

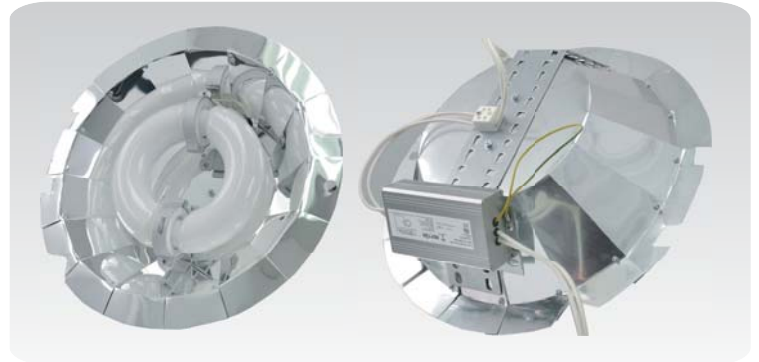
# INDUCTION - Custom Parking/Area Retrofit Kit

100,000 Hour Life

The Next Generation of Lighting



EMCO - ERP / ERP / ERW 25 Series



Neptun Certified Retrofit Kit  
for EMCO Lighting  
ERP, ERA, & ERW - 25 Series

## Specification:

|                                 |                  |
|---------------------------------|------------------|
| - Ballast Type                  | Electronic       |
| - Start Method                  | InstantON™       |
| - Hot Re-start                  | InstantON™       |
| - Universal Input Line Voltage  | 120-277 VAC      |
| - Input Line Frequency          | 50/60 Hz         |
| - Lamp/Ballast System Life      | 100,000 Hrs.     |
| - Lumen Maintenance @75,000Hrs  | >70%             |
| - Color Temperature             | 5000°K           |
| - Color Rendering Index (CRI)   | above 83         |
| - Minimum Starting Temperature  | -20°F            |
| - Maximum Operating Temperature | 160°F            |
| - Lamp Operating Frequency      | 250 kHz          |
| - Power Factor                  | > 0.98           |
| - Total Harmonic Distortion     | < 10%            |
| - Inrush Current Peak           | < 10 Amp         |
| - FCC Compliance                | Part 18, Subp. C |

## Applications, Features, and Benefits

- Custom retrofit kit for the Lithonia Lighting - ERP, ERA, & ERW 25 Series fixtures
- Custom designed anodized aluminum reflector for increased illumination
- Bright White Light (5000°K) for greater visibility and safety
- High Quality - Glare Free light with CRI above 83
- Electronic Ballasts made with long life components
- InstantON flicker-free Cold Start and Hot Re-Start
- High Power Factor, Low THD Ballast technology
- Advanced phosphors for high Lumen Maintenance and high lumen output
- Made with Amalgam Technology
- Up to 20 year maintenance free operation
- Retrofit kit comes completely assembled for simple drop-in installation
- 5 year system warranty

## Product Information - Retrofit Kit (Bulb-Ballast-Reflector)

| Item No.             | Description         | Watts | Initial Lumens | Line Voltage Supply | Line Current  | Total Harmonic Distortion (THD) | Power Factor | Packaging Dimensions |                  |                 |
|----------------------|---------------------|-------|----------------|---------------------|---------------|---------------------------------|--------------|----------------------|------------------|-----------------|
|                      |                     |       |                |                     |               |                                 |              | Width                | Length           | Height          |
| EMCOER25-120W-RK-UNV | Custom Retrofit Kit | 120   | 9,600          | 120-277 VAC         | 1.05-0.45 Amp | <10%                            | 0.98         | 18 in.<br>457 mm     | 18 in.<br>457 mm | 8 in.<br>203 mm |
| EMCOER25-150W-RK-UNV | Custom Retrofit Kit | 150   | 12,000         | 120-277 VAC         | 1.31-0.56 Amp | <10%                            | 0.98         | 18 in.<br>457 mm     | 18 in.<br>457 mm | 8 in.<br>203 mm |
| EMCOER25-175W-RK-UNV | Custom Retrofit Kit | 175   | 14,000         | 120-277 VAC         | 1.53-0.66 Amp | <10%                            | 0.98         | 18 in.<br>457 mm     | 18 in.<br>457 mm | 8 in.<br>203 mm |
| EMCOER25-200W-RK-UNV | Custom Retrofit Kit | 200   | 16,000         | 120-277 VAC         | 1.74-0.75 Amp | <10%                            | 0.98         | 18 in.<br>457 mm     | 18 in.<br>457 mm | 8 in.<br>203 mm |
| EMCOER25-225W-RK-UNV | Custom Retrofit Kit | 225   | 18,000         | 120-277 VAC         | 1.96-0.85 Amp | <10%                            | 0.98         | 18 in.<br>457 mm     | 18 in.<br>457 mm | 8 in.<br>203 mm |

Product Weight = 8-10 lbs.

NEPTUN Light, Inc.  
Questions and Comments:  
service@neptunlight.com  
Toll-Free: 1-888-735-8330

© Copyright 2009  
NEPTUN Light, Inc.

