



Intelligent illumination labs

UV-A 365nm 24"

NDT Pen Rinse Light

Intelligent Illumination Labs, an innovator in lighting solutions for Non-Destructive Testing, and understands the short comings of inspection lighting for Fluorescent Penetrant Testing and Magnetic Particle Testing

- Improved UV-A Technology
 - **LEDs produces light between 360-370nm.**
 - Does not overlap the UV-B and Visible light bands.
 - Overlapping beams create uniform coverage and eliminate veiling glare
 - LEDs produce <2 foot-candles of White Light at 48".
 - **Peak of 100+ $\mu\text{W}/\text{cm}^2$ of UV-A across a 36" x 26" area at a 48" distance**
 - Reaches peak output in milliseconds - No warm up delay
- Improved Functional Design
 - Temperature stable without cooling fans (No Fuzz Oil Goo)
 - Mounts with built in angle brackets, or added eye bolts.
 - Acrylic splash guard
 - Uses only 24 watts of power.
 - Mercury free
 - Increases detection of yellow-green fluorescent indications
 - Protects the eyes from UV-A radiation

Conventional fluorescent inspection lighting fixtures have many draw backs.

- Filters
- Wide spectrum UV-A light.
- Veiling glare, Excessive White light.

We meet the following specifications for wash stations:

- ASTM E1417: Black light intensity : More than 100 $\mu\text{W}/\text{cm}^2$ at 48"
- ASTM E1417 : Will not exceed 2 foot candles of White Light.

MODEL: Penrinse UV365-24L

