

UV INTENSITY VERIFICATION

To ensure that your PM-32B flood lamp is operating at the required UV intensity, it should be checked periodically. The AccuMAX™ XRP-3000 radiometer/photometer kit uses a UV-A sensor detector to accurately measure ultraviolet irradiance and white light. For more information about these units, please contact the Customer Service Department at Spectro-UV.

CARE AND MAINTENANCE OF LAMP

- Turn off flood lamp and ensure unit is cool before cleaning filter glass. Please use lens tissue, or non-dust cloth for cleaning.
- Be sure to use genuine PowerMAX™ Series replacement parts. Using another manufacturer's parts could affect product performance and will void the lamp's warranty.

LIMITED WARRANTY

The warranty policy for the **PowerMAX™ Series** lamp is provided on the Certificate of Limited Warranty enclosed separately with each unit

NOTE

For assistance of any kind, please contact the Customer Service Department at Spectro- UV. Give the model and serial number of the unit and the date of purchase. The serial number is located on the lamp housing.

PowerMAX™ 365 Series UV-A LED Panel Flood Lamp Part No. PM-32B

INTRODUCTION

The **PowerMAX™ Series model PM-32B** UV-A LED Panel Flood Lamp is an overhead flood lamp light source featuring 32 UV-A LED's & 8 white LEDs. The versatile, stationary light source can be installed overhead, in line or ganged together to provide a wider range of coverage area. The PM-32B is ideal for NDT inspection booths, fluorescent penetrant and magnetic particle inspection, screening of fluorescent particles, wash station inspection and many other applications requiring maximum uniformity of UV-A coverage over a large area. fluorescent magnetic particle and penetrant testing and other specialized applications requiring maximum uniformity of UV-A coverage over a large area.


WARNING

**UV light emitted from this product. Avoid eye and skin exposure to unshielded products
FOR PROFESSIONAL EXAMINATION USE ONLY**

IMPORTANT SAFETY INSTRUCTIONS (Read all instructions)

- Do not operate the flood lamp if it has been damaged
- Do not look directly into the UV light. Wear UV-absorbing protective eyewear when operating this or any UV flood lamp.
- Never use this equipment in any manner not specified in these instructions because your protection may be impaired.
- This lamp is not approved for use in hazardous atmospheres. Do not attempt to use it in areas requiring explosion-proof lighting.
- NEVER aim the lamp in the direction of another human being. It is meant for professional fluorescent inspections ONLY!
- DO NOT attempt to modify the lens assembly or light output. Doing so may alter the performance and intensity of the lamp.

FEATURES

- Long lasting LED's with expected lifetime of 40,000 hours.
- Gangable – link lamps together using single power source for greater coverage area
- SPDT toggle switch to easily switch between UV-A and White Light
- Integrated Electronic Intensity Control switch to adjust light intensity.
- Mechanically cooled system with built in fan to ensure light source maintains optimum UV-A intensity during extended use.
- Integral UV-A Pass Filter

TECHNICAL SPECIFICATIONS

Light Source.....	32 UV-A LED's & 8 White LED's
Lamp Style.....	Panel Flood Lamp
Dimensions(L x W x H).....	37.8 in (96 cm) 6.7 in (17 cm) X 3.94 in (10 cm)
Weight.....	34.1 Lb (15.5 Kg)
Intensity Control.....	From 10% - 100%
Power Requirement.....	100V - 264V, 50-60Hz

KIT COMPONENTS

Unpack and inspect the components for possible damage in shipment. If any damage is noted, immediately notify the carrier and supplier and do not use the light source.

- 1)PowerMAX™ 365 UV-A LED Panel Flood Lamp
- 2)AC Power Cord
- 3)Chain and Hooks.

*Each of the AC cords is fitted with the appropriate plug for the country of destination

USE

- Connect the cord directly into appropriate power source
- The lamp is equipped with a two-position rocker power switch on the side of the lamp housing.
(I – white light; O – off; II– UV light)
- To adjust the UV-A light intensity rotate the Electronic Intensity Control switch located on side of lamp.