

LED RING ILLUMINATOR

Illumination Light Source

Product Information

LED Ring Illuminator 131 Series



Model : PT-1311

The **LED Ring Illuminator Model PT1311** is a high quality compact and super long life 60 LED Ring illumination used for stereo microscopes.

With the integration of the intensity and sector control button on the ring light, this made the product look compact and neat.

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 microscopes.

TECHNICAL SPECIFICATION

General Technical Specification

Input Voltage: 100-240V
Input Frequency: 50/60 Hz
Output Voltage: 12V
Output Current: 400mA
Operating Temperature: 10-40 Centigrade
Storage Temperature: 10-70 Centigrade
No. of LED: 60
Color of LED: White
Ring Casing Color: Black
Mount ID: Φ 60.0mm
Working Distance: 50~150mm
Color Temp: 6500K

Features.

- Compact Series
- Shadow Free Illumination
- 60 Super Bright White LED Bulb
- Concentrated Light On Surface
- Adjustable Brightness Control
- Sector Control Function
- Adjustable of mount Φ 41-60
- Safety Approved

Model Available	Type of Accessory Available*
PT-1311 60 LED Ring Illuminator PT-1312 48 LED Ring Illuminator PT-1313 48 LED Ring Illuminator PT-1314 24 LED Ring Illuminator	*Kindly Specify the type of model require when ordering

Ring Light Illuminator



#1311



#1312

(#1311) Area Control LED Ring Illuminator

ID: 60mm

OD: 110mm

Ring Casing Color: Black

LED Lamp: White

Feature: Area & Intensity Control

Accessory: 2pin Type 12V 1.0 Amp Power Supply Adaptor, Option of 3pin Type 12V 1.0 Amp Power Supply Adaptor

(#1312) LED Ring Illuminator

ID: 60.0mm

OD: 100mm

Ring Casing Color: White

LED Lamp: White

Feature: Intensity Control

Accessory: 2pin Type 12V 1.0 Amp Power Supply Adaptor, Option of 3pin Type 12V 1.0 Amp Power Supply Adaptor

PRODUCT INFORMATION

Model	1311	1312	1313	1314
input voltage (AC)	100-240V	100-240V	100-240V	100-240V
output voltage (DC)	12V	24V	4.5V	4.5V
Output Current	400mA	160mA	950mA	470mA
Diameter (MAX)	Φ 60mm	Φ 60mm	Φ 60mm	Φ 60mm
Casing Material	Alum	Polymer	Polymer	Polymer
LED Quantity	60	48	48	24
Working Distance	50~150mm	50~150mm	50~150mm	50~150mm
Intensity Control	Step Adjust	Rotary Adjust	No Adjustment	No Adjustment
Area Control	Yes	Yes	No	No
Luminance	16000 lux	13000 lux	10000 lux	6500 lux
Color Temp	6500K	6500K	6500K	6500K
Power Consumption	6.5 Watt	5.5 Watt	5.5 Watt	3 Watt
LED Color	White	White	White	White
Wavelength	460	460	460	460
LED Life	min. 10000hours	min. 10000hours	min. 10000hours	min. 10000hours

For More Information

For more information on our products and services, kindly send an email to sales@pinnacletech.biz
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