

**PRODUCT DATA SHEETS**

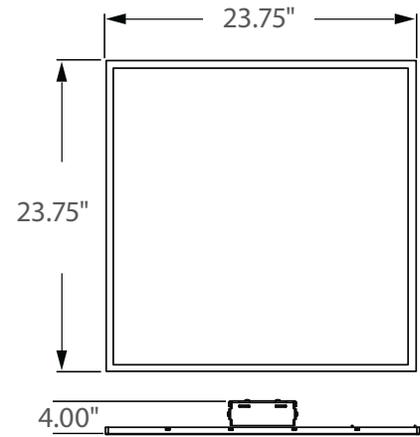
LED Retrofit Products

EDGE  
LIT



Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at [www.designlights.org/qpl](http://www.designlights.org/qpl)

\*\* AVAILABLE \*\*



Incredible **75,000** hrs

### GENERAL DESCRIPTION

Neptun's high performance Edge Lit LED 2 x 2 drop in panels combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The 51 series panels are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The edge lit design produces an evenly illuminated glow. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. Easily installs into most commonly used T-Bar grids.

### APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Heat sink white aluminum frame for excellent heat dissipation.
- Aluminum backing for excellent thermal management.
- Polyester powder coated frame with white finish.
- Slim, state of the art, low profile design.
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- 50 PCS High Output LED's.
- High power factor, low THD driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** Analog/Triac Dimming, 0-10V Dimming, Remote Monitoring, Emergency Battery Backup

### ORDERING INFORMATION

Sample Number: LED-51030-UNV-0-10VDIM-841  
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Driver System	Options	Color Temp.
LED = LED	51 = 2 x 2 panel	030 = 30 W 036 = 36 W 045 = 45 W 050 = 50 W	UNV = 120-277 VAC UNV-0-10VDIM = 0-10V Dimming 120V-ADIM = 120V Analog/Triac Dimming	EM-BB = Emergency Battery Backup	835 = 3500°K 841 = 4100°K 850 = 5000°K



lightinnovations@work™

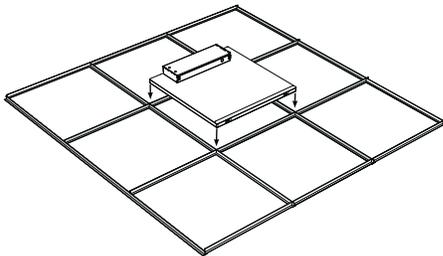
## PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-51030-UNV	2x2 Ceiling Panel	30	31	2,850	120-277	0.26 - 0.11	<20%	>0.90	11 lbs
LED-51036-UNV	2x2 Ceiling Panel	36	37	3,420	120-277	0.31 - 0.13	<20%	>0.90	11 lbs
LED-51045-UNV	2x2 Ceiling Panel	45	46	4,275	120-277	0.39 - 0.17	<20%	>0.90	11 lbs
LED-51050-UNV	2x2 Ceiling Panel	50	51	4,750	120-277	0.43 - 0.18	<20%	>0.90	11 lbs

## SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 25°C ..... > 75,000 hrs.
- Color Temperature ..... 3,500°K, 4,100°K, 5,000°K
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -10°C
- Maximum Starting Temperature ..... 40°C
- Lumens per Watt ..... > 95
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- IP Rating ..... IP43
- Warranty ..... 5 Year

## MOUNTING OPTIONS



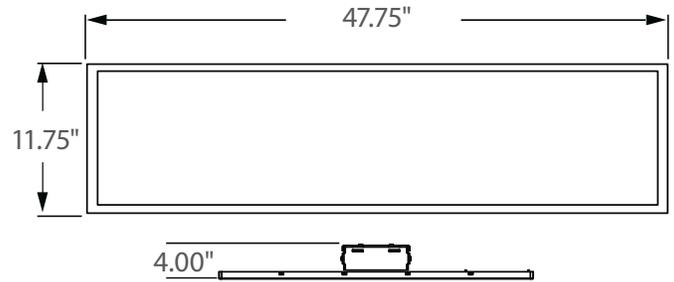
### T-BAR GRID SYSTEM

- Easy drop in installation in to standard 2x2 t-bar grid system.
- Power cord whip provided.

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.  
©2002-2013 Neptun Light, Inc. All rights reserved. Spec. Rev. 1-2015

## EDGE LIT



**\*\* AVAILABLE \*\***



## Incredible 75,000 hrs

### GENERAL DESCRIPTION

Neptun's high performance Edge Lit LED 1 x 4 drop in panels combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The 54 series panels are offered in a variety of color temperatures for flexibility in all types of applications. The edge lit design produces an evenly illuminated glow. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. Easily installs into most commonly used T-Bar grids.

### APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Heat sink white aluminum frame for excellent heat dissipation.
- Aluminum backing for excellent thermal management.
- Polyester powder coated frame with white finish.
- Slim, state of the art, low profile design.
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- 50 PCS High Output LED's.
- High power factor, low THD driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** Analog/Triac Dimming, 0-10V Dimming, Remote Monitoring, Emergency Battery Backup

### ORDERING INFORMATION

Sample Number: LED-54036-UNV-0-10VDIM-841  
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Driver System	Options	Color Temp.
LED = LED	54 = 1 x 4 panel	036 = 36 W 045 = 45 W 050 = 50 W	UNV = 120-277 VAC UNV-0-10VDIM = 0-10V Dimming 120V-ADIM = 120V Analog/Triac Dimming	EM-BB = Emergency Battery Backup	835 = 3500°K 841 = 4100°K 850 = 5000°K



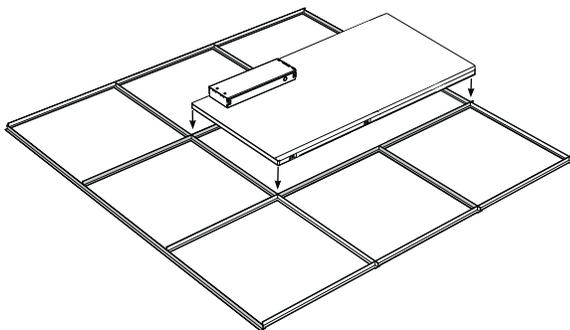
### PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-54036-UNV	1x4 Ceiling Panel	36	37	3,420	120-277	0.31 - 0.13	<20%	>0.90	11 lbs
LED-54045-UNV	1x4 Ceiling Panel	45	46	4,275	120-277	0.39 - 0.17	<20%	>0.90	11 lbs
LED-54050-UNV	1x4 Ceiling Panel	50	51	4,750	120-277	0.43 - 0.18	<20%	>0.90	11 lbs

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 25°C ..... > 75,000 hrs.
- Color Temperature ..... 3,500°K, 4,100°K, 5,000°K
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -10°C
- Maximum Starting Temperature ..... 40°C
- Lumens per Watt ..... > 95
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- IP Rating ..... IP43
- Warranty ..... 5 Year

### MOUNTING OPTIONS



#### T-BAR GRID SYSTEM

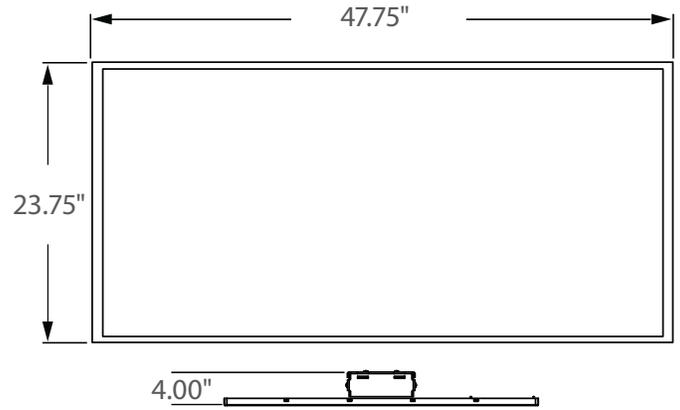
- Easy drop in installation in to standard 1x4 t-bar grid system.
- Power cord whip provided.

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.  
 ©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 1-2015

## EDGE LIT



Incredible **75,000 hrs**

**\*\* AVAILABLE \*\***

Analog  
0% — 100%  
Triac Dimming

**0 - 10V**  
FULL DIMMING

### GENERAL DESCRIPTION

Neptun's high performance Edge Lit LED 2 x 4 drop in panels combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The 52 series panels are offered in a variety of color temperatures for flexibility in all types of applications. The edge lit design produces an evenly illuminated glow. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. Easily installs into most commonly used T-Bar grids.

### APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Heat sink white aluminum frame for excellent heat dissipation.
- Aluminum backing for excellent thermal management.
- Polyester powder coated frame with white finish.
- Slim, state of the art, low profile design.
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- 50 PCS High Output LED's.
- High power factor, low THD driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** Analog/Triac Dimming, 0-10V Dimming, Remote Monitoring

### ORDERING INFORMATION

Sample Number: LED-52060-UNV-0-10VDIM-841  
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Driver System	Color Temp.
LED = LED	52 = 2 x 4 panel	060 = 60 W 072 = 72 W	UNV = 120-277 VAC UNV-0-10VDIM = 0-10V Dimming 120V-ADIM = 120V Analog/Triac Dimming	830 = 3000°K 841 = 4100°K 850 = 5000°K



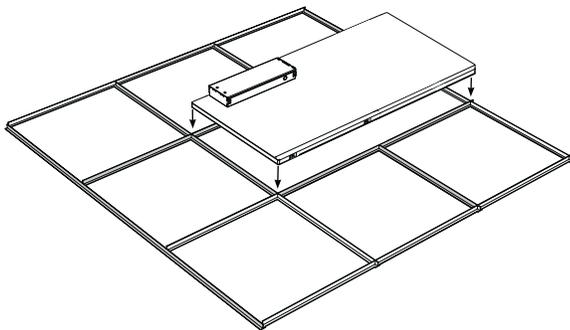
## PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-52060-UNV	2x4 Ceiling Panel	60	61	5,700	120-277	0.52 - 0.22	<20%	>0.90	15 lbs
LED-52072-UNV	2x4 Ceiling Panel	72	73	6,600	120-277	0.63 - 0.27	<20%	>0.90	15 lbs

## SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 25°C ..... > 75,000 hrs.
- Color Temperature ..... 3,500°K, 4,100°K, 5,000°K
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -10°C
- Maximum Starting Temperature ..... 40°C
- Lumens per Watt ..... > 95
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- IP Rating ..... IP43
- Warranty ..... 5 Year

## MOUNTING OPTIONS



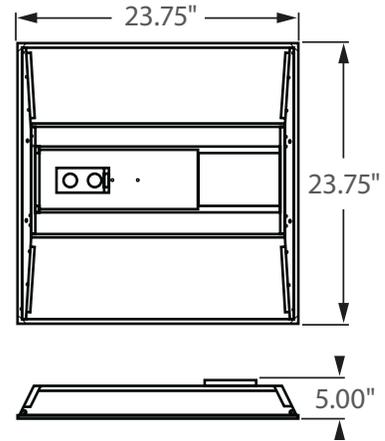
### T-BAR GRID SYSTEM

- Easy drop in installation in to standard 2x4 t-bar grid system.
- Power cord whip provided.

