



**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING



Incredible **100,000 hrs**

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-RK 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 750 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.
- Bright white light (5000°K) for greater visibility and safety.
- Up to 15 year maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** Bi-Level Dimming, 0-10V Dimming, Remote Monitoring and ON/ OFF Control

ORDERING INFORMATION

Sample Number: LED-CRK-100-UNV-0-10VDIM-850-T5
 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.	040 = 40 W 060 = 60 W 080 = 80 W 100 = 100 W 120 = 120 W 150 = 150 W 180 = 180 W 200 = 200 W 260 = 260 W 320 = 320 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC	0-10VDIM = 0-10V Dimming BL-DIM = Bi-Level Dimming* * Includes Motion Sensor ** Contact Factory for dimming options	830 = 3000°K 841 = 4100°K 850 = 5000°K* * Standard	T3 = Type 3 T5 = Type 5



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PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277V	THD	Power Factor	Weight
LED-CRK-040-UNV	LED Circle Retrofit Kit	40	42	4,800	120-277	0.34 - 0.15	<20%	>0.90	12 lbs
LED-CRK-060-UNV	LED Circle Retrofit Kit	60	62	7,200	120-277	0.52 - 0.22	<20%	>0.90	12 lbs
LED-CRK-080-UNV	LED Circle Retrofit Kit	80	82	9,600	120-277	0.69 - 0.30	<20%	>0.90	12 lbs
LED-CRK-100-UNV	LED Circle Retrofit Kit	100	102	12,000	120-277	0.87 - 0.37	<20%	>0.90	12 lbs
LED-CRK-120-UNV	LED Circle Retrofit Kit	120	122	14,400	120-277	1.05 - 0.45	<20%	>0.90	12 lbs
LED-CRK-150-UNV	LED Circle Retrofit Kit	150	152	18,000	120-277	1.31 - 0.56	<20%	>0.90	12 lbs
LED-CRK-180-UNV	LED Circle Retrofit Kit	180	182	21,600	120-277	1.57 - 0.68	<20%	>0.90	20 lbs
LED-CRK-200-UNV	LED Circle Retrofit Kit	200	202	24,000	120-277	1.74 - 0.75	<20%	>0.90	20 lbs
LED-CRK-260-UNV	LED Circle Retrofit Kit	260	262	31,200	120-277	2.27 - 0.98	<20%	>0.90	20 lbs
LED-CRK-320-UNV	LED Circle Retrofit Kit	320	322	38,400	120-277	2.79 - 1.21	<20%	>0.90	20 lbs

SPECIFICATIONS

- Driver Constant Current
- Start Method InstantON
- Hot Re-start InstantON
- Power Supply 350mA
- 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 5,000°K
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -40°C
- Maximum Starting Temperature +50°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- Inrush Current Peak < 10 Amp
- FCC Compliance Part 15, Subp. C
- Optics IP Rating IP68
- Driver IP Rating IP67
- Warranty 5 Year

RECOMMENDED APPLICATION FIXTURES



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

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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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