

Product Dimensions (Lamp & Stem)

Wattage	A (E26)	A (E40)	B (Diameter)
40W	7.50 in.	8.25 in.	7.00 in.
80W	8.00 in.	8.75 in.	10.00 in.
100W	8.00 in.	8.75 in.	10.00 in.
120W	8.00 in.	8.75 in.	10.00 in.
150W	8.25 in.	9.00 in.	13.00 in.
200W	8.50 in.	9.25 in.	14.50 in.
250W	8.75 in.	9.50 in.	15.00 in.
300W	9.00 in.	9.75 in.	17.25 in.

Incredible **100,000 hrs**

### GENERAL DESCRIPTION

Neptun's Induction Circline Stem Retrofit Kits are designed for replacing existing indoor and outdoor HID lighting fixtures. The 71 series kit is offered in a variety of wattages and the universal mounting position makes it an excellent choice for a variety of applications. It can replace existing HID & HPS fixtures up to 400W.

### APPLICATION

- Parking Garage Fixtures
- Gas Station Fixtures
- Canopy Fixtures
- Decorative Acorn Fixtures
- Shoebox Fixtures
- High/Low-Bay Fixtures

### STRUCTURE, MATERIALS, & FEATURES

- Cast aluminum support bracket with stainless steel hardware.
- Custom designed aluminum stem.
- Supplied with medium (E26) or mogul base (E40).
- Teflon coated wiring protected from moisture, dust, heat, & cold.
- Inductively coupled circular 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: 71040RK-UNV-850-E26  
Custom options and accessories available. Please consult factory

Series	Lamp Wattage	System	Voltage	Color Temp	Base
71 = Circline - 5.5" Stem	040 = 40 W 080 = 80 W 100 = 100 W 120 = 120 W 150 = 150 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 Lamp only ** Uses Separate Step-Down Transformer	830 = 3000°K 841 = 4100°K 850 = 5000°K * * Standard	E26 = Medium Base E40 = Mogal Base



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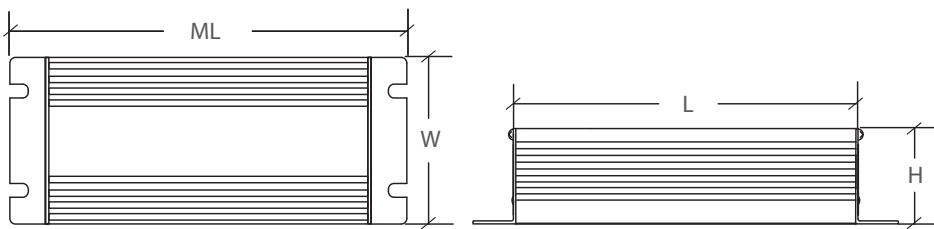
### PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
71040RK-UNV	Circline RetroFit Kit	40	41	3,200	120-277	0.35-0.15	<10%	0.98	3 lbs
71080RK-UNV	Circline RetroFit Kit	80	82	6,400	120-277	0.69-0.30	<10%	0.98	4 lbs
71100RK-UNV	Circline RetroFit Kit	100	105	8,000	120-277	0.87-0.37	<10%	0.98	4 lbs
71120RK-UNV	Circline RetroFit Kit	120	125	9,600	120-277	1.05-0.45	<10%	0.98	5 lbs
71150RK-UNV	Circline RetroFit Kit	150	158	12,000	120-277	1.31-0.56	<10%	0.98	5 lbs
71200RK-UNV	Circline RetroFit Kit	200	210	16,000	120-277	1.75-0.75	<10%	0.98	6 lbs
71250RK-UNV	Circline RetroFit Kit	250	262	20,000	120-277	2.18-0.94	<10%	0.98	6 lbs
71300RK-277V	Circline RetroFit Kit	300	325	24,000	277	1.13	<10%	0.98	6 lbs

### 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

### BALLAST DIMENSIONS



Wattage	M.L.	W	L	H
40W	6.00 in.	3.00 in.	5.25 in.	1.75 in.
80W	6.00 in.	3.00 in.	5.25 in.	1.75 in.
100W	7.75 in.	3.00 in.	7.00 in.	1.75 in.
120W	7.50 in.	4.50 in.	6.25 in.	2.00 in.
150W	7.50 in.	4.50 in.	6.25 in.	2.00 in.
200W	7.50 in.	4.50 in.	6.25 in.	2.00 in.
250W	7.50 in.	4.50 in.	6.25 in.	2.00 in.
300W	7.50 in.	4.50 in.	6.25 in.	2.00 in.

### RECOMMENDED APPLICATION FIXTURES



\* Contact Factory for Application Verification.

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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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