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.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 1-2015



**\*\* AVAILABLE \*\***

Analog  
0% — 100%  
Triac Dimming

**0 - 10V**  
FULL DIMMING

Incredible **75,000 hrs**

### GENERAL DESCRIPTION

Neptun's high performance 2 x 2 drop in troffers combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The TR22 series panels are offered in a variety of color temperatures for flexibility in all types of applications. Its compact, lightweight design easily accommodates recessed or suspended installations. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. Its 0-10V dimming system allows for 100%-0% light output for increased energy savings. Easily installs into most commonly used T-Bar grids.

### APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Heat sink aluminum frame for excellent heat dissipation.
- Aluminum backing for excellent thermal management.
- Polyester powder coated frame with white finish.
- Diffused polycarbonate reflector for even glow.
- Slim, state of the art, low profile design.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- High Output LED's.
- High power factor, low THD driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** Analog/Triac Dimming, 0-10V Dimming, Remote Monitoring, Emergency Battery Backup

### ORDERING INFORMATION

Sample Number: LED-TR22-025-UNV-0-10VDIM-841  
Custom options and accessories available. Please consult factory

Series	Wattage	Driver	Accessories	Color Temp.
LED-TR22 = 2 x 2 Troffer	025 = 25 W	UNV = 120-277 VAC UNV-0-10VDIM = 120-277 VAC w/ 0-10V Dimming Driver 120V-ADIM = 120VAC Analog/Triac Dimming Driver * Contact Factory for Dimming Options	EM-BB = Emergency Backup	830 = 3000°K 841 = 4100°K* 850 = 5000°K * Standard



### PRODUCT INFORMATION

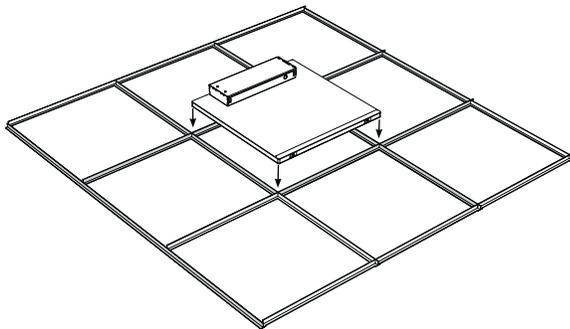
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Beam Angle
LED-TR22-025-UNV	LED 2x2 Troffer	25	26	2,250	120-277	0.19 - 0.08	<20%	>0.90	105°

\* Fixture Weight = 9 lbs.

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 25°C ..... > 75,000 hrs.
- Color Temperature ..... 3,000°K, 4,100°K, 5,000°K
- Color Rendering Index (CRI) ..... > 80
- Beam Angle ..... 105°
- Minimum Starting Temperature ..... -10°C
- Maximum Starting Temperature ..... 40°C
- Lumens per Watt ..... > 90
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### MOUNTING OPTIONS

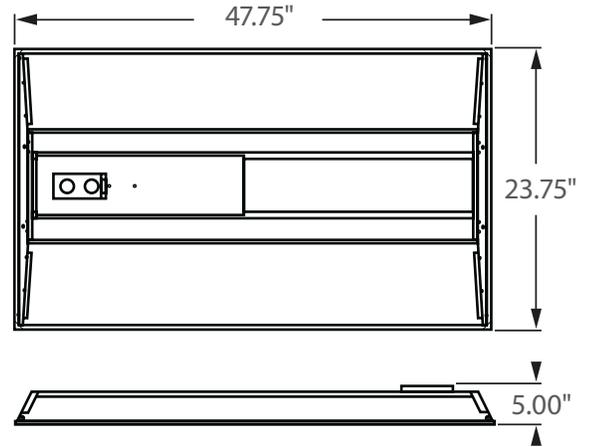


#### T-BAR GRID SYSTEM

- Easy drop in installation in to standard 2x2 t-bar grid system.
- Power cord / whip provided.

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.  
 ©2002-2013 Neptun Light, Inc. All rights reserved. Spec. Rev. 1-2015



Incredible **75,000 hrs**

### GENERAL DESCRIPTION

Neptun's high performance 2 x 4 drop in troffers combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The TR24 series panels are offered in a variety of color temperatures for flexibility in all types of applications. Its compact, lightweight design easily accommodates recessed or suspended installations. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. Its 0-10V dimming system allows for 100%-0% light output for increased energy savings. Easily installs into most commonly used T-Bar grids.

### APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Heat sink aluminum frame for excellent heat dissipation.
- Aluminum backing for excellent thermal management.
- Polyester powder coated frame with white finish.
- Diffused polycarbonate reflector for even glow.
- Slim, state of the art, low profile design.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- High Output LED's.
- High power factor, low THD driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** Analog/Triac Dimming, 0-10V Dimming, Remote Monitoring, Emergency Battery Backup

### ORDERING INFORMATION

Sample Number: LED-TR24-050-UNV-0-10VDIM-841  
 Custom options and accessories available. Please consult factory

Series	Wattage	Driver	Accessories	Color Temp.
LED-TR24 = 2 x 4 Troffer	050 = 50 W	UNV = 120-277 VAC UNV-0-10VDIM = 120-277 VAC w/ 0-10V Dimming Driver 120V-ADIM = 120VAC Analog/Triac Dimming Driver * Contact Factory for Dimming Options	EM-BB = Emergency Backup	830 = 3000°K 841 = 4100°K * 850 = 5000°K * Standard



### PRODUCT INFORMATION

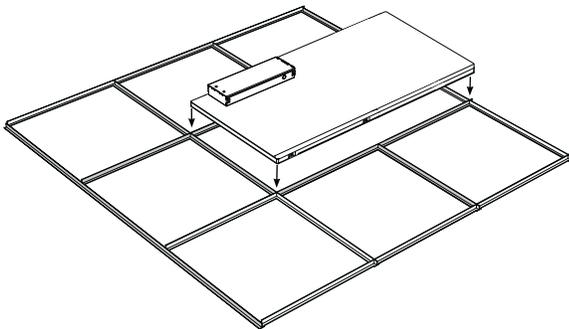
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Beam Angle
LED-TR24-050-UNV	LED 2x4 Troffer	50	51	4,500	120-277	0.43 - 0.18	<20%	>0.90	105°

\* Fixture Weight = 9 lbs.

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 25°C ..... > 75,000 hrs.
- Color Temperature ..... 3,000°K, 4,100°K, 5,000°K
- Color Rendering Index (CRI) ..... > 80
- Beam Angle ..... 105°
- Minimum Starting Temperature ..... -10°C
- Maximum Starting Temperature ..... 40°C
- Lumens per Watt ..... > 90
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### MOUNTING OPTIONS

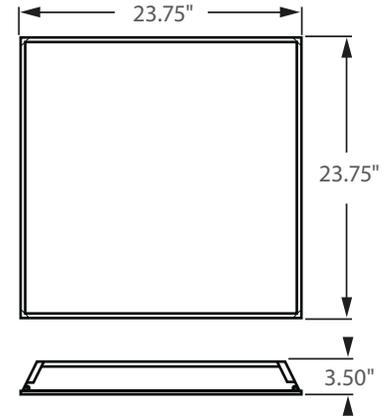


#### T-BAR GRID SYSTEM

- Easy drop in installation in to standard 2x4 t-bar grid system.
- Power cord whip provided.

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.  
 ©2002-2013 Neptun Light, Inc. All rights reserved. Spec. Rev. 1-2015



## BACK LIT DESIGN

\*\* AVAILABLE \*\*

0 - 10V  
FULL DIMMING

## Incredible 100,000 hrs

### GENERAL DESCRIPTION

Neptun's 2'x2' high output troffer fixture combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-51 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. Easily installs into most commonly used T-Bar grids. It can replace existing HID & HPS fixtures up to 250W.

