

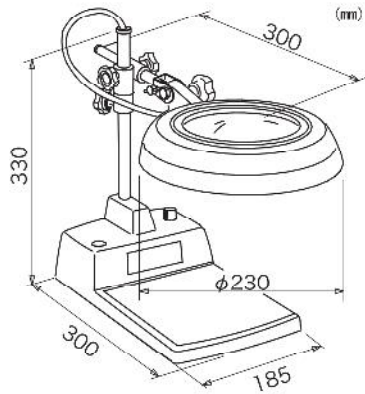
Round Series without dimmer

# SKK Series

Since its first release, for 40 years, the illuminated magnifier SKK series has been supporting improvement of productivity and quality.

Because of the minimized number of parts in it, it is proved low but fails less and realizes high reliability. The durability proved by 40-year achievement in every working environment still supports the inspection process of the users strongly.

## SKK-B



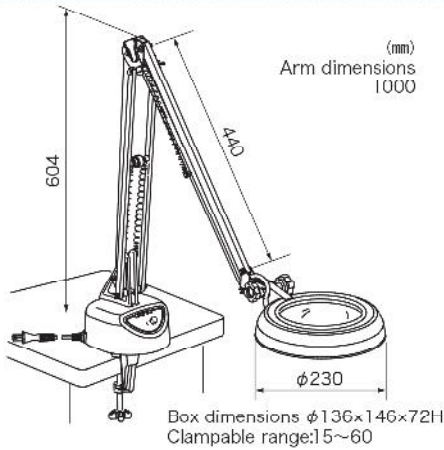
Interchangeable Lens

2X (φ130)	3X (φ130)	4X (φ130)	6X (φ105)
8X (φ90)	10X (φ90)	12X (φ90)	15X (φ90)

- With table stand
- Weight: 2.7kg (Excluding lens)
- Power consumption: 23W
- Lamp: FCL20N/18

● Ready Stock

## SKK-F



Interchangeable Lens

2X (φ130)	3X (φ130)	4X (φ130)	6X (φ105)
8X (φ90)	10X (φ90)	12X (φ90)	15X (φ90)

- Free arm and clamp type
- Free-type and versatile for inspection, designing, crafting, etc.
- Weight: 3.0kg (Excluding lens)
- Power consumption: 23W
- Lamp: FCL20N/18

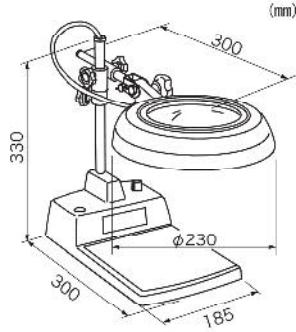
● Ready Stock

LED illuminated magnifier without dimmer

# SKKL Series

We replaced the light source of the SKK series with LED, and released it as SKKL. The concept of development is to pursue the equivalent performance of the conventional fluorescent light, and to adopt the fluorescent light type LED. The electric power consumption is reduced to about 65%. The cost for 40,000 hours of operation is reduced to 1/3, and it is an Eco-friendly product suitable for growing calls of power shortage.

## SKKL-B



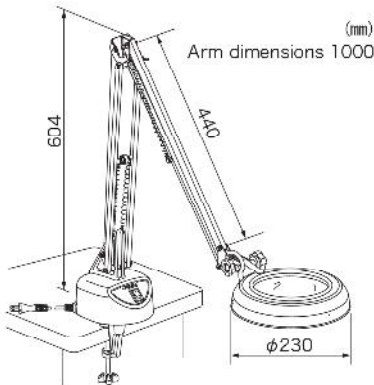
### Interchangeable Lens

2X (φ130)	3X (φ130)	4X (φ130)	6X (φ105)
8X (φ90)	10X (φ90)	12X (φ90)	15X (φ90)

- With table stand
- Weight: 2.1kg (Excluding lens)
- Input voltage range: AC100 ~ 240V※  
50/60 Hz (※125 ~ 240V is applicable by replacing the input plug. A kind of input plug consult your distributor.)
- Power consumption: 10W
- Standby power: 0w

● Ready Stock

## SKKL-F



Box dimensions φ136×146×72H  
Clampable range: 15~60



### Interchangeable Lens

2X (φ130)	3X (φ130)	4X (φ130)	6X (φ105)
8X (φ90)	10X (φ90)	12X (φ90)	15X (φ90)

- Free arm and clamp type
- Free-type and versatile for inspection, designing, crafting, etc
- Weight: 2.7kg (Excluding lens)
- Input voltage range: AC100 ~ 240V※  
50/60 Hz (※125 ~ 240V is applicable by replacing the input plug. A kind of input plug consult your distributor.)
- Power consumption: 10W
- Standby power: 0w