**NEPTUN**  
LIGHT®

### 1.) REMOVE EXISTING COMPONENTS

- A.) Disconnect power to fixture.
- B.) Open fixture housing by removing screws on lens.
- C.) Remove existing reflector, socket, ballast, ignitor, ballast plate, reflector straps and any other existing components.

### 2.) MOUNT NEW COMPONENTS

- A.) Wire the the ballast to the power supply.
- B.) For wiring diagram, see Pg. 2
- C.) Place reflector with pre-installed ballast and bulb into the fixture. (Fig. A)
- D.) Match the supplied holes with the existing lens screw holes. (Fig. B)
- E.) Secure reflector to housing with existing reflector screws.
- F.) Remount fixture and supply power to fixture.

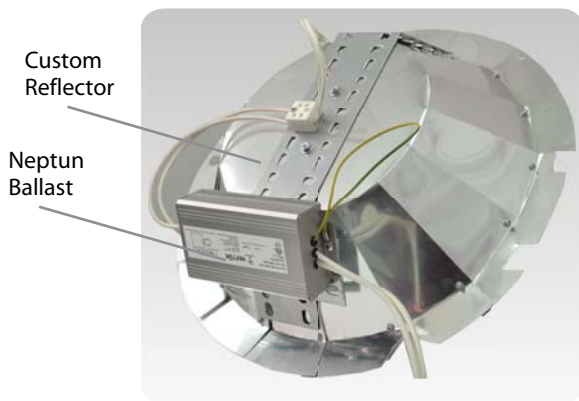


Fig. A

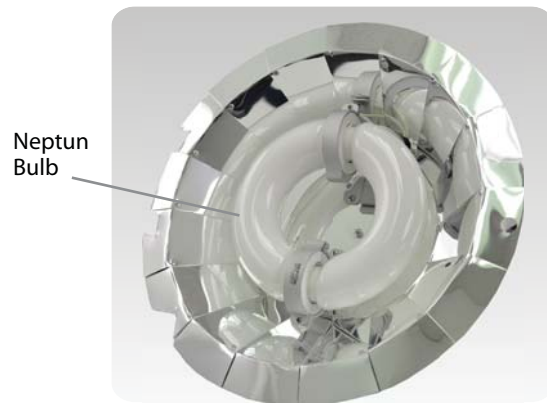


Fig. B



Secure Reflector  
with existing screws

### CAUTION!

DISCONNECT POWER SUPPLY BEFORE INSTALLATION OR MAINTENANCE.  
INSTALLATION OF THIS PRODUCT SHOULD BE DONE BY A FULLY QUALIFIED AND  
LICENSED ELECTRICIAN OR TECHNICIAN.

### INFORMATION

- A.) The EMCO Lighting ERA, ERP, & ERW 25 area fixtures can be retrofitted using a Neptun Circline Retrofit Kit.
- B.) This fixture requires a custom designed Neptun reflector and brackets
- C.) This retrofit is available in 120W, 150W, 175W, 200W, & 225W
- D.) The Neptun Electronic ballast is for universal voltage 120V - 277V.  
- 480V system also available



### ORDERING INFORMATION

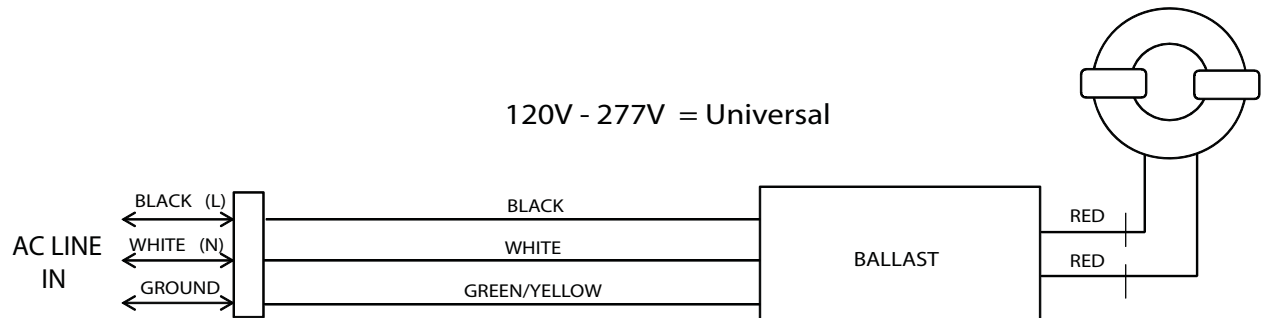
120 Watt Bulb, Ballast, & Reflector = EMCOER25-40W-RK-UNV

150 Watt Bulb, Ballast, & Reflector = EMCOER25-150W-RK-UNV

175 Watt Bulb, Ballast, & Reflector = EMCOER25-175W-RK-UNV

200 Watt Bulb, Ballast, & Reflector = EMCOER25-200W-RK-UNV

225 Watt Bulb, Ballast, & Reflector = EMCOER25-225W-RK-UNV



### CAUTION!

DISCONNECT POWER SUPPLY BEFORE INSTALLATION OR MAINTENANCE.  
INSTALLATION OF THIS PRODUCT SHOULD BE DONE BY A FULLY QUALIFIED AND  
LICENSED ELECTRICIAN OR TECHNICIAN.