### APPLICATION

- Canopy Lighting
- Retail Lighting
- Auto Showroom Lighting
- Gymnasium Lighting
- Hospital Lighting
- Auditorium Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Stamped aluminum housing with extruded heat sink.
- High Efficiency non-yellowing polycarbonate lens / refractor.
- Corrosion resistant electrocoat white finish.
- Hinged aluminum door frame.
- High Output COB LED's.
- High power factor, low THD driver.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Bright white light (5000°K) for greater visibility and safety.
- LED engine design with Advanced Thermal Management.
- Up to 15 year maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** 0-10V Dimming, Remote Monitoring, WiFi Control, and ON/ OFF Control

### ORDERING INFORMATION

Sample Number: LED-51080-UNV-0-10VDIM-850-WHT  
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp
LED-51 = 2'x2' Troffer Fixture	080 = 80 W 100 = 100 W 120 = 120 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC	0-10VDIM = 0-10V Dimming Driver * Contact Factory for dimming options.	835 = 3500°K 841 = 4100°K 850 = 5000°K



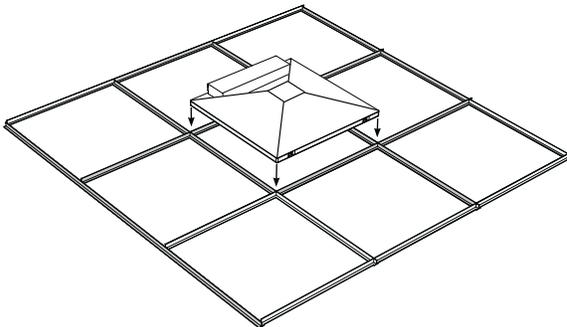
## PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-51080-UNV	2x2 Troffer Fixture	80	81	8,400	120-277	0.69 - 0.30	<20%	>0.90	20 lbs
LED-51100-UNV	2x2 Troffer Fixture	100	102	10,500	120-277	0.87 - 0.37	<20%	>0.90	20 lbs
LED-51120-UNV	2x2 Troffer Fixture	120	122	12,600	120-277	1.05 - 0.45	<20%	>0.90	20 lbs

## SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 25°C ..... > 100,000 hrs.
- Color Temperature ..... 3500°K, 4100°K, 5000°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
- IP Rating ..... IP43
- Warranty ..... 5 Year

## MOUNTING OPTIONS



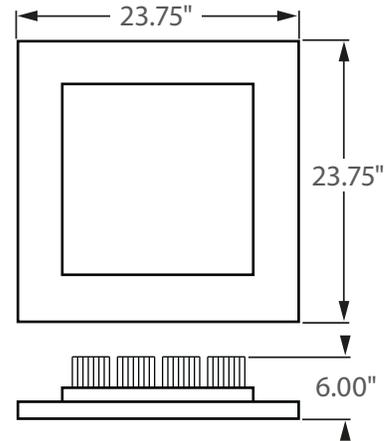
### T-BAR GRID SYSTEM

- Easy drop in installation in to standard 2x2 t-bar grid system.
- Power cord whip provided.

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.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 4-2015



\*\* AVAILABLE \*\*

0 - 10V  
FULL DIMMING

Incredible **100,000 hrs**

### GENERAL DESCRIPTION

Neptun's 2'x2' high output troffer fixture combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-51 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. Easily installs into most commonly used T-Bar grids. It can replace existing HID & HPS fixtures up to 400W.

### APPLICATION

- Canopy Lighting
- Retail Lighting
- Auto Showroom Lighting
- Gymnasium Lighting
- Hospital Lighting
- Auditorium Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Stamped aluminum housing with extruded heat sink.
- Heat and impact resistant frosted glass lens for even glow illumination.
- Corrosion resistant electrocoat white finish (custom colors available).
- High Output COB LED's.
- High power factor, low THD driver with 10kV Surge protection.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Bright white light (5000°K) for greater visibility and safety.
- LED engine design with Advanced Thermal Management.
- Up to 15 year maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** 0-10V Dimming, Remote Monitoring, WiFi Control, and ON/OFF Control

### ORDERING INFORMATION

Sample Number: LED-51150-UNV-0-10VDIM-850-WHT  
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp
LED-51 = 2'x2' Troffer Fixture	150 = 150 W 180 = 180 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC	0-10VDIM = 0-10V Dimming Driver BL-DIM = Bi-Level Dimming Driver * Contact Factory for dimming options.	835 = 3500°K 841 = 4100°K 850 = 5000°K



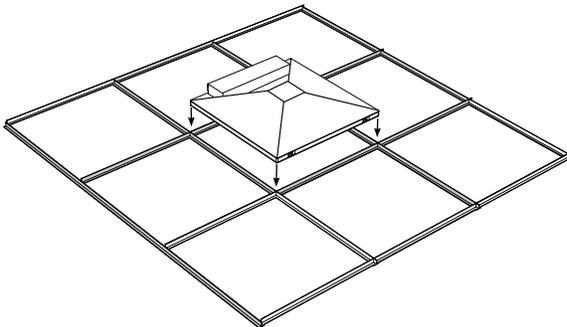
## PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-51150-UNV	2x2 Troffer Fixture	150	152	15,200	120-277	1.31 - 0.58	<20%	>0.90	30 lbs
LED-51180-UNV	2x2 Troffer Fixture	180	182	18,200	120-277	1.57 - 0.68	<20%	>0.90	30 lbs

## SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 25°C ..... > 100,000 hrs.
- Color Temperature ..... 3500°K, 4100°K, 5000°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
- IP Rating ..... IP43
- Warranty ..... 5 Year

## MOUNTING OPTIONS



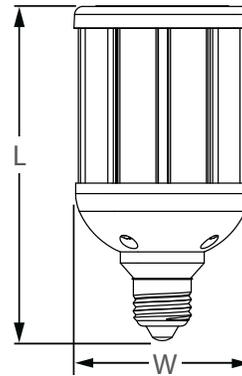
### T-BAR GRID SYSTEM

- Easy drop in installation in to standard 2x2 t-bar grid system.
- Power cord whip provided.

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.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 5-2015



Product Dimensions

Wattage	E26 (L)	E40 (L)	Width (W)
15W	6.75 in.	7.25 in.	2.75 in.
20W	7.50 in.	8.00 in.	2.75 in.
25W	8.25 in.	8.75 in.	3.75 in.
30W	8.25 in.	8.75 in.	3.75 in.
35W	9.25 in.	9.75 in.	3.75 in.
40W	9.25 in.	9.75 in.	3.75 in.
60W	10.00 in.	10.50 in.	4.25 in.

Incredible **50,000 hrs**

## GENERAL DESCRIPTION

Neptun's LED retrofit lamp is designed for use in a variety of applications to replace existing HID or HPS lamps. The LED-N148 series retrofit lamp features excellent optics for increased visibility and security with a 360° light engine to evenly illuminate area. Offered in a variety of color temperatures to closely resemble HID or HPS style bulbs. Can replace existing HID & HPS lamps up to 175 Watts.

## APPLICATION

- Decorative Post Top Fixtures
- Decorative Acorn Fixtures

## STRUCTURE, MATERIALS, & FEATURES

- Cast aluminum heat sink.
- High efficiency, heat and impact resistant, UV protected, non yellowing polycarbonate lens / refractor.
- Internally driven (self-ballasted) driver for easy installation.
- High Output LED's.
- High power factor, low THD driver.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Bright white light (5000°K) for greater visibility and safety.
- LED engine design with Advanced Thermal Management.
- Up to 15 year maintenance free operation.
- 5 Year Warranty.

## ORDERING INFORMATION

Sample Number: LED-N148015-UNV-850-E26  
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp	Base
LED = LED	N148 = Retrofit Lamp	015 = 15 W 020 = 20 W 025 = 25 W 030 = 30 W 035 = 35 W 040 = 40 W 060 = 60 W	UNV = 120-277 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K	E26 = Medium Base E40 = Mogul Base



### 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
LED-N148015-UNV	LED Retrofit Lamp	15	16	1,500	120-277	0.13 - 0.06	<20%	>0.90	0.5 lb
LED-N148020-UNV	LED Retrofit Lamp	20	21	2,000	120-277	0.14 - 0.07	<20%	>0.90	0.5 lb
LED-N148025-UNV	LED Retrofit Lamp	25	26	2,500	120-277	0.21 - 0.09	<20%	>0.90	0.75 lb
LED-N148030-UNV	LED Retrofit Lamp	30	31	3,000	120-277	0.26 - 0.11	<20%	>0.90	0.75 lb
LED-N148035-UNV	LED Retrofit Lamp	35	36	3,500	120-277	0.30 - 0.13	<20%	>0.90	1 lb
LED-N148040-UNV	LED Retrofit Lamp	40	41	4,000	120-277	0.34 - 0.15	<20%	>0.90	1 lb
LED-N148060-UNV	LED Retrofit Lamp	60	61	6,000	120-277	0.52 - 0.23	<20%	>0.90	1 lb

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 85°C ..... > 50,000 hrs.
- Color Temperature ..... 3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -40°C
- Maximum Starting Temperature ..... 50°C
- Lumens per Watt ..... > 95
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- ETL Listed / UL Standard 1993 ..... Yes
- Warranty ..... 5 Year

### RECOMMENDED APPLICATION FIXTURES



- \* Suitable for Base Down Mounting only
- \* 2" (inch) spacing between housing and lamp
- \* Contact Factory for Application Verification.

### MOUNTING OPTIONS



Base Down

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

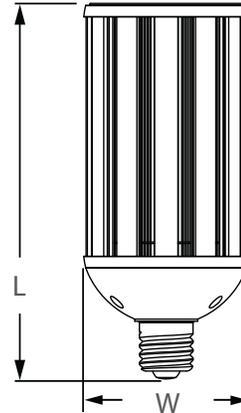
Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 3-2015



**UP TO 75%  
ENERGY SAVINGS**

**\*\* AVAILABLE \*\***  
**0 - 10V**  
**FULL DIMMING**



**Product Dimensions**

Wattage	E40 (L)	Width (W)
80W	12.50 in.	4.50 in.
100W	12.50 in.	4.50 in.
120W	12.50 in.	4.50 in.

**Incredible 50,000 hrs**

## GENERAL DESCRIPTION

Neptun's LED Acorn retrofit kit is designed for use in decorative acorn style fixtures in retrofit or new fixture applications. The LED-248-RK series retrofit lamp features excellent optics for increased visibility and security with a 360° light engine to evenly illuminate area. Offered in a variety of color temperatures to closely resemble HID or HPS style bulbs. Can replace existing HID & HPS lamps up to 250 Watts.

## APPLICATION

- Decorative Post Top Fixtures
- Decorative Acorn Fixtures

## STRUCTURE, MATERIALS, & FEATURES

- Cast aluminum heat sink.
- High efficiency, heat and impact resistant, UV protected, non yellowing polycarbonate lens / refractor.
- 720 PCS High Output LED's.
- High power factor, low THD driver.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Bright white light (5000°K) for greater visibility and safety.
- LED engine design with Advanced Thermal Management.
- Up to 15 year maintenance free operation.
- 5 Year Warranty on complete system (Bulb & Driver)
- **Optional:** 0-10V Dimming, Remote Monitoring and ON/ OFF Control.