● Ready Stock



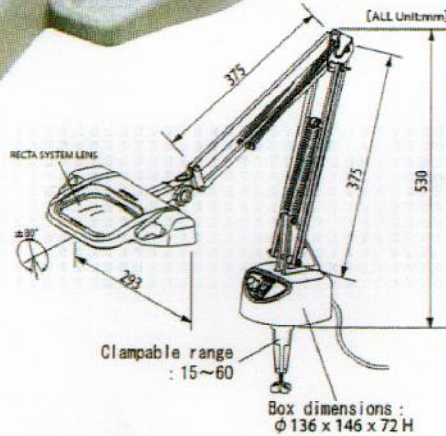
# O-LIGHT III - LED 6500

## — PRODUCT SPECIFICATION —

- Free arm and clamp type (Clampable Width: 15 ~ 60mm)
- Lens: 2X 3.5X rectangular lenses
- Material of lens : optical glass (144X108 mm)
- Light source: LED lamp
- Color temperature of LED lamp: 6500K
- Design life of LED lamp: More than 40,000 hours
- Input voltage range: 100 ~ 240V 50/60 Hz
- Power consumption: 12W
- Light with dimmer 100% ~ 0%
- Weight: (With 2X Lens) 2.8kg (With 3.5X Lens) 2.9kg

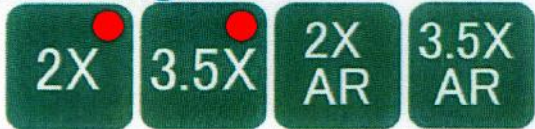
### ■ Rectangular wide lens

The rims of the wide rectangular lenses are cut off because they might cause distortion. So the user can look through them clearly. RECTA-SYSTEM is suitable for only O-light III series. We supply four types of lens magnification, which are 2X, 3.5X, 2XAR and 3.5XAR



### RECTA SYSTEM Interchangeable Lens

● Ready Stock



#### RECTA-SYSTEM/ RECTA-SYSTEM AR

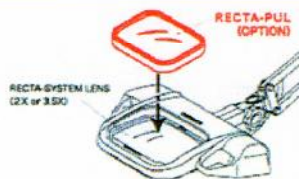
#### LENS

Material : Optical Glass



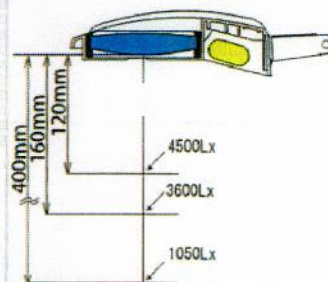
a rectangular interchangeable lens system requested by many customers is employed!  
Type of lens : 2X, 2XAR, 3.5X, 3.5XAR

#### RECTA-PUL/ RECTA-PUL AR POWER UP LENS

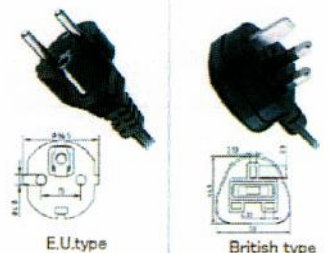


■ RECTA-SYSTEM 2X + RECTA-PUL = 4X  
■ RECTA-SYSTEM 3.5X + RECTA-PUL = 5X

#### Working point illuminance



#### Selectable AC Plug





# The list of interchangeable lens system

## Magnification lineup of Round Series interchangeable lens system

\*The photo is composite

Area magnification (approximate)	<b>2X</b> (φ130)	<b>3X</b> (φ130)	<b>4X</b> (φ130)	<b>6X</b> (φ105)
Images of models				
Lens diameter (lens composition)	φ 130 (single piece lens)	φ 130 (single piece lens)	φ 130 (doublet lens)	φ 105 (doublet lens)
Images of models				
Area magnification (approximate)	<b>8X</b> (φ90)	<b>10X</b> (φ90)	<b>12X</b> (φ90)	<b>15X</b> (φ90)
Images of models				
Lens diameter (lens composition)	φ 90 (quadruplet lens)	φ 90 (quadruplet lens)	φ 90 (3 groups, quintuple lens) with polarizing filter as standard	φ 90 (3 groups, sextuplet lens) with polarizing filter as standard
Images of models				

Magnification of our product is expressed in term of area magnification. This is comparison of area magnification and line magnification, expressing in term of line magnification.

Area magnification	Line magnification
2x	1.4x
3x	1.7x
4x	2x
6x	2.4x
8x	2.8x
10x	3.1x
12x	3.4x
15x	3.8x

Lens (area magnification)	Eye point (mm)	Lens diameter (mm)	Working distance (mm)	View (mm)	Weight (g)	Optional multi-coated lens
2x	150	φ130	160	φ170	400	○
3x	150	φ130	130	φ140	500	○
4x	150	φ130	110	φ120	700	○
6x	100	φ105	82	φ70	570	○
8x	105	φ90	54	φ40	1300	×
10x	80	φ90	43	φ40	1350	×
12x	80	φ90	35	φ40	1350	×
15x	65	φ90	30	φ30	1560	×

## Magnification lineup of WIDE Series interchangeable lens

Area magnification (approximate)	<b>WIDE 2X</b> (φ150)	<b>WIDE 3X</b> (φ150)	<b>WIDE 4X</b> (φ150)	Lens (area magnification)	Eye point (mm)	Lens diameter (mm)	Working distance (mm)	View (mm)	Weight (g)	Optional multi-coated lens
Image of models				WIDE -2x	150	φ150	150	φ200	700	○
Lens diameter (lens composition)	φ 150 (single piece lens)	φ 150 (single piece lens)	φ 150 (double lens)	WIDE -3x	150	φ150	120	φ180	720	○
				WIDE -4x	150	φ150	100	φ160	1150	○