

November 2023

Dear Valued Customer

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High illumination intensity despite diffuse illumination type

## “IDBC-RE series” new release

Leimac Ltd. a manufacturer of LED Illumination for image processing, is pleased to announce the release of its new Briback line illumination "IDBC-RE Series" for use in image processing inspections. The newly developed "IDBC-RE Series" will go on sale in November 2023.

The newly developed "IDBC-RE Series" is positioned as a highly uniform version of the IDBC-RE-H Series of Briback line illumination, making it ideal not only for irradiation applications but also for backlighting applications.



Compared to the IDBC-RE-H series, the IDBC-RE series has the same width and height, and is available in three colors: red, white, and blue.

—Details—

### 1. Released products

IDBC-RE series

Model	Input voltage	Color
IDBC-RE□■	DC24V	Red / White / Blue

\* □ is the lighting length (100 to 1800). The lighting length is a multiple of 100.

\* ■ indicates light color (R=Red, W=White, B=Blue)

### 2. Release date

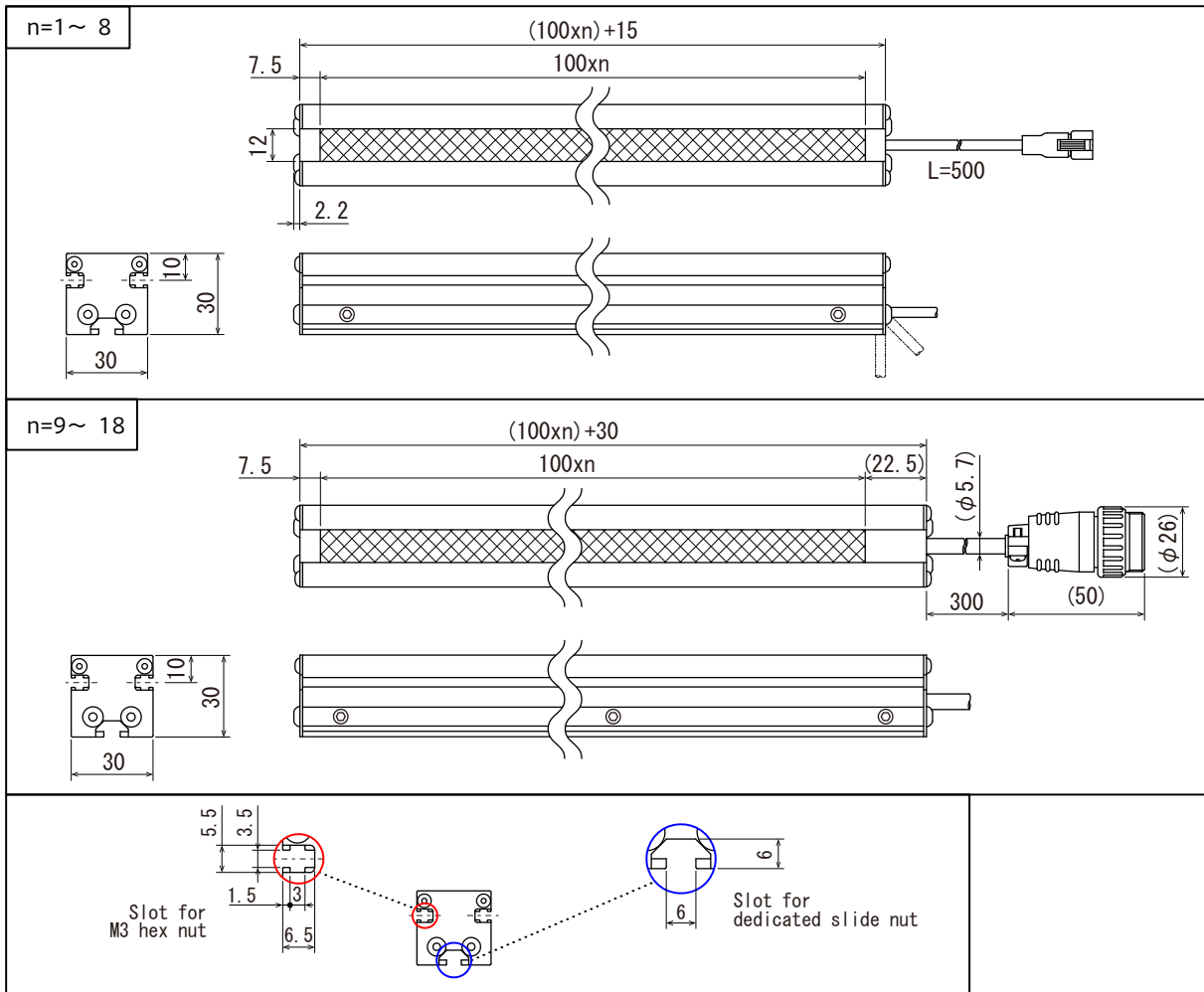
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### 3. Product specifications