## ORDERING INFORMATION

Sample Number: LED-248040-RK-UNV-0-10VDIM-850-E40  
Custom options and accessories available. Please consult factory

Series	Wattage	System	Voltage	Options	Color Temp	Base
LED-248 = Retrofit Lamp	080 = 80 W 100 = 100 W 120 = 120 W	RK = Retrofit Kit * Includes Lamp and Driver	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC	0-10VDIM = 0-10V Dimming * Contact Factory for Dimming options	830 = 3000°K 841 = 4100°K 850 = 5000°K	E40 = Mogul Base



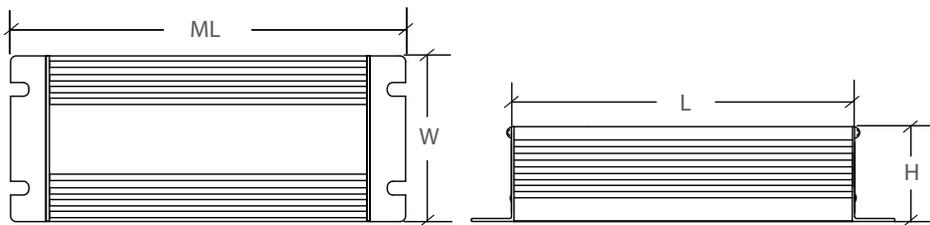
## PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-248080-RK-UNV	LED Acorn Retrofit Kit	80	82	7,200	120-277	0.69 - 0.30	<20%	>0.90	3 lbs
LED-248100-RK-UNV	LED Acorn Retrofit Kit	100	102	9,000	120-277	0.87 - 0.37	<20%	>0.90	3 lbs
LED-248120-RK-UNV	LED Acorn Retrofit Kit	120	122	10,800	120-277	1.05 - 0.45	<20%	>0.90	3 lbs

## SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 85°C ..... > 50,000 hrs.
- Color Temperature ..... 3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -40°C
- Maximum Starting Temperature ..... 50°C
- Lumens per Watt ..... > 90
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- ETL Listed / UL Standard 1598 ..... Yes
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

## DRIVER DIMENSIONS



Wattage	M.L.	W	L	H
80W - 120W	7.75 in.	2.25 in.	6.75 in.	1.50 in.

## RECOMMENDED APPLICATION FIXTURES



- \* For Base Down Applications Only.
- \* Must have at least 3" spacing between lamp and housing .
- \* Contact Factory for Application Verification.

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

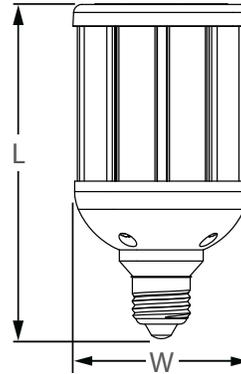
Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 1-2015



**UP TO 75%  
ENERGY SAVINGS**

**\*\* AVAILABLE \*\***  
**0 - 10V**  
**FULL DIMMING**



**Product Dimensions**

Wattage	E26 (L)	E40 (L)	Width (W)
40W	7.375 in.	7.875 in.	4.875 in.
60W	7.375 in.	7.875 in.	4.875 in.

**Incredible 50,000 hrs**

## GENERAL DESCRIPTION

Neptun's LED Acorn retrofit kit is designed for use in decorative acorn style fixtures in retrofit or new fixture applications. The LED-348-RK series retrofit lamp features excellent optics for increased visibility and security with a 360° light engine to evenly illuminate area. Offered in a variety of color temperatures to closely resemble HID or HPS style bulbs. Can replace existing HID & HPS lamps up to 175 Watts.

## APPLICATION

- Decorative Post Top Fixtures
- Decorative Acorn Fixtures

## STRUCTURE, MATERIALS, & FEATURES

- Cast aluminum heat sink.
- High efficiency, heat and impact resistant, UV protected, non yellowing polycarbonate lens / refractor.
- 504 PCS High Output LED's.
- High power factor, low THD driver with 10kV Surge Protection.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Bright white light (5000°K) for greater visibility and safety.
- LED engine design with Advanced Thermal Management.
- Up to 15 year maintenance free operation.
- 5 Year Warranty on complete system (Bulb & Driver)
- **Optional:** 0-10V Dimming, Remote Monitoring and ON/ OFF Control.

## ORDERING INFORMATION

Sample Number: LED-348040-RK-UNV-850-E40  
Custom options and accessories available. Please consult factory

Series	Wattage	System	Voltage	Options	Color Temp	Base
<b>LED-348</b> = Retrofit Lamp	<b>040</b> = 40 W <b>060</b> = 60 W	<b>RK</b> = Retrofit Kit * Includes Lamp and Driver	<b>UNV</b> = 120-277 VAC <b>347V</b> = 347 VAC <b>480V</b> = 480 VAC	<b>0-10VDIM</b> = 0-10V Dimming * Contact Factory for Dimming options	<b>830</b> = 3000°K <b>841</b> = 4100°K <b>850</b> = 5000°K	<b>E26</b> = Medium Base <b>E40</b> = Mogul Base



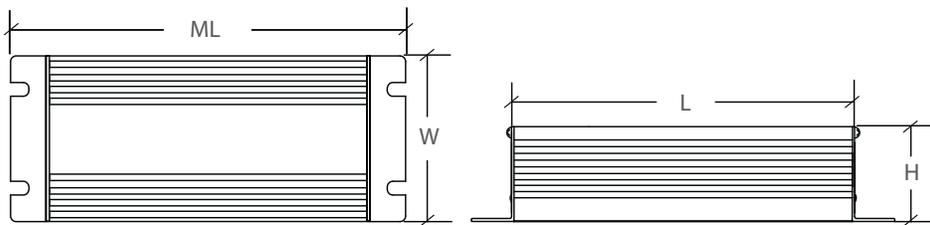
### PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-348040-RK-UNV	LED Acorn Retrofit Kit	40	41	3,600	120-277	0.34 - 0.15	<20%	>0.90	3 lbs
LED-348060-RK-UNV	LED Acorn Retrofit Kit	60	62	5,400	120-277	0.52 - 0.22	<20%	>0.90	3 lbs

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 85°C ..... > 50,000 hrs.
- Color Temperature ..... 3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -40°C
- Maximum Starting Temperature ..... 50°C
- Lumens per Watt ..... > 90
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### DRIVER DIMENSIONS



Wattage	M.L.	W	L	H
40W - 60W	5.75 in.	2.75 in.	4.75 in.	1.50 in.

### RECOMMENDED APPLICATION FIXTURES



\* For Base Down Applications.  
 \* Contact Factory for Application Verification.

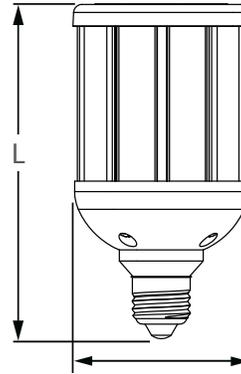
Neptun Light, Inc.  
 13950 Business Center Drive  
 Lake Forest, IL 60045  
 Fax: 847.735.8004

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.  
 ©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 4-2015



**UP TO 75%  
ENERGY SAVINGS**



#### Product Dimensions

Wattage	E26 (L)	E40 (L)	Width (W)
40W	7.375 in.	7.875 in.	4.875 in.
60W	7.375 in.	7.875 in.	4.875 in.

**Incredible 50,000 hrs**

## GENERAL DESCRIPTION

Neptun's LED retrofit lamp is designed for use in a variety of applications to replace existing HID or HPS lamps. The LED-N148 series retrofit lamp features excellent optics for increased visibility and security with a 360° light engine to evenly illuminate area. Offered in a variety of color temperatures to closely resemble HID or HPS style bulbs. Can replace existing HID & HPS lamps up to 175 Watts.

## APPLICATION

- Decorative Post Top Fixtures
- Decorative Acorn Fixtures

## STRUCTURE, MATERIALS, & FEATURES

- Cast aluminum heat sink.
- High efficiency, heat and impact resistant, UV protected, non yellowing polycarbonate lens / refractor.
- Internally driven (self-ballasted) driver for easy installation.
- High Output LED's.
- High power factor, low THD driver.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Bright white light (5000°K) for greater visibility and safety.
- LED engine design with Advanced Thermal Management.
- Up to 15 year maintenance free operation.
- 5 Year Warranty.

## ORDERING INFORMATION

Sample Number: LED-N148015-UNV-850-E26  
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp	Base
LED = LED	N148 = Retrofit Lamp	015 = 15 W 020 = 20 W 025 = 25 W 030 = 30 W 035 = 35 W 040 = 40 W 060 = 60 W	UNV = 120-277 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K	E26 = Medium Base E40 = Mogul Base



**lightinnovations@work™**

### 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
LED-348040-UNV	LED Retrofit Lamp	40	41	3,600	120-277	0.34 - 0.15	<20%	>0.90	1 lb
LED-348060-UNV	LED Retrofit Lamp	60	61	5,400	120-277	0.52 - 0.23	<20%	>0.90	1 lb

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 85°C ..... > 50,000 hrs.
- Color Temperature ..... 3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -40°C
- Maximum Starting Temperature ..... 50°C
- Lumens per Watt ..... > 90
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### RECOMMENDED APPLICATION FIXTURES



- \* For Base Down Applications Only.
- \* Must have at least 3" spacing between lamp and housing .
- \* Contact Factory for Application Verification.

