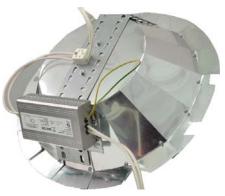


INDUCTION CERTIFIED CUSTOM RETROFIT KITS







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







lightinnovations@work™



INDUCTION CERTIFIED CUSTOM RETROFIT KITS

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	
	Hot Re-start	InstantON
•	Input Line Voltage	120-277 VAC
	Input Line Frequency	
	Lamp Operating Frequency	250 kHz
٠	Ballast Off-State Draw	0 Watts
	Sound Rating	Class A
	ANSI Surge Protection	
	Lamp / Ballast System Life	
	Lumen Maintenance @75,000Hrs	
	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	
Power Factor	> 0.98
Total Harmonic Distortion	
Inrush Current Peak	< 10 Amp
ETL Listed / UL Standard 1598	Yes
FCC Compliance	Part 18, Subp. 0
Warranty	

INSTALLATION

Remove all existing components







Neptun Light, Inc. 13950 Business Center Drive Lake Forest, IL 60045 Fax: 847.735.8004

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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