

HB series microscopy ring light offer 360 degrees of bright shadow free direct lighting. With build in DC constant current driver (CCD) and micro processor control. It offer a flicker free and has no ballast humming or fan spinning noise. Life time is longer then conventional fluorescent or halogen bulb. It is a cool lighting and less heat generate during longer time operation.

Features

- Compact size, lighting body and controller combine together.
- 40-65 mm inner diameter compatible with most microscopes.
- Up to 15 kinds of lighting mode can be used.
- Easy installation rubber cushion protect thumb screw, no scratch on lens.
- Offered ring color from White to Yellow, Red, UV, IR and else.

Applications

- Compatible with various kinds of stereo microscopes for Biological, Electronic, Jewelry and Metallographic inspection.
- Lighting source for digital or CCD camera for Medical, Metallographic or Micro-vision photographic use.
- As a auxiliary illumination to work with goose neck lighting.

Specification

| Light | | Mechanical | |
|-------------------|---|--------------------------|---|
| Light Source | 72 high bright LED | Working Distance | 60 – 150 mm |
| Color | White, Yellow | Inner Diameter | 40 – 65 mm |
| Luminance*1 | 37,000 Lux (White) | Weight | 198 g |
| Color Temp. | 5,500-6,500 K (White) 4,000-5,000 K (Yellow) | Dimension (LxWxH) | 138 x 89 x 25 mm |
| Electrical | | Functions | |
| Controller | Integrated | 4 Segments Control | Totally 15 lighting can be setup. |
| Intensity Control | Linear Regulation | Lighting Mode Save | Auto-save latest lighting mode. |
| LED Current Drive | Constant Current (CC) | Environmental | |
| Power Input | DC 24V/0.2A | Operate Temp. & Humidity | Temp. 0~45 ℃, Hm. 20~85% (No condensing) |
| Power Consumption | < 4W | Storage Temp. & Humidity | Temp. -20~60 ℃, Hm. 20~85% (No condensing) |

*1: Measuring distance from 80 mm below the light source.

Lighting Modes

HB-72 4 segments control function, users can divide lighting from full circle to quarters. There are totally 15 kinds of lighting mode can be used.



Faceplate



- 1 4 segments control indicator.
- 2 S1, S2 lighting mode setup button.
- 3 0~100% brightness adjust dimmer.
- 4 Power switch.

