

Source	Series	Wattage	Voltage	Options	Color Temp	Optics
LED = LED	RRK = Rectangle Retrofit Kit * LED's & Driver included	200 = 200 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC	0-10VDIM = 0-10V Dimming SP = Surge Protector	840 = 4000°K AMB = Amber (585-595 nanometers)	T2 = Type 2 T3 = Type 3 T5 = Type 5

Sample Number: LED-RRK-200-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.



**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING



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 400 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 Warranty on complete fixture. (LED's, Driver, & Plate)

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-RRK-200-UNV	LED Rectangle Retrofit Kit	202	28,886	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 (± 300°K)
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -40°C
- Maximum Starting Temperature +50°C
- Lumens per Watt > 140
- 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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