

Luminosity Compliance Checklist

Ensuring Compliance with Luminosity Requirements in Instrument Reprocessing

This checklist is intended to provide guidance around luminosity requirements as defined by ANSI/AAMI ST91:2017 and ST91:2021 to ensure your reprocessing department and inspection process is in compliance.

Determine the Specific Luminosity Requirements

Check-off boxes if your department is meeting or exceeding the following guidelines.

Am I achieving the standards for maximum illuminance in sterile processing departments (SPD) and endoscopy departments as per ANSI/AAMI ST79 and ST91 based off the age of my employees?

My team members are up to 40 years of age

- General Inspection: 500 Lux (50 foot-candles)
- Detailed Inspection: 1000 Lux (100 foot-candles)
- Sink Areas: 500 Lux (50 foot-candles)
- General Work Areas: 200 Lux (20 foot-candles)
- Processed Storage: 200 Lux (20 foot-candles)

My team members are up to 40-55 years of age

- General Inspection: 750 Lux (75 foot-candles)
- Detailed Inspection: 1500 Lux (150 foot-candles)
- Sink Areas: 750 Lux (75 foot-candles)
- General Work Areas: 300 Lux (30 foot-candles)
- Processed Storage: 300 Lux (30 foot-candles)

My team members are over 55 years of age

- General Inspection: 1000 Lux (100 foot-candles)
- Detailed Inspection: 2000 Lux (200 foot-candles)
- Sink Areas: 750 Lux (75 foot-candles)
- General Work Areas: 500 Lux (50 foot-candles)
- Processed Storage: 500 Lux (50 foot-candles)

My team members are receiving higher/appropriate lighting for tasks requiring high accuracy, speed, or being of high importance

Luminosity Obstacles

Check-off boxes if your department has any of these obstacles which may be preventing you from meeting or exceeding recommendations for luminosity.

- Does our shelving create shadows which make our lighting less effective?
- Does our equipment and/or materials create shadows which make our lighting less effective?
- Does staff have the ability to increase or dim the illumination based on their task?
- Can light be physically moved and manipulated to reduce glare?
- Are darkly-colored materials or areas receiving additional lighting?
- Does staff have additional lighting available outside of department/room overhead lighting?

This list is not all inclusive; consult your device manufacturer's instructions for use, hospital guidelines, and other relevant standards for other pertinent considerations.