



Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's Certified Custom Induction Retrofit Kits are designed for replacing indoor and outdoor HID & HPS lighting systems in existing fixtures. The custom kits are designed and engineered to easily install into existing fixtures, cutting down on overall project costs and decreasing the payback time. They are offered in a number of wattages and the universal mounting position makes it an excellent choice for a variety of fixtures. It can replace existing HID & HPS fixtures up to 400W.

APPLICATION

- Canopy Fixtures
- Parking Lot Fixtures
- Area Lighting Fixtures

STRUCTURE, MATERIALS, & FEATURES

- Custom designed anodized aluminum reflectors for superior illuminance.
- Steel support brackets with stainless steel hardware.
- Custom engineered for easy installation.
- Teflon coated wiring protected from moisture, dust, heat, & cold.
- Inductively coupled circular or rectangular induction bulb.
- High power factor, low THD electronic ballast with surge protection.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Amalgam technology with very low mercury content.
- High quality glare-free light with high CRI (83).
- Bright white light (5000°K) for greater visibility and safety.
- Advance phosphors for high lumen output and high lumen maintenance.
- Up to 20 year maintenance free operation.
- 5 Year System Warranty.

ORDERING INFORMATION

Sample Number: REFL-CT-040RK-UNV-850
 Custom options and accessories available. Please consult factory

Series	Reflector Type	Lamp Wattage	System	Voltage	Color Temp
REFL = Reflector Type ** Custom designed kits will be given specific product numbers.	CT = Round Reflector	040 = 40 W 080 = 80 W 100 = 100 W 120 = 120 W 150 = 150 W 175 = 175 W 200 = 200 W 250 = 250 W 300 = 300 W	RK = Retrofit Kit * Bulb & Ballast Included	UNV = 120-277 VAC 277V = 277 VAC* 347V = 347 VAC ** 480V = 480 VAC ** * For 300W units only ** Uses Separate Step-Down Transformer	830 = 3000°K 841 = 4100°K 850 = 5000°K * * Standard



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PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	CCT (K)
REFL-CT-040RK-UNV	Reflector RetroFit Kit	40	41	3,200	120-277	0.35 - 0.15	<10%	>0.98	5,000°
REFL-CT-080RK-UNV	Reflector RetroFit Kit	80	82	6,400	120-277	0.69 - 0.30	<10%	0.98	5,000°
REFL-CT-100RK-UNV	Reflector RetroFit Kit	100	105	8,000	120-277	0.87 - 0.37	<10%	0.98	5,000°
REFL-CT-120RK-UNV	Reflector RetroFit Kit	120	125	9,600	120-277	1.05 - 0.45	<10%	0.98	5,000°
REFL-CT-150RK-UNV	Reflector RetroFit Kit	150	158	12,000	120-277	1.31 - 0.56	<10%	0.98	5,000°
REFL-CT-175RK-UNV	Reflector RetroFit Kit	175	183	14,000	120-277	1.53 - 0.66	<10%	0.98	5,000°
REFL-CT-200RK-UNV	Reflector RetroFit Kit	200	210	16,000	120-277	1.75 - 0.75	<10%	0.98	5,000°
REFL-CT-250RK-UNV	Reflector RetroFit Kit	250	262	20,000	120-277	2.18 - 0.94	<10%	0.98	5,000°
REFL-CT-300RK-277V	Reflector RetroFit Kit	300	315	24,000	277	1.13	<10%	0.98	5,000°

SPECIFICATIONS

- Ballast Type Electronic
- Start Method InstantON
- Hot Re-start InstantON
- Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Lamp Operating Frequency 250 kHz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- ANSI Surge Protection Class A
- Lamp / Ballast System Life 100,000 Hrs.
- Lumen Maintenance @75,000Hrs > 70%
- Color Temperature 5000°K
- Color Rendering Index (CRI) 83
- Minimum Starting Temperature -20°F
- Maximum Starting Temperature 160°F
- Lumens per Watt 80
- Shock / Vibration Resistant Yes
- Power Factor > 0.98
- Total Harmonic Distortion < 10%
- Inrush Current Peak < 10 Amp
- ETL Listed / UL Standard 1598 Yes
- FCC Compliance Part 18, Subp. C
- Warranty 5 Year

INSTALLATION

Remove all existing components



Drop in Neptun Retrofit kit



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Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.
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