IWDV-300S-24 (300W, 1CH)

Output control level: 1000 levels  
 External control: LAN control, 10bit parallel



details are described in P80

### LIGHTING STRUCTURE

