XRAY LIGHTING INCORPORATED

PRODUCT DATA SHEET

# LCB-XRAY

LIGHTING CONTROL BOX FOR SIEMENS HEALTHINEERS IMAGING SYSTEMS

## PRODUCT OVERVIEW

The **LCB-XRAY** Lighting Control Box is a system specific lighting control interface designed for seamless integration with Siemens Healthineers imaging systems, including CT, Radiography, Mammography, R/F, PET-CT, and SPECT-CT. It provides silent, reliable control of X-ray warning and exam room lighting while meeting clinical electrical and safety standards

## TECHNICAL DATA

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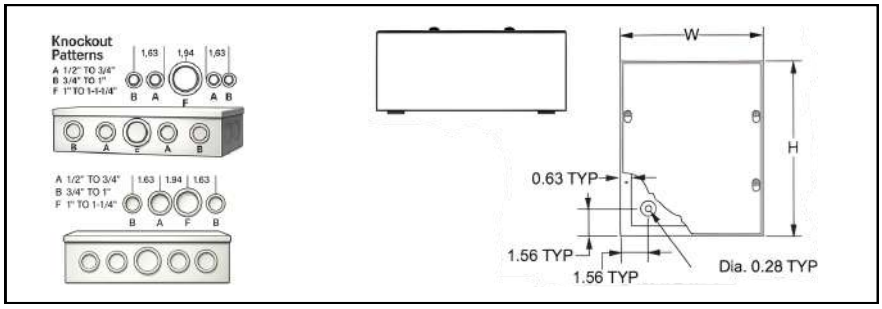
|---|---|
| **Product Model** | LCB-XRAY |
| **Enclosure Dimensions** | 10 in × 10 in × 4 in |
| **Weight** | Approx. 8 lb |
| **Input Voltage** | 100–277 VAC |
| **Power Consumption** | < 1 Amp |
| **X-Ray Warning Light Circuit** | 1 × Discrete Circuit, 100–277 VAC, 15 A max |
| **Exam Room Lighting Circuit** | 1 × Discrete Circuit, 100–277 VAC, 15 A max (R/F only) |
| **Terminal Wire Range** | 10–22 AWG |
| **Mounting** | 4 rear mounting holes for wall or ceiling installation |
| **Operation** | Silent electronic control |

## COMPLIANCE AND CERTIFICATIONS

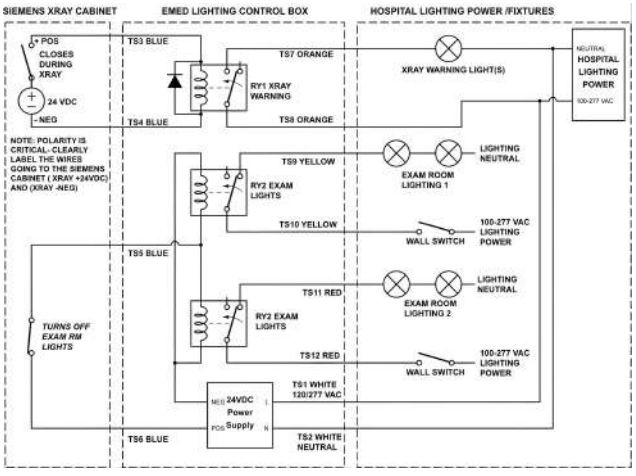
- **UL 50, Type 1 Enclosure**
- **UL Listed (File E6924)**
- **CSA Certified, Type 1 (File LL66078)**
- **NEMA / EEMAC Type 1**


## KEY SPECIFICATIONS

- Guaranteed compatibility with Siemens imaging systems
- Discrete control of X-ray warning lighting circuits
- Discrete exam room lighting control (R/F systems only)
- Wide-range input voltage support
- Silent operation (no relays or audible switching)
- Wall or ceiling mountable enclosure
- Industrial-grade construction for clinical environments




**EXAMPLE SCHEMATIC:** VARIES ACCORDING TO SYSTEM TYPE AND APPLICATION




## INSTALLATION NOTES

1. Installation must be performed by qualified electrical personnel
2. Verify system type before installation (CT, RAD, R/F, PET-CT, etc.)
3. Confirm supply voltage (100–277 VAC) prior to wiring
4. Use conductors within the specified 10–22 AWG range
5. Mount enclosure securely to a suitable wall or ceiling substrate
6. Wiring schematic may vary depending on system type and application

** Each LCB-XRAY unit is configured for a specific Siemens system. Always refer to the project-specific schematic supplied with the unit.

MADE IN USA

For More Information
www.xraylightingcontrol.com

Call us
+1 503 893 2350
xraylighting@outlook.com