Line Light

Low-Cost High-Performance Line Light

IDBA-RK series

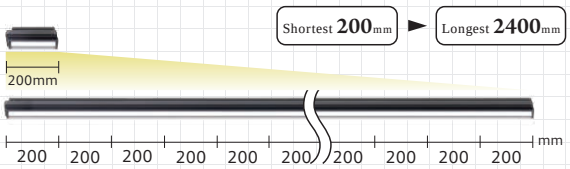
Highly cost-effective model
Replaceable from fluorescent light

Low cost　Power LEDs

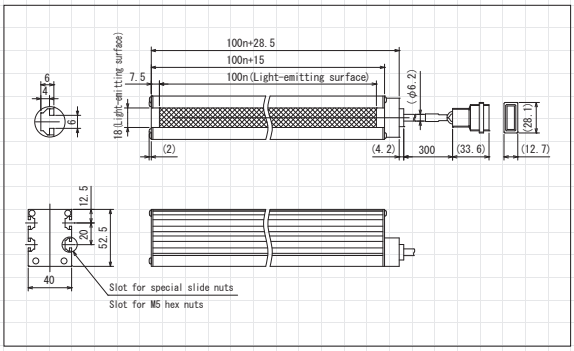
•Smartly-priced high-performance line light by inheriting developed lighting technologies
•Perfect for replacement of fluorescent light for inspection
•Lineup includes the emission light sizes from 200 to 2,400 mm in 200 mm increments

Model	Light Color	Power Consumption (W)	Input Voltage	Power Supply	Drawing
IDBA-RK200W	W	19	DC48V	IWDV-300SL-48 (Analog) IWDV-300S-48 (Digital) (P.77·78)	n=2
IDBA-RK400W	W	38			n=4
IDBA-RK600W	W	57			n=6
IDBA-RK800W	W	76			n=8
IDBA-RK1000W	W	95			n=10
IDBA-RK1200W	W	114			n=12
IDBA-RK1400W	W	133			n=14
IDBA-RK1600W	W	152			n=16
IDBA-RK1800W	W	171			n=18
IDBA-RK2000W	W	190			n=20
IDBA-RK2200W	W	209			n=22
IDBA-RK2400W	W	228			n=24

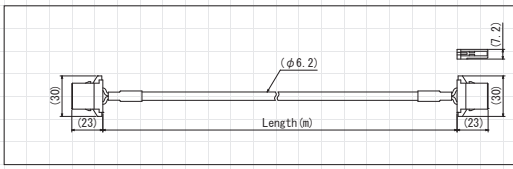
Wide Selection of Sizes



Available in 200 mm increments up to maximum length of 2,400 mm.



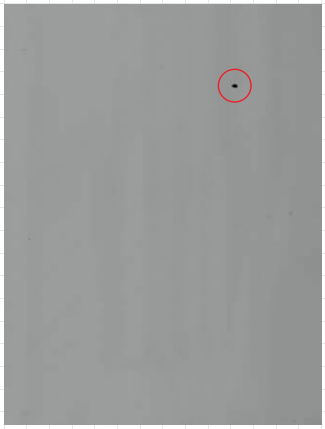
Dedicated extension cable for IDBA-RK



Model	Length(m)
I-CB-S1-DN	1
I-CB-S2-DN	2
I-CB-S3-DN	3
I-CB-S5-DN	5
I-CB-S7-DN	7
I-CB-S10-DN	10

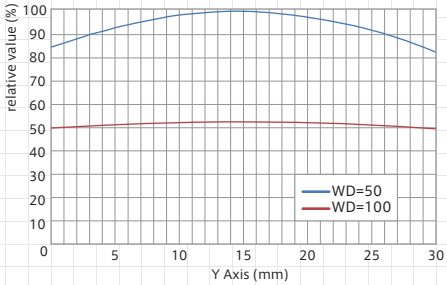
inspection for contaminants on film

Light used: IDBA-RK200W
Workpieces: film

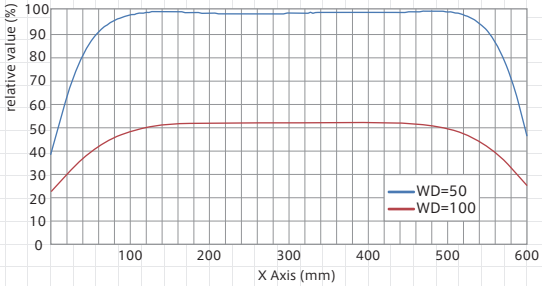


Luminance Distribution Chart (Reference Values)

Center line in lateral direction (IDBA-RK600W)



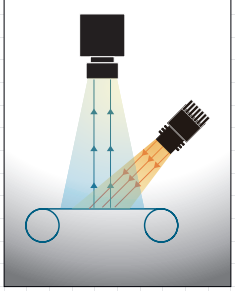
Center line in longitudinal direction (IDBA-RK600W)



Power Supply(voltage control)

IWDV-300S-48(Digital)
IWDV-300SL-48(Analog)

Output control level: 1000 levels
External control: LAN control/10-bit parallel

details are described in P77·78

LIGHTING STRUCTURE