Please refer to Appendix\_1 for product specifications.

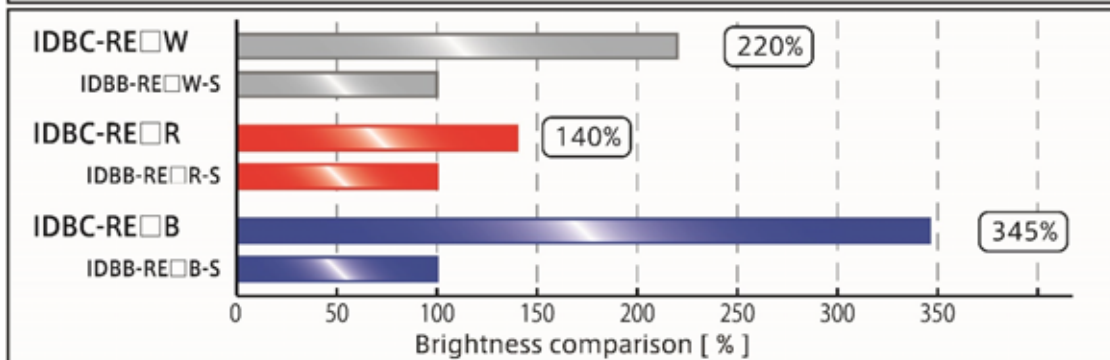
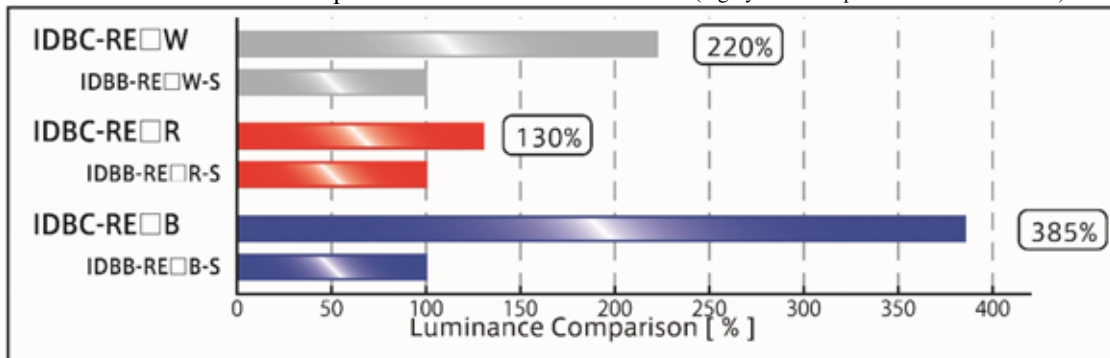
If you have any questions regarding this change, please contact our sales staff.

【Product Appearance】



【Brightness comparison】 \* Reference value

Illuminance and luminance comparison with IDBB-RE-S series (highly uniform specification of IDBB-RE)



【Other comparisons】 \*Reference value

Item	Color	Power consumption (W)	Wavelength (nm)	The White color temperature
IDBC-RE Series	Red (R)	7.5 x n	647	
	White (W)	8.5 x n		5,270K
	Blue (B)		468	
IDBC-RE-H Series	Red (R)	7.5 x n	647	
	White (W)	8.5 x n		5,500K
	Blue (B)		468	
IDBB-RE-S series	Red (R)	7 x n	630	
	White (W)			6,020K
	Blue (B)		470	

The n of power consumption is the value obtained by dividing the length of the luminous surface (mm) by 100 mm.