

# LED RING ILLUMINATOR

## Illumination Light Source

### Product Information

### LED Ring Illuminator

### **Starlite Series 130 series (ESD Version!)**



**Model : PT-1301**

The **Starlite Series Model PT1301** is a high quality super long life 48 LED Ring illumination for stereo microscopes.

The long lifetime of LED make this product a cost effective illumination for industrial usage. It also provides cool, uniform, flare free and focused shadowed-free illumination. Diameter adjustable to match various microscope

The **Starlite series** provide shadow-free, intense cool illumination for many applications including assembly, inspection, and laboratory analysis.

A knob potentiometer adjusts lamp intensity to suit the type of package inspection.

TECHNICAL SPECIFICATION

#### General Technical Specification

Input Voltage: 100-240V
Input Frequency: 50/60 Hz
Input Current: 1.5A
Input Power: 12W
Operating Temperature: 0-40 Centigrade
Storage Temperature: -25-85 Centigrade
No. of LED: 48
Color of LED: White
Ring Casing Color: Black
Mount ID: $\Phi$ 62.5mm

#### Features.

- ESD Version
- Shadow Free Illumination
- 48 Super Bright White LED Bulb
- Concentrated Light On Surface
- Adjustable Brightness Control
- Adjustable of mount  $\Phi$  41-60/41-62mm/25-40mm
- Safety Approved
- 3 Pin Type Electrical Plug available

Model Available	Type of Accessory Available*
PT-1301 LED Ring Illuminator PT-1302 LED Ring Illuminator PT-1303 LED Ring Illuminator PT-1304 LED Ring Illuminator	Option of Frosted Glass for PT-1302, PT1303, PT-1304 only  <i>*Kindly Specify the type of model require when ordering</i>

**Ring Light Illuminator**



**#1301**

**(#1301) LED Ring Illuminator**

ID: 62.5mm  
OD: 100mm  
Ring Casing Color: Black  
LED Lamp: White  
Feature: Intensity Control  
Accessory: NIL



**#1302**

**(#1302) LED Ring Illuminator**

ID: 62.5mm  
OD: 100mm  
Ring Casing Color: Black  
LED Lamp: White  
Feature: Intensity Control  
Accessory: Frosted Glass 1302A



**#1303**

**(#1303) LED Ring Illuminator**

ID: 40mm  
OD: 90mm  
Ring Casing Color: Black  
LED Lamp: White  
Feature: Intensity Control  
Accessory: Frosted Glass 1303A

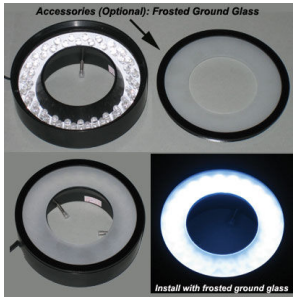


**#1304**

**(#1304) Area Control LED Ring Illuminator**

ID: 40mm  
OD: 90mm  
Ring Casing Color: Black  
LED Lamp: White  
Feature: Area & Intensity Control  
Accessory: Frosted Glass 1304A



	<p><b>(#1302A, 1303A, 1304A) Frosted Glass Accessory</b></p> <p>Option of Frosted Glass for PT-1302, PT1303, PT-1304 only</p>
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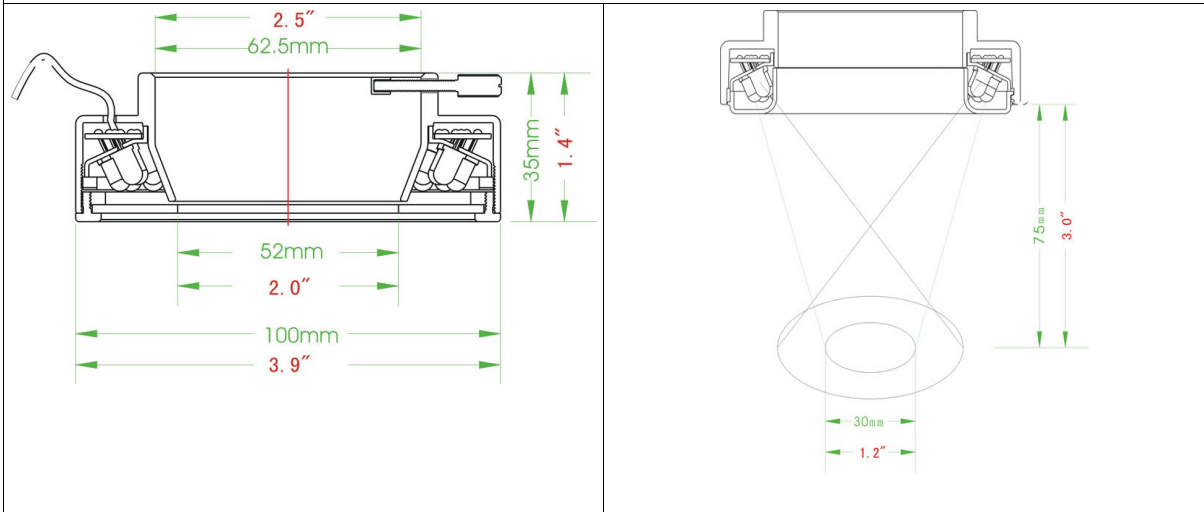
### PRODUCT INFORMATION

