

## NEWLY MANUFACTURED UVA LED ASSEMBLY

### UVA LED LAMP ASSEMBLY FOR MPI & LPI

**Product Code - 312510**

Assembly has 'Diffuse' lamp, results into spreading intensity over Large Area.  
UVA LED Assembly for NDT Inspection. UVA Light Wavelength 365nm.

#### FEATURES

Light source  
UVA LED Lamp.

#### UVA Light Intensity

More than 15,000  $\mu\text{W}/\text{sq.cm}$ , at 150mm or 6 inches  
Coverage Area, of light intensity 1000  $\mu\text{W}/\text{sq.cm}$ , is 230mmX230mm.  
When the lamp is at a distance of 380mm or 15inches  
Light Intensity at Center is 3500  $\mu\text{W}/\text{sq.cm}$

#### SPECIALITIES

Light of desired intensity is available as soon as the Lamp is switched ON.  
White Light intensity in UVA Light is  $<9\text{Lux}$   
The White Light intensity required as per International Standards for MPI and LPI is less than 21.5 Lux  
Works on low power: 0.5 Amp. 12 Watts.  
The rise in Temp of lamp is max up to  $4^{\circ}\text{C}$  above room temp when the lamp is kept ON for 2 Hours.

#### Physical Dimensions

Front portion square size, 85mm X 85mm,  
Length 195mm  
Weight: 1kg. Approx.  
Please refer Photograph of UVA LED  
Assembly.

#### FACILITIES

Connecting Cable 5Mtr.  
ON/OFF Switch, provided on lamp handle.  
Fan provided on back side of LED lamp.

#### Necessary Electric Supply:

230V, Single Phase, 50 HZ.

#### USE :

UVA LED Assembly is used for NDT  
Inspection i.e. Magnetic Particle Inspection  
(MPI) and Liquid Penetrant Inspection (LPI).

UVA LED LAMP  
ASSEMBLY FOR  
MPI & LPI

