



Sample Number: LED-CRK-240-RK-480V-850-JS-T3-SP-PRM4  
 Custom options and accessories available. Please consult factory  
 Fixtures must be sent to factory for custom design, fitting and testing.

Source	Series	Wattage	Voltage	Options	Color Temp	Optics
LED = LED	CRK = Circle Retrofit Kit * LED's & Driver included ** Kit model # will be given once custom kit is designed for the fixture to be retrofitted.	0240=240W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC	0-10VDIM = 0-10V Dimming BL-DIM = Bi-Level Dimming* * Includes Motion Sensor	830 = 3000°K 841 = 4100°K	T3 = Type 3 T5 = Type 5

### GENERAL DESCRIPTION

Neptun's custom LED retrofit kits are designed to replace existing HID or HPS systems in a variety of fixture applications. The LED-CRK series system features excellent optics for increased visibility and security with convex lens to evenly illuminate the application area. The custom design allows for a simple installation with excellent results. It can replace existing HID & HPS systems up to 1,000 Watts.

### APPLICATION

- Canopy Fixtures
- Shoebox/Parking Lot Fixtures
- Flood Fixtures
- Post Top Fixtures

### STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum frame.
- Custom designed to ensure easy installation and long life.
- LED engine design with Advanced Thermal Management.
- Continuous silicone gasket surrounds lens for weather-tight seal.
- High Output COB LED's with borosilicate glass lens optics.
- High power factor, low THD driver with 6kV/3kA surge protection.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Up to 20 year maintenance-free operation.
- 5 Year Limited Warranty
- **Optional:** Bi-Level Dimming, 0-10V Dimming, Remote Monitoring and ON/OFF Control

Product Modifications

Approvals

Date



### PRODUCT INFORMATION

Model No.	Description	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277V	THD	Power Factor	Weight
LED-CRK-240-UNV	LED Circle Retrofit Kit	240	33,600	120-277	1.74 - 0.75	<15%	>0.95	20 lbs

### SPECIFICATIONS

- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Driver Off-State Draw ..... 0 Watts
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Projected (L70) @ 25°C ..... > 100,000 hrs.
- Color Temperature ..... Multiple ( $\pm$  300°K)
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -40°C
- Maximum Starting Temperature ..... +50°C
- Lumens per Watt ..... > 150
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.95
- Total Harmonic Distortion ..... < 15%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Optics IP Rating ..... IP68
- Driver IP Rating ..... IP67
- Warranty ..... 5 Year Limited

### RECOMMENDED APPLICATION FIXTURES



- \* Suitable for various fixture styles
- \* Unit must be sent to Neptun Light Factory for custom design and testing.

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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