**SECTION 28 13 26**

**MASTER SPECIFICATION**

**ACCESS CONTROL OPERATION SYSTEMS**

# PART 1 GENERAL

## 1.1 SECTION INCLUDES

A. Luxer Room electronic package system consists of a wall-mounted or free-standing electronic enclosure and managing software. The system is designed to interface with the Luxer One Smart Locker system. Luxer Room is controlled and managed by proprietary software.

## 1.2 RELATED SECTIONS

A. Section 055000 - Metal Fabrications: Metal anchors.

B. Section 123100 – Manufactured Metal Casework.

C. Section 260500 - Building Electrical.

D. Section 42356.1 - Plastics and Rubber.

## 1.3 REFERENCES

A. ASTM A653/A653M - 19a Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed).

B. ASTM A240 - Specification for Austenitic Metal Sheet, Strip, Plate and Flat Bar.

C. ASTM A1008 - Specification for Steel, Sheet Cold-Rolled, Carbon, Structural High Strength Low-Alloy and High Strength Low-Alloy with Improved Formability.

D. ASTM B209 - Specification Aluminum and Aluminum-Alloy Sheet and Plate.

E. ASTM B221 - Specification Aluminum and Aluminum-Alloy Extruded Bar, Rods, Wire, Shapes, and Tubes.

## 1.4 SUBMITTALS

A. Submit under provisions of Section 013000.

B. Room product information can be found at: <http://info.luxerone.com/download-package-room-specifications>

C. CAD Illustrations: Created for each individual project; show dimensions of the Luxer Room system, wall lengths and depth, and interface with other products.

D. Elevation Illustrations: Indicate Luxer Room component profiles, elevations, finishes, and accessories.

E. Closeout Submittals: i) Manuals for installation and maintenance are provided upon request and at the time of installation. ii) The manufacturer warrants the equipment and system to be free of material manufacturing defects for a term of 1 year. Metal housing components are covered by a 1 (one) year manufacturer's warranty from the date of delivery. Damage caused by vandalism, excessive wear, and tear or adverse weather conditions is not covered by the warranty.

## 1.5 SCHEDULING

A. Ordering: Orders are placed through the manufacturer’s sales department.

B. Delivery: The manufacturer will deliver in original packaging. Customer to inspect for damage and accept at the time of delivery.

C. Storage: Products are delivered and stored in a dry, well-ventilated area until ready for installation.

D. Handling: Luxer Room parts to be handled in a way to prevent damage or scuffing of the finished product.

E. Installation: Luxer One project management representative will coordinate delivery and installation to location as arranged in advance with customers.

## 1.6 REGULATORY REQUIREMENTS

A. Comply with Accessibility Guidelines of the Fair Housing Act ([www.fairhousingfirst.gov](http://www.fairhousingfirst.gov)). Both hardware and software designs include high/low reach minimums. Reach out to Luxer One for regulatory sections on compliance.

1.7 QUALITY ASSURANCE

A. Installation Qualifications: Installations can be completed by Luxer One or self-installed by the customer.

# PART 2 PRODUCTS

## 2.1 MANUFACTURERS

A. Acceptable Manufacturer:
Sales Office: Luxer One, 5665 Power Inn Road, Suite 140, Sacramento, California, 95825
Manufacturing Operations: Luxer One, 5665 Power Inn Road, Suite 140, Sacramento, California, 95825
Tel: (415) 390-0123
Email: installs@luxerone.com
Web: <https://www.luxerone.com/>

B. Substitutions: Not permitted.

## 2.2 ELECTRONIC PACKAGE ROOM SYSTEM

A. Luxer Room smart package system includes a minimum of one touchpad for each assigned room. Additional touchpads may be connected and the Luxer Room may be controlled from Luxer One MAIN locker unit touchpad. For more information refer to the Luxer Room information sheet [Insert here].

Luxer Room includes the following components:

* + 1. Touchscreen
		2. Power Supply
		3. Controller Board
		4. Router
		5. Mounting enclosure bracket (10 lbs) or Free Standing Kiosk (70 lbs)
		\*\*\* Note to Specifier: Select either Mounting enclosure bracket or Free Standing Kiosk\*\*\*

\*\*\*Note to Specifier: Property responsible for purchasing and installing own door strike\*\*\*

1. Luxer Room may be used indoors with the Mounting enclose bracket. Luxer Room may be accessed from an outdoor environment using the Free Standing Kiosk. Camera Kit may be added to the interior of the package room.
2. Luxer Room Touchpad is indicated on the associated plan. Door access is managed by software. Each room shall be equipped with a door strike purchased and installed by the property.
3. Luxer Room Materials:
4. Touchpad casing: Galvannealed Steel (ASTM A653-653M-19A)
5. Kiosk Material: Aluminum Steel (ASTM B209)

1. Locker System Base Materials:
2. Kiosk Material: Aluminum Steel (ASTM B209)

1. Finishes:

 Wall Mounted TouchPad:

1. Black (RAL 9005)

 Kiosk:

1. Black (RAL 9005)
2. Silver (RAL 9006) (Default for outdoor systems)
3. Other Custom Colors available

1. Mounting:
2. Wall mounting for interiors - Touchpad (see installation directions)
3. Floor mounting for outdoor Kiosk (see installation directions)

# PART 3 EXECUTION

## 3.1 EXAMINATION

A. Site Survey:

* + 1. Check for active Ethernet and power.
		2. Check for adequate clearance and pathway to install area.
		3. Confirm dimensions to the floor plan.
		4. Ensure the floor is level for installation.
		5. Mark location of the wall-mounted unit.

## 3.2 INSTALLATION

A. Install the Luxer Room in accordance with shop drawings and installation guides.

B. Mount and Kiosk shall be level and adjusted in accordance with installation spec guides.

C. Alcove installations shall require a minimum clearance of 2 inches around the sides of the lockers and 3 inches between the lockers and back wall of the alcove.

D. For nominal temperatures for both indoor and outdoor systems, refer to temperature and humidity sections on Spec Sheet.

## 3.3 COMMISSIONING

A. Luxer Room system shall be tested at the manufacturer and during initial installation.

## 3.4 CLEANING

A. Refer to Luxer One General Cleaning Guide.

## 3.5 PROTECTION OF INSTALLED PRODUCTS

A. Protect installed products until completion of installation or project. Touchup, repair, and replace damaged product until completion of the project.

END OF SECTION