



## Specialty Lamp Packaging Guidelines (HID Lamps, Compact Fluorescent Lamps, and U-Tubes)

The procedures outlined in this document must be used to store and prepare “Universal Waste” specialty lamps for proper recycling. Questions regarding this document should be directed to customer service, toll-free at 1-800-556-5267. All precautions should be taken to eliminate breakage of lamps. Extra charges may result from excessive breakage.

### General Packaging Guidelines for Specialty Lamps

1. Specialty lamps may be packaged in the strong outer packages. Strong outer packages are containers that are sturdy, durable, and constructed so that it will retain its contents under normal conditions of transportation. This includes original manufacturer boxes, other cardboard boxes, or fiber, plastic or steel pails and drums.
2. Sort all specialty lamps by type. **DO NOT MIX** specialty lamps.
3. Place specialty lamps in a strong outer package in a manner to prevent breakage. Where possible, avoid glass to glass pressure point. Examples include placing HID lamps into the cardboard sleeves used to ship the replacement lamps or wrapping the lamps.
4. Any shipment greater than 10 boxes or pails should be palletized, Pickups that exceed 10 containers that are not palletized may be subject to additional charges. Containers must be placed on a pallet by evenly stacking in layers. **DO NOT EXCEED 48” IN HEIGHT.**
5. Once they have been placed on a pallet, the containers must be secured with shrink or stretch wrap. (Remember to wrap the pallet as well, to minimize shifting in transit).
6. Fiber and steel drums may be palletized for shipment.

### Labeling as Universal Waste

All packages used for containing specialty lamps must have a label that states “**Universal Waste Lamps**” or a similar statement as authorized by state regulation.

### Storage of Lamps

Universal waste lamps must not be stored in excess of one year. To demonstrate the storage time, mark all containers with an “**Accumulation Start Date**” (the beginning date the lamps were stored for disposal). All lamps should be stored in a manner that prevents breakage and should be stored indoors, protected against the elements. Wet packages are subject to additional handling fees. The universal waste rule requires boxes containing universal waste lamps to be kept closed unless adding or removing lamps.

### Breakage

If lamp breakage should occur, broken glass and lamp constituents may be subject to additional regulation. Call Veolia toll-free at 1-800-556-5267 for assistance with shipping crushed or broken lamps. If broken prior to packaging, lamps should be placed into plastic or steel drums. Breakage during transport is possible, therefore taping of box ends with tape is recommended. If box contains a liner make certain liner is sealed well before transport.

### Lamp Inventories

Customers are encouraged to tape lamp inventories to the end of each box. An inspection will be made at Veolia of all containers to verify lamp type and count received. Each container of specialty lamps will be billed for the full amount of lamps as received on the shipment.

### Other Suggestions:

- Whenever possible store lamps in an area accessible to the vehicle which will be picking them up.
- Minimize the number of people managing the lamps to only those that are properly trained. Collecting specialty lamps for disposal requires care to minimize breakage and an awareness of possible exposure to mercury and broken glass hazards.
- Take an in-house inventory of lamps while loading and maintain a record-keeping system for spent lamps.
- Sort all specialty lamps by type. **DO NOT MIX** specialty lamps.

### Types of Specialty Lamps



Spiral Compacts



Plug-In Compacts



High-Intensity Discharge



U-tubes



### Available Veolia Specialty Lamp Containers

Containers can be provided by Veolia. Please contact customer service toll-free at 1-800-556-5267 for additional details. Additional packaging may be available.

SKU	Type	Dimensions	Capacity
Supply-005	U-Tube Box	Varies by Region	Varies by Region
Supply-006	Steel Drum*	55 gal – 34 1/2" x 24"	600 lbs of Lamps
Supply-011	Cubic Yard Box*	36"x36"x36"	1100 lbs
Supply-094	Cubic Yard Box	36"x36"x36"	1100 lbs

\* UN/DOT approved

### How to Palletize Lamps

Palletizing lamps correctly ensures not only compliance with DOT regulations regarding shipping fluorescent lamps, but also decreases costs by optimizing truck load capacity. Pallets should be used to store lamps and aid truck loading with the availability of a fork lift and loading dock. Both lamp cartons and drums may be loaded on pallets into the truck and, if necessary, hand loaded from pallets to maximize truck capacity. Boxes should be stacked in layers, in the same direction to minimize pallet sizes. The boxes should not exceed 48" in height. All pallets of lamp cartons should be stretch-wrapped to the pallet.