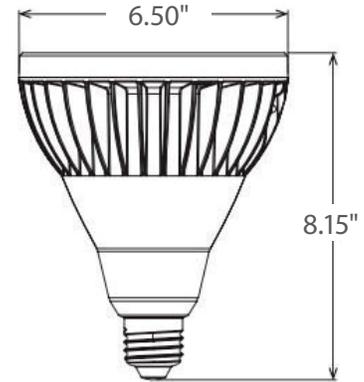
Neptun Light, Inc.  
 13950 Business Center Drive  
 Lake Forest, IL 60045  
 Fax: 847.735.8004

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.  
 ©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 4-2015



Operates on  
**120V or 277VAC**



Incredible **40,000** hrs

### GENERAL DESCRIPTION

Neptun's LED PAR55 retrofit lamps are designed for the replacement of existing HID down lighting systems. The LED-955 series lamps are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The narrow beam spread allows for great light distribution in high ceilings and hard to access applications, which greatly reduces maintenance costs. It can replace existing HID downlights up to 175W.

### APPLICATION

- High Ceiling Down Lighting
- Atrium Lighting
- Canopy Lighting
- Church Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Aluminum cast heat sink for excellent thermal management.
- Mogul (E40) base socket allows for easy installation.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- High Output COB LED's.
- Offered in 25° & 100° Beam Spread.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

### ORDERING INFORMATION

Sample Number: LED-UP95540-UNV-850-B25-E40  
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp	Beam Angle	Base
LED = LED	956 = PAR56	40 = 40 W	UNV = 120-277 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K	B25 = 25° Beam B100 = 100° Beam	E40 = Mogul Base



### PRODUCT INFORMATION

Model No.	Rated Watts	Input Watts	Color Temp.	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Base	Beam Spreads
LED-95640-UNV-830	40	41	3,000°K	3,300	120-277	0.43 - 0.18	<20%	>0.90	E40	25°/100°
LED-95640-UNV-841	40	41	4,100°K	3,400	120-277	0.43 - 0.18	<20%	>0.90	E40	25°/100°
LED-95640-UNV-850	40	41	5,000°K	3,600	120-277	0.43 - 0.18	<20%	>0.90	E40	25°/100°

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 85°C ..... > 40,000 hrs.
- Color Temperature ..... 3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI) ..... > 80
- Beam Spread ..... 25° & 100°
- Minimum Starting Temperature ..... -35°C
- Maximum Starting Temperature ..... 40°C
- Lumens per Watt ..... > 80
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### RECOMMENDED APPLICATION FIXTURES



- Existing opening must be at least 8" in diameter
- Excellent replacement for high ceiling applications



**(E26A) IOP-E40-E26-EXTENDER  
Mogul to Medium Base Adapter  
\*\* ORDER SEPERATELY**

\* NOT TO BE USED IN LENSED FIXTURE  
\* Contact Factory for Application Verification.

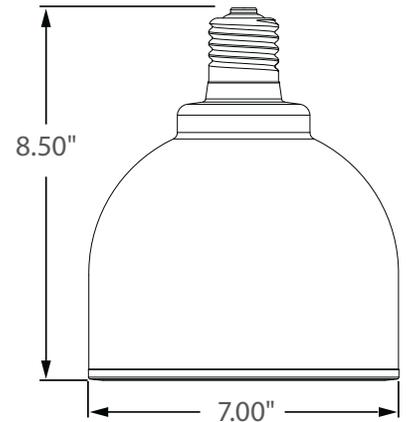
Neptun Light, Inc.  
13950 Business Center Drive  
Lake Forest, IL 60045  
Fax: 847.735.8004

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.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 10-2014



Operates on  
120V or 277VAC



Incredible **50,000** hrs

## GENERAL DESCRIPTION

Neptun's LED PAR56 retrofit lamps are designed for the replacement of existing HID down lighting systems. The LED-956 series lamps are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The narrow beam spread allows for great light distribution in high ceilings and hard to access applications, which greatly reduces maintenance costs. It can replace existing HID downlights up to 175W.

## APPLICATION

- High Ceiling Down Lighting
- Atrium Lighting
- Canopy Lighting
- Church Lighting

## STRUCTURE, MATERIALS, & FEATURES

- Aluminum cast heat sink for excellent thermal management.
- Mogul (E40) base socket allows for easy installation.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 36 PCS High Output LED's.
- 25° Beam Spread.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

## ORDERING INFORMATION

Sample Number: LED-95650-UNV-850-E40  
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp	Base
LED = LED	956 = PAR56	50 = 50 W	UNV = 120-277 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K	E40 = Mogul Base



lightinnovations@work™

### PRODUCT INFORMATION

Model No.	Rated Watts	Input Watts	Color Temp.	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Base	Beam Spread
LED-95650-UNV-830	50	51	3,000°K	3,700	120-277	0.43 - 0.18	<20%	>0.90	E40	25°
LED-95650-UNV-841	50	51	4,100°K	3,900	120-277	0.43 - 0.18	<20%	>0.90	E40	25°
LED-95650-UNV-850	50	51	5,000°K	4,100	120-277	0.43 - 0.18	<20%	>0.90	E40	25°

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 85°C ..... > 50,000 hrs.
- Color Temperature ..... 3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI) ..... > 80
- Beam Spread ..... 25°
- Minimum Starting Temperature ..... -35°C
- Maximum Starting Temperature ..... 40°C
- Lumens per Watt ..... > 80
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### RECOMMENDED APPLICATION FIXTURES



- Existing opening must be at least 8" in diameter
- Excellent replacement for high ceiling applications



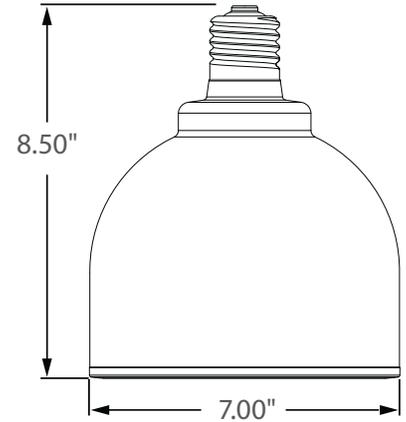
**(E26A) IOP-E40-E26-EXTENDER  
Mogul to Medium Base Adapter  
\*\* ORDER SEPERATELY**

\* NOT TO BE USED IN LENSED FIXTURE  
\* Contact Factory for Application Verification.

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.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 10-2014



Incredible **75,000** hrs

### GENERAL DESCRIPTION

Neptun's LED PAR56 retrofit lamps are designed for the replacement of existing HID down lighting systems. The LED-956 series lamps are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The narrow beam spread allows for great light distribution in high ceilings and hard to access applications, which greatly reduces maintenance costs. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings. It can replace existing HID downlights up to 175W.

### APPLICATION

- High Ceiling Down Lighting
- Atrium Lighting
- Canopy Lighting
- Church Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Aluminum cast heat sink for excellent thermal management.
- Mogul (E40) base socket allows for easy installation.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 36 PCS High Output LED's.
- 25° Beam Spread.
- Analog Dimming driver for increased energy savings.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

### ORDERING INFORMATION

Sample Number: LED-95650-120V-ADIM-850-E40  
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Driver System	Color Temp	Base
LED = LED	956 = PAR56	50 = 50 W	120V = 120 VAC	ADIM = Analog Dimming	830 = 3000°K 841 = 4100°K 850 = 5000°K	E40 = Mogul Base



### PRODUCT INFORMATION

Model No.	Rated Watts	Input Watts	Color Temp.	Initial Lumens	Line Voltage	Max Line Current @ 120V	THD	Power Factor	Base	Beam Spread
LED-95650-120V-ADIM-830	50	51	3,000°K	3,700	120 VAC	0.43 Amp	<15%	>0.90	E40	25°
LED-95650-120V-ADIM-841	50	51	4,100°K	3,900	120 VAC	0.43 Amp	<15%	>0.90	E40	25°
LED-95650-120V-ADIM-850	50	51	5,000°K	4,100	120 VAC	0.43 Amp	<15%	>0.90	E40	25°

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Dimming System ..... Analog/Triac
- Power Supply ..... 350mA
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120 VAC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 85°C ..... > 50,000 hrs.
- Color Temperature ..... 3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI) ..... > 80
- Beam Spread ..... 25°
- Minimum Starting Temperature ..... -35°C
- Maximum Starting Temperature ..... 40°C
- Lumens per Watt ..... > 80
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 15%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### RECOMMENDED APPLICATION FIXTURES



- Existing opening must be at least 8" in diameter
- Excellent replacement for high ceiling applications



**(E26A) IOP-E40-E26-EXTENDER  
Mogul to Medium Base Adapter  
\*\* ORDER SEPERATELY**

\* NOT TO BE USED IN LENSED FIXTURE  
\* Contact Factory for Application Verification.

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.  
©2002-2013 Neptun Light, Inc. All rights reserved.

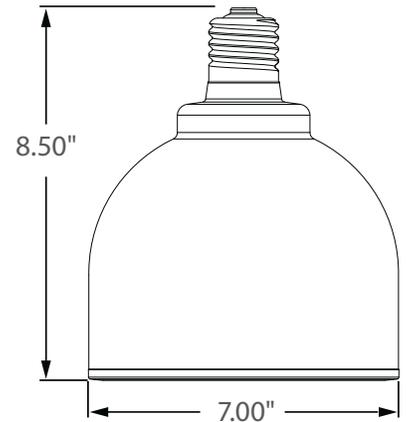
Spec. Rev. 10-2014



Operates on  
120V or 277VAC

\*\* AVAILABLE \*\*

Bi-Level 100% Dimming 50%  
0 - 10V FULL DIMMING



Incredible 75,000 hrs

## GENERAL DESCRIPTION

Neptun's LED PAR56 retrofit kits are designed for the replacement of existing HID down lighting systems. The LED-956 series lamps are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The narrow beam spread allows for great light distribution in high ceilings and hard to access applications, which greatly reduces maintenance costs. It can replace existing HID downlights up to 175W.

