**SECTION 10 55 26**

**MASTER SPECIFICATION**

**LOCKERS – Parcel**

# PART 1 GENERAL

## 1.1 SECTION INCLUDES

A. Luxer One smart locker system includes metal lockers with electronically controlled enclosures. Lockers are 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. Locker product information can be found at: <http://info.luxerone.com/download-package-locker-specifications>

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

D. Elevation Illustrations: Indicate locker 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) Manufacturer warrants the equipment and system to be free of material manufacturer defects for a term of 1 year. Metal locker 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 are not covered by the warranty.

## 1.5 SCHEDULING

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

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

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

D. Handling: Lockers 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.

B. Comply with UL-Standard-60950-1:2007-R (TUV Safety Standard Spec).

## 1.7 QUALITY ASSURANCE

A. Installation Qualifications: All installations are coordinated by Luxer One. Luxer One uses authorized installers.

B. Manufacturer Qualifications: All Luxer One manufacturers are ISO 9001:2008 certified with quality assurance practices in place.

# PART 2 PRODUCTS

## 2.1 MANUFACTURERS

A. Acceptable Manufacturer:

Sales Office: Luxer One, 5665 Power Inn Road, Suite 140, Sacramento, California, 95825

Manufacturing Operations: Roseville Precision Inc. 1180 Tara Court, Rocklin, California, 95765

Tel: (415) 390-0123

Email: [installs@luxerone.com](mailto:installs@luxerone.com)

Web: <https://www.luxerone.com/>

B. Substitutions: Not permitted.

## 2.2 ELECTRONIC LOCKER SYSTEM

A. Luxer One smart locker system includes one touchpad in each main unit. Additional lockers may be connected and controlled from the main unit touchpad. Each system comes with a variety of compartment sizes and more information may be found by reviewing the Luxer Specification Sheet [Insert here].

B. Luxer One Lockers are 76” high (unleveled), 37.5” wide and 23” deep (unless otherwise noted).

Luxer One 15-Door Main Locker – (indoor use) features:

* 15 compartments.
* Touchscreen.
* Battery back-up.
* Surge protection and electronics.
* One main unit is required with every installation.
* Weight 500 lbs.

Luxer One 17-Door Add-On Locker (indoor use) features:

* 17 compartments, ranging in size (small, medium, and large).
* Add as many as you need.
* Weight: 500lbs

Luxer One OVERSIZED Locker (indoor use)

* Accepts 100% of parcels, including oversized and oddly-shaped packages.
* At least one of these units strongly recommended for every installation.
* Weight: 270lbs

Other Luxer One Lockers include:

* 14-Door, All-Medium, 14 compartments, 500 lbs.
* 4-Door Add-On, 4 compartments, 350 lbs.
* 44-Door Add-on, 44 compartments, 763 lbs.
* 24-Door Add-on, 24 compartments, 550 lbs.
* 10-Door Sightline Main, (45.5” high (unleveled), 37.5”L, 23”D), 300 lbs.
* 12-Door Sightline Add-Ons, (45.5” high (unleveled), 37.5”L, 23”D),

1. All of the above lockers are available for outdoor use by adding a Luxer One Roof Kit (50 lbs), Camera Kit and Outdoor Footings (Exception: Sightline models)
2. Compartments are indicated on associated plan. Compartment identification is managed by software. Each compartment is equipped with electronic solenoid lock.
3. Locker Module Materials:
4. Compartment Doors: Galvannealed Steel (ASTM A653-653M-19A)
5. Framing: Galvannealed Steel (ASTM A653-653M-19A)
6. Interior Shelves: Galvannealed Steel (ASTM A653-653M-19A)
7. Cabinet: Galvannealed Steel (ASTM A653-653M-19A)
8. Latch Hooks: 301 Stainless Steel (ASTM A240)

1. Locker System Base Materials:
2. Galvannealed Steel (ASTM A653-653M-19A)

1. Kiosk Module includes the following electronic components:
2. Touchscreen (iPad GEN3 or later)
3. Camera (video and data storage recorder)
4. Router
5. Power Supply
6. Battery Backup
7. Control Board Assembly
8. GFCI Adapter (outdoor only)
9. Thermoelectric Cooling Unit (outdoor only)
10. Finishes:
11. Black (RAL 9005) (Default for indoor systems)
12. Silver (RAL 9006) (Default for outdoor systems)
13. Brown (RAL 8028)
14. White (RAL 9016)
15. Other Custom Colors available

1. Mounting:
2. Floor mounting indoor options: are available upon request.
3. Floor mounting outdoor options: provided within kit for system.
4. Wall mounting bracket available upon request.

# 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 floor plan.
    4. Ensure floor is level for installation.

## 3.2 INSTALLATION

A. Install Luxer One Lockers in accordance to shop drawings and installation guides.

B. Lockers shall be level and adjusted in accordance to 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 alcove.

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

## 3.3 COMMISSIONING

A. Locker systems shall be tested at 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 product until completion of installation or project. Touchup, repair, and replace damaged product until completion of the project.

END OF SECTION