



# ORACLE LIGHTING

## 38W UVC ROOM DISINFECTION LAMP

### MODEL# 38W-UV-C



#### SPECIFICATIONS:

- Input Power- 110V (Wall Outlet)
- Output Power- 38 Watts
- Wavelength- 254nm True UVC
- Material- Quartz Glass Tube
- Irradiation Range- 400 Square Feet
- Irraditaion Angle- 360°

#### INSTRUCTIONS:

To get started, simply plug into a wall outlet. Turn the device on by pressing the "on/off" switch then select the duration you want - 15 minutes for a 100 square foot area, 30 minutes for a 200 square foot area and 60 minutes for a 400 square foot area.



#### ABOUT UVGI:

Ultraviolet germicidal irradiation (UVGI) is a disinfection method that uses short-wavelength ultraviolet A (UVA), ultraviolet BC (UVB), or ultraviolet C (UVC) light to kill or inactivate microorganisms by destroying nucleic acids which, in turn, disrupts their DNA, rendering them inactive by leaving these cells unable to perform vital cellular functions. UVGI is already used in a variety of applications, such as food, air, and water purification. The application of UVGI to disinfection has been an accepted practice since the mid-20th century. It has been used primarily in medical sanitation and sterile work facilities.

UV light is electromagnetic radiation with wavelengths shorter than visible light but longer than X-rays. UV can be separated into various ranges, with short-wavelength UV (UVC) considered "germicidal UV". Wavelengths between about 200 nm and 300 nm are strongly absorbed by nucleic acids. The absorbed energy can result in defects including pyrimidine dimers. These dimers can prevent replication or can prevent the expression of necessary proteins, resulting in the death or inactivation of the organism.

#### FEATURES:

- Motion Sensor Safety Feature
- Wireless Remote Control
- Multiple Timer Settings
- Disinfects up to 400 Square Ft
- Plugs into Standard Outlet
- Does not produce Ozone Gas
- Works for Home or Office
- Sanitizes Surfaces and Kills Viruses
- 1 Year Warranty