## APPLICATION

- High Ceiling Down Lighting
- Atrium Lighting
- Canopy Lighting
- Church Lighting

## STRUCTURE, MATERIALS, & FEATURES

- Aluminum cast heat sink for excellent thermal management.
- Mogul (E40) base socket allows for easy installation.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 36 PCS High Output LED's.
- 25° Beam Spread.
- High power factor, low THD remote driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.
- **Optional:** Bi-Level Dimming, 0-10V Dimming, Remote Monitoring and ON/OFF Control

## ORDERING INFORMATION

Sample Number: LED-95650-RK-UNV-0-10VDIM-850-E40  
Custom options and accessories available. Please consult factory

Series	Wattage	System	Voltage	Options	Color Temp	Base
LED-956 = PAR56	50 = 50 W	RK = Retrofit Kit * Includes Lamp and Driver	UNV = 120-277 VAC	0-10VDIM = 0-10V Dimming BL-DIM = Bi-Level Dimming * Contact Factor for Dimming Options	830 = 3000°K 841 = 4100°K 850 = 5000°K	E40 = Mogul Base



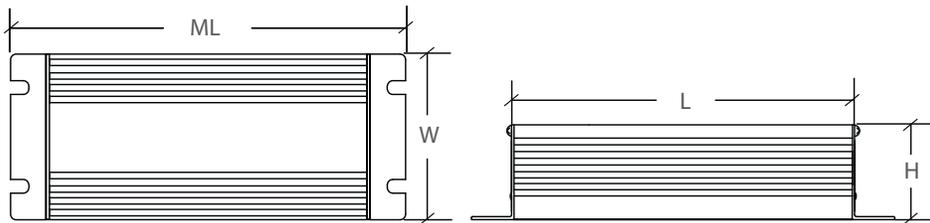
### PRODUCT INFORMATION

Model No.	Rated Watts	Input Watts	Color Temp.	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Base	Beam Spread
LED-95650RK-UNV-830	50	51	3,000°K	3,700	120-277	0.43 - 0.18	<20%	>0.90	E40	25°
LED-95650RK-UNV-841	50	51	4,100°K	3,900	120-277	0.43 - 0.18	<20%	>0.90	E40	25°
LED-95650RK-UNV-850	50	51	5,000°K	4,100	120-277	0.43 - 0.18	<20%	>0.90	E40	25°

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 85°C ..... > 50,000 hrs.
- Color Temperature ..... 3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI) ..... > 80
- Beam Spread ..... 25°
- Minimum Starting Temperature ..... -35°C
- Maximum Starting Temperature ..... 40°C
- Lumens per Watt ..... > 80
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### DRIVER DIMENSIONS



Wattage	M.L.	W	L	H
50W	5.75 in.	2.75 in.	4.75 in.	1.50 in.

### RECOMMENDED APPLICATION FIXTURES



- Existing opening must be at least 8" in diameter
- Excellent replacement for high ceiling applications



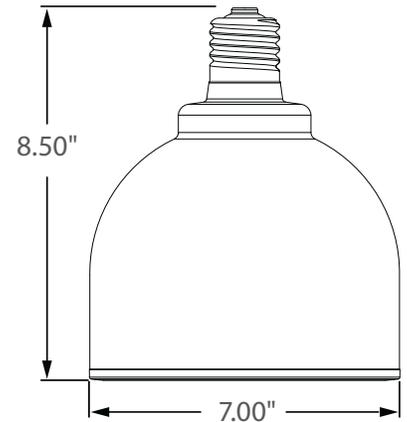
**(E26A) IOP-E40-E26-EXTENDER**  
**Mogul to Medium Base Adapter**  
**\*\* ORDER SEPERATELY**

\* NOT TO BE USED IN LENSED FIXTURE  
 \* Contact Factory for Application Verification.

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.  
 ©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 12-2014



Incredible **75,000** hrs

### GENERAL DESCRIPTION

Neptun's LED PAR56 retrofit kits are designed for the replacement of existing HID down lighting systems. The LED-956 series lamps are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The narrow beam spread allows for great light distribution in high ceilings and hard to access applications, which greatly reduces maintenance costs. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings. It can replace existing HID downlights up to 175W.

### APPLICATION

- High Ceiling Down Lighting
- Atrium Lighting
- Canopy Lighting
- Church Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Aluminum cast heat sink for excellent thermal management.
- Mogul (E40) base socket allows for easy installation.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 36 PCS High Output LED's.
- 25° Beam Spread.
- Analog Dimming driver for increased energy savings.
- High power factor, low THD remote driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

### ORDERING INFORMATION

Sample Number: LED-95650-RK-120V-ADIM-850-E40  
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	System	Voltage	Driver System	CCT	Base
LED = LED	956 = PAR56	50 = 50 W	RK = Retrofit Kit * Includes Lamp and Driver	120V = 120 VAC	ADIM = Analog Dimming	830 = 3000°K 841 = 4100°K 850 = 5000°K	E40 = Mogul Base



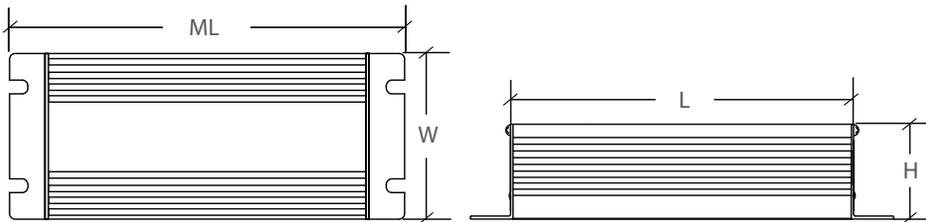
### PRODUCT INFORMATION

Model No.	Rated Watts	Input Watts	Color Temp.	Initial Lumens	Line Voltage	Max Line Current @ 120V	THD	Power Factor	Base	Beam Spread
LED-95650RK-120V-ADIM-830	50	51	3,000°K	3,700	120 VAC	0.43 Amp	<20%	>0.90	E40	25°
LED-95650RK-120V-ADIM-841	50	51	4,100°K	3,900	120 VAC	0.43 Amp	<20%	>0.90	E40	25°
LED-95650RK-120V-ADIM-850	50	51	5,000°K	4,100	120 VAC	0.43 Amp	<20%	>0.90	E40	25°

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Dimming System ..... Analog/Triac
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120 VAC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 85°C ..... > 50,000 hrs.
- Color Temperature ..... 3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI) ..... > 80
- Beam Spread ..... 25°
- Minimum Starting Temperature ..... -35°C
- Maximum Starting Temperature ..... 40°C
- Lumens per Watt ..... > 80
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### DRIVER DIMENSIONS



Wattage	M.L.	W	L	H
50W	5.75 in.	2.75 in.	4.75 in.	1.50 in.

### RECOMMENDED APPLICATION FIXTURES



- Existing opening must be at least 8" in diameter
- Excellent replacement for high ceiling applications



**(E26A) IOP-E40-E26-EXTENDER  
Mogul to Medium Base Adapter  
\*\* ORDER SEPERATELY**

\* NOT TO BE USED IN LENSED FIXTURE  
\* Contact Factory for Application Verification.

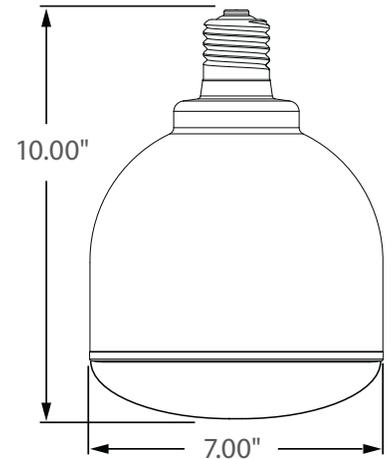
Neptun Light, Inc.  
13950 Business Center Drive  
Lake Forest, IL 60045  
Fax: 847.735.8004

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.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 10-2014



Operates on  
120V or 277VAC



Incredible **75,000** hrs

### GENERAL DESCRIPTION

Neptun's LED R56 retrofit lamps are designed for the replacement of existing HID down lighting systems. The LED-956 series lamps are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The round diffused lens allows for great light distribution in high ceilings and hard to access applications, which greatly reduces maintenance costs. It can replace existing HID downlights up to 175W.

### APPLICATION

- High Ceiling Down Lighting
- Atrium Lighting
- Canopy Lighting
- Church Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Aluminum cast heat sink for excellent thermal management.
- Mogul (E40) base socket allows for easy installation.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 36 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

### ORDERING INFORMATION

Sample Number: LED-35650-UNV-850-E40  
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp	Base
LED = LED	356 = PAR56	50 = 50 W	UNV = 120-277 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K	E40 = Mogul Base



lightinnovations@work™

### PRODUCT INFORMATION

Model No.	Rated Watts	Input Watts	Color Temp.	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Base	Beam Spread
LED-35650-UNV-830	50	51	3,000°K	3,700	120-277	0.43 - 0.18	<20%	>0.90	E40	120°
LED-35650-UNV-841	50	51	4,100°K	3,900	120-277	0.43 - 0.18	<20%	>0.90	E40	120°
LED-35650-UNV-850	50	51	5,000°K	4,100	120-277	0.43 - 0.18	<20%	>0.90	E40	120°

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 85°C ..... > 50,000 hrs.
- Color Temperature ..... 3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI) ..... > 80
- Beam Spread ..... 120°
- Minimum Starting Temperature ..... -35°C
- Maximum Starting Temperature ..... 40°C
- Lumens per Watt ..... > 80
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### RECOMMENDED APPLICATION FIXTURES



- Existing opening must be at least 8" in diameter
- Excellent replacement for high ceiling applications

\* Contact Factory for Application Verification.

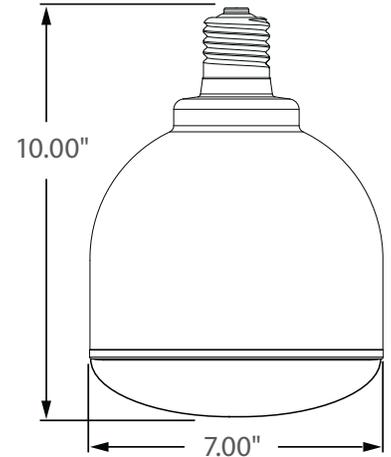


**(E26A) IOP-E40-E26-EXTENDER  
Mogul to Medium Base Adapter  
\*\* ORDER SEPERATELY**

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.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 10-2014



Incredible **75,000** hrs

### GENERAL DESCRIPTION

Neptun's LED R56 retrofit lamps are designed for the replacement of existing HID down lighting systems. The LED-356 series lamps are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The round diffused lens allows for great light distribution in high ceilings and hard to access applications, which greatly reduces maintenance costs. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings. It can replace existing HID downlights up to 175W.

