

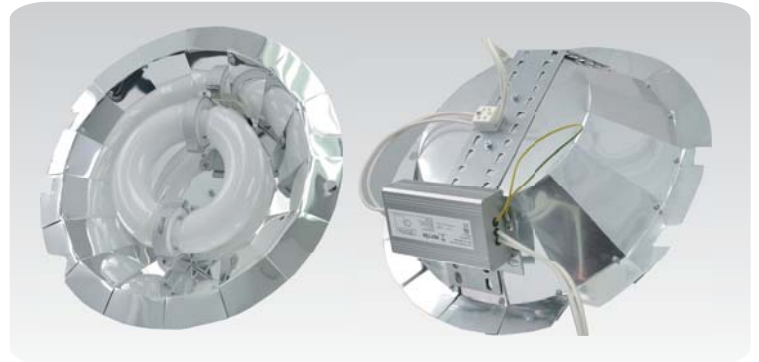
# INDUCTION - Custom Parking/Area Retrofit Kit

100,000 Hour Life

The Next Generation of Lighting



EMCO - ERP / ERP / ERW 20 Series



Neptun Certified Retrofit Kit  
for EMCO Lighting  
ERP, ERA, & ERW - 20 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 20 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
EMCOER20-40W-RK-UNV	Custom Retrofit Kit	40	3,200	120-277 VAC	0.35-0.15 Amp	<10%	0.98	18 in. 457 mm	18 in. 457 mm	8 in. 203 mm
EMCOER20-65W-RK-UNV	Custom Retrofit Kit	65	5,200	120-277 VAC	0.56-0.24 Amp	<10%	0.98	18 in. 457 mm	18 in. 457 mm	8 in. 203 mm
EMCOER20-80W-RK-UNV	Custom Retrofit Kit	80	6,400	120-277 VAC	0.69-0.30 Amp	<10%	0.98	18 in. 457 mm	18 in. 457 mm	8 in. 203 mm
EMCOER20-100W-RK-UNV	Custom Retrofit Kit	100	8,000	120-277 VAC	0.87-0.37 Amp	<10%	0.98	18 in. 457 mm	18 in. 457 mm	8 in. 203 mm
EMCOER20-120W-RK-UNV	Custom Retrofit Kit	120	9,600	120-277 VAC	1.05-0.45 Amp	<10%	0.98	18 in. 457 mm	18 in. 457 mm	8 in. 203 mm

Product Weight = 5-7 lbs.

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**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.

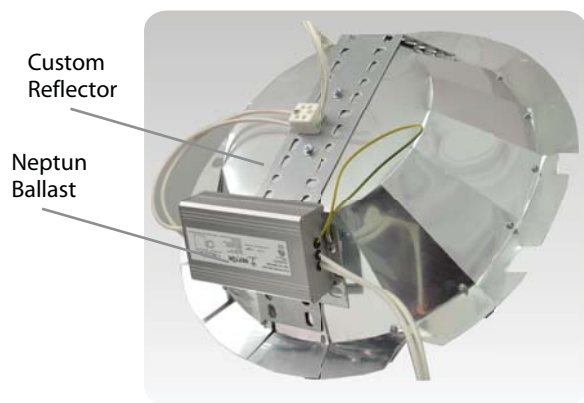


Fig. A

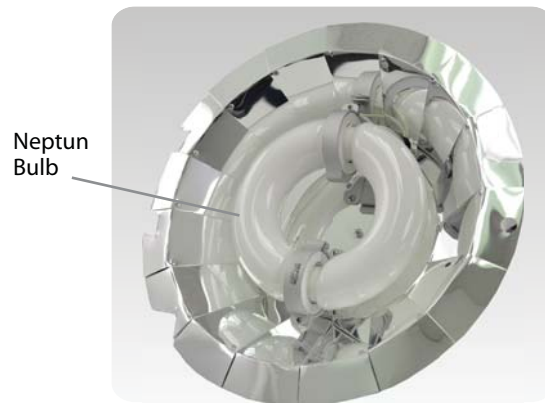


Fig. B



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 ER-20 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 40W, 65W, 80W, 100W, & 120W
- D.) The Neptun Electronic ballast is for universal voltage 120V - 277V.  
- 480V system also available

### ORDERING INFORMATION

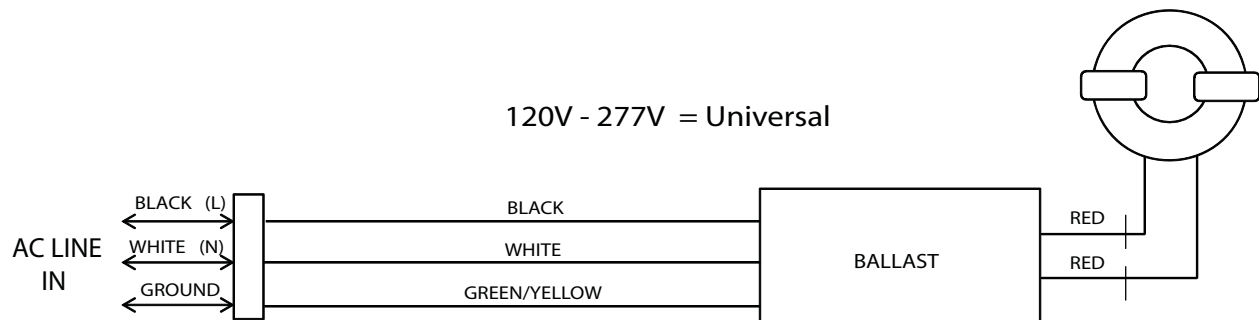
40 Watt Bulb, Ballast, & Reflector = EMCOER20-40W-RK-UNV

65 Watt Bulb, Ballast, & Reflector = EMCOER20-65W-RK-UNV

80 Watt Bulb, Ballast, & Reflector = EMCOER20-80W-RK-UNV

100 Watt Bulb, Ballast, & Reflector = EMCOER20-100W-RK-UNV

120 Watt Bulb, Ballast, & Reflector = EMCOER20-120W-RK-UNV



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