Model	1301	1302	1303	1304
input voltage (AC)	100-240V	100-240V	100-240V	100-240V
output voltage (DC)	9-13.2V	9-13.2V	12V	12V
input current mA	300mA	300mA	450mA	450mA
Dia. (MAX)	Φ 62.5mm	Φ 62.5mm	Φ 40mm	Φ 40mm
casing material	Al	Al	Al	Al
LED quantity	48	48	80	80
working distance	75mm	75mm	81mm	81mm
lightness	continuous control	continuous control	continuous control	continuous control
Brightness lux	Approx. 5000lux	Approx. 5000lux	Approx. 16000lux	Approx. 16000lux
color temperature ±	6000K	6000k	6000K	6000K
power	12w	12w	12w	12W
LED life	min. 10000hours	min. 10000hours	min. 10000hours	min. 10000hours
LED Color	White	White	White	White
Area Control	No	No	No	Yes
Frosted Glass Accessory Option	No	Yes	Yes	Yes

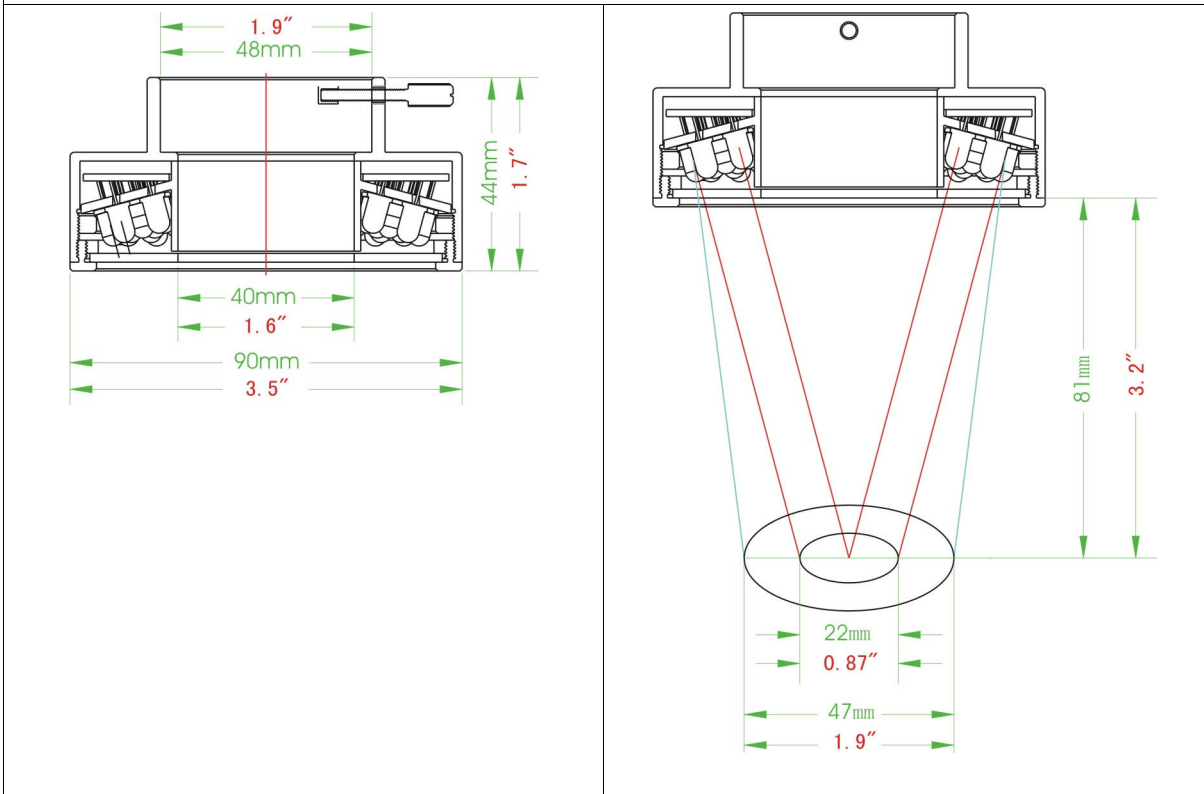


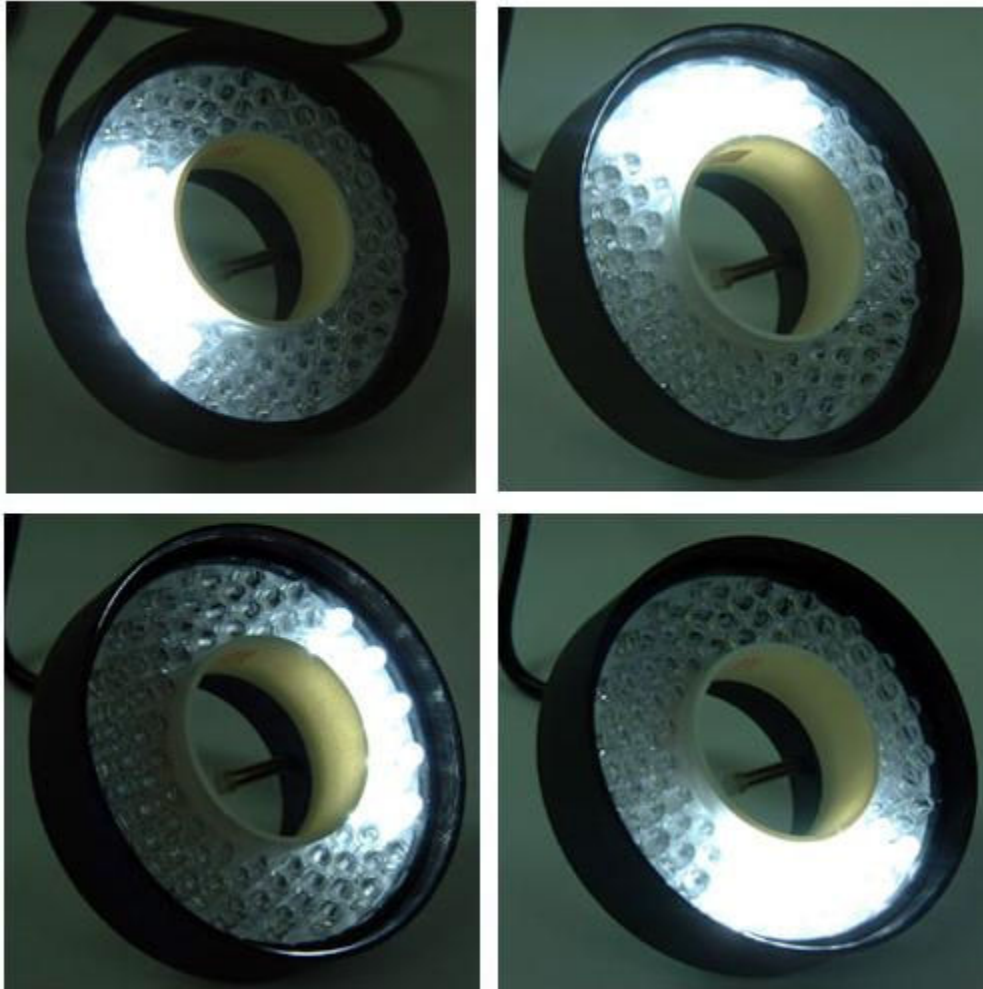
**DIMENSION INFORMATION**

1301/1302



1303/1304





**#1304 Area Control LED Ring Illuminator**

**For More Information**

For more information on our products and services, kindly send an email to [sales@pinnacletech.biz](mailto:sales@pinnacletech.biz)  
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