### APPLICATION

- High Ceiling Down Lighting
- Atrium Lighting
- Canopy Lighting
- Church Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Aluminum cast heat sink for excellent thermal management.
- Mogul (E40) base socket allows for easy installation.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 36 PCS High Output LED's.
- Analog Dimming driver for increased energy savings.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

### ORDERING INFORMATION

Sample Number: LED-35650-120V-ADIM-850-E40  
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Driver System	Color Temp	Base
LED = LED	356 = R56	50 = 50 W	120V = 120 VAC	ADIM = Analog Dimming	830 = 3000°K 841 = 4100°K 850 = 5000°K	E40 = Mogul Base



### PRODUCT INFORMATION

Model No.	Rated Watts	Input Watts	Color Temp.	Initial Lumens	Line Voltage	Max Line Current @ 120V	THD	Power Factor	Base	Beam Spread
LED-35650-120V-ADIM-830	50	51	3,000°K	3,700	120 VAC	0.43 Amp	<15%	>0.90	E40	120°
LED-35650-120V-ADIM-841	50	51	4,100°K	3,900	120 VAC	0.43 Amp	<15%	>0.90	E40	120°
LED-35650-120V-ADIM-850	50	51	5,000°K	4,100	120 VAC	0.43 Amp	<15%	>0.90	E40	120°

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Dimming System ..... Analog/Triac
- Power Supply ..... 350mA
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120 VAC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 85°C ..... > 50,000 hrs.
- Color Temperature ..... 3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI) ..... > 80
- Beam Spread ..... 120°
- Minimum Starting Temperature ..... -35°C
- Maximum Starting Temperature ..... 40°C
- Lumens per Watt ..... > 80
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 15%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### RECOMMENDED APPLICATION FIXTURES



- Existing opening must be at least 8" in diameter
- Excellent replacement for high ceiling applications

\* Contact Factory for Application Verification.



**(E26A) IOP-E40-E26-EXTENDER  
Mogul to Medium Base Adapter  
\*\* ORDER SEPERATELY**

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.  
©2002-2013 Neptun Light, Inc. All rights reserved.

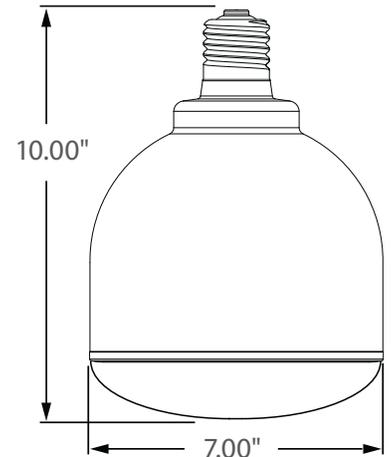
Spec. Rev. 10-2014



Operates on  
120V or 277VAC

\*\* AVAILABLE \*\*

Bi-Level 100% Dimming 50%  
0 - 10V FULL DIMMING



Incredible 75,000 hrs

## GENERAL DESCRIPTION

Neptun's LED R56 retrofit kits are designed for the replacement of existing HID down lighting systems. The LED-356 series lamps are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The round diffused lens allows for great light distribution in high ceilings and hard to access applications, which greatly reduces maintenance costs. It can replace existing HID downlights up to 175W.

## APPLICATION

- High Ceiling Down Lighting
- Atrium Lighting
- Canopy Lighting
- Church Lighting

## STRUCTURE, MATERIALS, & FEATURES

- Aluminum cast heat sink for excellent thermal management.
- Mogul (E40) base socket allows for easy installation.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 36 PCS High Output LED's.
- High power factor, low THD remote driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.
- **Optional:** Bi-Level Dimming, 0-10V Dimming, Remote Monitoring and ON/OFF Control

## ORDERING INFORMATION

Sample Number: LED-35650-RK-UNV-850-E40  
Custom options and accessories available. Please consult factory

Series	Wattage	System	Voltage	Options	Color Temp	Base
LED-356 = R56	50 = 50 W	RK = Retrofit Kit * Includes Lamp and Driver	UNV = 120-277 VAC	0-10VDIM = 0-10V Dimming BL-DIM = Bi-Level Dimming * Contact Factor for Dimming Options	830 = 3000°K 841 = 4100°K 850 = 5000°K	E40 = Mogul Base



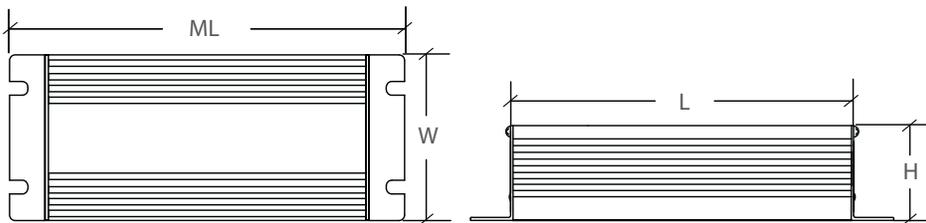
### PRODUCT INFORMATION

Model No.	Rated Watts	Input Watts	Color Temp.	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Base	Beam Spread
LED-35650RK-UNV-830	50	51	3,000°K	3,700	120-277	0.43 - 0.18	<20%	>0.90	E40	120°
LED-35650RK-UNV-841	50	51	4,100°K	3,900	120-277	0.43 - 0.18	<20%	>0.90	E40	120°
LED-35650RK-UNV-850	50	51	5,000°K	4,100	120-277	0.43 - 0.18	<20%	>0.90	E40	120°

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 85°C ..... > 50,000 hrs.
- Color Temperature ..... 3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI) ..... > 80
- Beam Spread ..... 120°
- Minimum Starting Temperature ..... -35°C
- Maximum Starting Temperature ..... 40°C
- Lumens per Watt ..... > 80
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### DRIVER DIMENSIONS



Wattage	M.L.	W	L	H
50W	5.75 in.	2.75 in.	4.75 in.	1.50 in.

### RECOMMENDED APPLICATION FIXTURES



- Existing opening must be at least 8" in diameter
- Excellent replacement for high ceiling applications



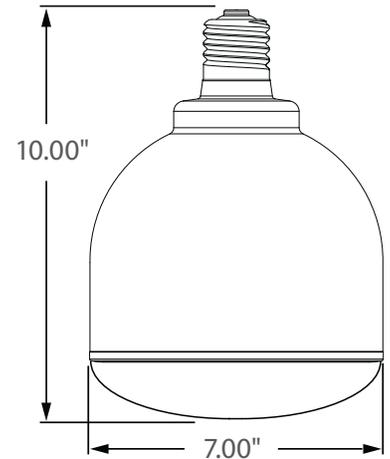
**(E26A) IOP-E40-E26-EXTENDER**  
**Mogul to Medium Base Adapter**  
**\*\* ORDER SEPERATELY**

\* Contact Factory for Application Verification.

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.  
 ©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 10-2014



Incredible **75,000** hrs

### GENERAL DESCRIPTION

Neptun's LED PAR56 retrofit kits are designed for the replacement of existing HID down lighting systems. The LED-356 series lamps are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The round diffused lens allows for great light distribution in high ceilings and hard to access applications, which greatly reduces maintenance costs. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings. It can replace existing HID downlights up to 175W.

### APPLICATION

- High Ceiling Down Lighting
- Atrium Lighting
- Canopy Lighting
- Church Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Aluminum cast heat sink for excellent thermal management.
- Mogul (E40) base socket allows for easy installation.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 36 PCS High Output LED's.
- Analog Dimming driver for increased energy savings.
- High power factor, low THD remote driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

### ORDERING INFORMATION

Sample Number: LED-35650-RK-120V-ADIM-850-E40  
Custom options and accessories available. Please consult factory

Source	Series	Wattage	System	Voltage	Driver System	CCT	Base
LED = LED	356 = R56	50 = 50 W	RK = Retrofit Kit * Includes Lamp and Driver	120V = 120 VAC	ADIM = Analog Dimming	830 = 3000°K 841 = 4100°K 850 = 5000°K	E40 = Mogul Base



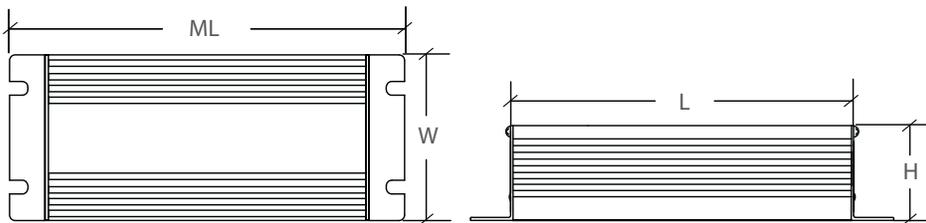
## PRODUCT INFORMATION

Model No.	Rated Watts	Input Watts	Color Temp.	Initial Lumens	Line Voltage	Max Line Current @ 120V	THD	Power Factor	Base	Beam Spread
LED-35650RK-120V-ADIM-830	50	51	3,000°K	3,700	120 VAC	0.43 Amp	<15%	>0.90	E40	120°
LED-35650RK-120V-ADIM-841	50	51	4,100°K	3,900	120 VAC	0.43 Amp	<15%	>0.90	E40	120°
LED-35650RK-120V-ADIM-850	50	51	5,000°K	4,100	120 VAC	0.43 Amp	<15%	>0.90	E40	120°

## SPECIFICATIONS

- LED Driver ..... Constant Current
- Dimming System ..... Analog/Triac
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120 VAC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 85°C ..... > 50,000 hrs.
- Color Temperature ..... 3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI) ..... > 80
- Beam Spread ..... 120°
- Minimum Starting Temperature ..... -35°C
- Maximum Starting Temperature ..... 40°C
- Lumens per Watt ..... > 80
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 15%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

## DRIVER DIMENSIONS



Wattage	M.L.	W	L	H
50W	5.75 in.	2.75 in.	4.75 in.	1.50 in.

## RECOMMENDED APPLICATION FIXTURES



- Existing opening must be at least 8" in diameter
- Excellent replacement for high ceiling applications



**(E26A) IOP-E40-E26-EXTENDER**  
**Mogul to Medium Base Adapter**  
**\*\* ORDER SEPERATELY**

\* Contact Factory for Application Verification.

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.  
 ©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 10-2014

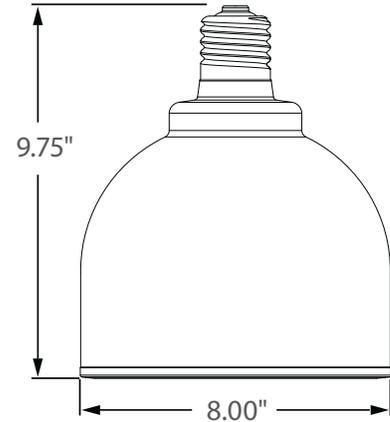


Operates on  
120V or 277VAC

\*\* AVAILABLE \*\*

Bi-Level Dimming  
100% 50%

0 - 10V  
FULL DIMMING



Incredible **75,000** hrs

## GENERAL DESCRIPTION

Neptun's LED R64 retrofit kit lamps are designed for the replacement of existing HID down lighting systems. The 964 series lamps are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The narrow beam spread allows for great light distribution in high ceilings and hard to access applications, which greatly reduces maintenance costs. It can replace existing HID downlights up to 250W.

## APPLICATION

- High Ceiling Down Lighting
- Atrium Lighting
- Canopy Lighting
- Church Lighting

## STRUCTURE, MATERIALS, & FEATURES

- Aluminum cast heat sink for excellent thermal management.
- Mogul (E40) base socket allows for easy installation.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 60 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.
- **Optional:** Bi-Level Dimming, 0-10V Dimming, Remote Monitoring and ON/OFF Control

## ORDERING INFORMATION

Sample Number: LED-964060-RK-UNV-850-E40  
Custom options and accessories available. Please consult factory

Series	Wattage	System	Voltage	Options	Color Temp	Base
LED-964 = PAR64	60 = 60 W 80 = 80 W 100 = 100 W	RK = Retrofit Kit * Includes Lamp and Driver	UNV = 120-277 VAC	0-10VDIM = 0-10V Dimming BL-DIM = Bi-Level Dimming * Contact Factor for Dimming Options	830 = 3000°K 841 = 4100°K 850 = 5000°K	E40 = Mogul Base



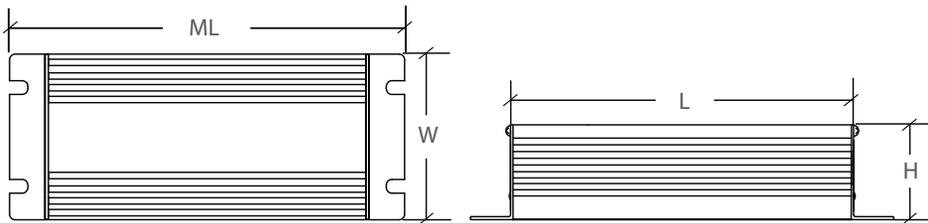
### PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-964060-RK-UNV	PAR64 Retrofit Kit	60	61	5,100	120-277	0.52 - 0.22	<20%	>0.90	3 lbs
LED-964080-RK-UNV	PAR64 Retrofit Kit	80	82	6,400	120-277	0.69 - 0.30	<20%	>0.90	3 lbs
LED-964100-RK-UNV	PAR64 Retrofit Kit	100	102	8,000	120-277	0.87 - 0.37	<20%	>0.90	3 lbs

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 85°C ..... > 50,000 hrs.
- Color Temperature ..... 3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI) ..... > 80
- Beam Spread ..... 40°
- Minimum Starting Temperature ..... -35°C
- Maximum Starting Temperature ..... 40°C
- Lumens per Watt ..... > 80
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### DRIVER DIMENSIONS



Wattage	M.L.	W	L	H
60W - 100W	5.75 in.	2.75 in.	4.75 in.	1.50 in.

### RECOMMENDED APPLICATION FIXTURES



- Existing opening must be at least 10" in diameter
- Excellent replacement for high ceiling applications

\* Contact Factory for Application Verification.

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.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 2-2014

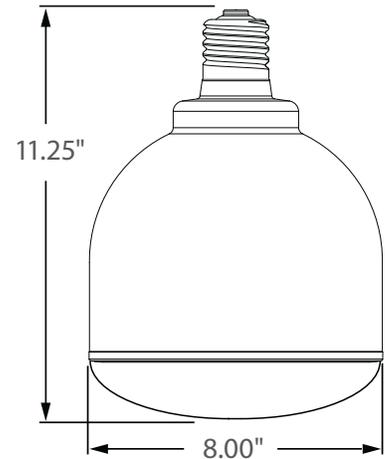


Operates on  
**120V or 277VAC**

**\*\* AVAILABLE \*\***

**Bi-Level Dimming**  
100% 50%

**0 - 10V**  
FULL DIMMING



Incredible **75,000 hrs**

## GENERAL DESCRIPTION

Neptun's LED R64 retrofit kit lamps are designed for the replacement of existing HID down lighting systems. The 964 series lamps are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The round diffused lens allows for great light distribution in high ceilings and hard to access applications, which greatly reduces maintenance costs. It can replace existing HID downlights up to 250W.

## APPLICATION

- High Ceiling Down Lighting
- Atrium Lighting
- Canopy Lighting
- Church Lighting

## STRUCTURE, MATERIALS, & FEATURES

- Aluminum cast heat sink for excellent thermal management.
- Mogul (E40) base socket allows for easy installation.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- 60 PCS High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.
- **Optional:** Bi-Level Dimming, 0-10V Dimming, Remote Monitoring and ON/OFF Control

## ORDERING INFORMATION

Sample Number: LED-364060-RK-UNV-850-E40  
Custom options and accessories available. Please consult factory

Series	Wattage	System	Voltage	Options	Color Temp	Base
LED-364 = R64	60 = 60 W 80 = 80 W 100 = 100 W	RK = Retrofit Kit * Includes Lamp and Driver	UNV = 120-277 VAC	0-10VDIM = 0-10V Dimming BL-DIM = Bi-Level Dimming * Contact Factor for Dimming Options	830 = 3000°K 841 = 4100°K 850 = 5000°K	E40 = Mogul Base



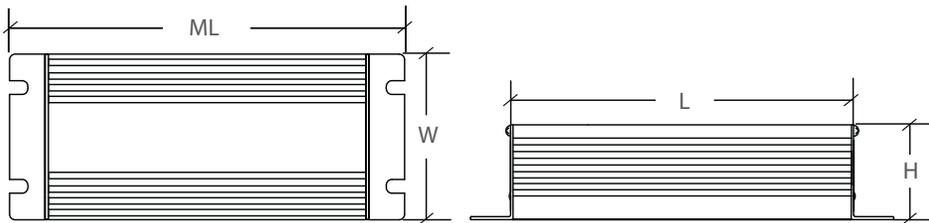
### PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-364060-RK-UNV	R64 Retrofit Kit	60	61	5,100	120-277	0.52 - 0.22	<20%	>0.90	3 lbs
LED-364080-RK-UNV	R64 Retrofit Kit	80	82	6,400	120-277	0.69 - 0.30	<20%	>0.90	3 lbs
LED-364100-RK-UNV	R64 Retrofit Kit	100	102	8,000	120-277	0.87 - 0.37	<20%	>0.90	3 lbs

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- Projected (L70) @ 85°C ..... > 50,000 hrs.
- Color Temperature ..... 3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI) ..... > 80
- Beam Spread ..... 40°
- Minimum Starting Temperature ..... -35°C
- Maximum Starting Temperature ..... 40°C
- Lumens per Watt ..... > 80
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### DRIVER DIMENSIONS



Wattage	M.L.	W	L	H
60W - 100W	5.75 in.	2.75 in.	4.75 in.	1.50 in.

### RECOMMENDED APPLICATION FIXTURES



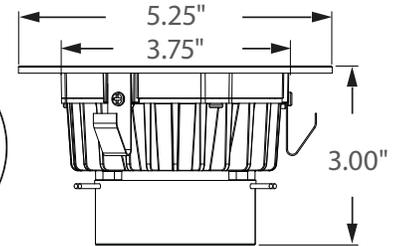
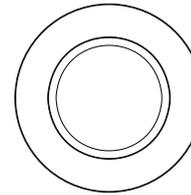
- Existing opening must be at least 10" in diameter
- Excellent replacement for high ceiling applications

\* Contact Factory for Application Verification.

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.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 2-2014



Incredible **40,000 hrs**

### GENERAL DESCRIPTION

Neptun's 4" LED Downlight Retrofit kits feature rugged design and versatility to make it an excellent choice for new construction or retrofit applications. The LED-DL4 series retrofit kit features excellent optics for increased visibility. The 120V Analog/Triac dimming ensures increased energy savings. Offered in a variety of wattages and color temperatures, it can replace existing Incandescent systems up to 60 Watts.

### APPLICATION

- Hotel Lighting
- Soffit Lighting
- Hallway Lighting
- Office Lighting
- Corridor Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Frosted polycarbonate lens over LED's for even illumination.
- Cast aluminum heat sink and frame for excellent thermal management.
- Flicker Free Analog/Triac dimming system operates on 120VAC.
- Offered in various color temperatures. (2700°, 3000°K, 4100°K, 5000°K)
- Supplied with E26 base adapter to easily install in existing can lighting.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- High power factor, low THD driver.
- High Output LED's.
- Up to 15 year maintenance free operation.
- 5 Year Warranty.

### ORDERING INFORMATION

Sample Number: LED-DL4-009-120V-ADIM-827  
Custom options and accessories available. Please consult factory

Series	Wattage	Driver	Color Temp
LED-DL4 = 4" Downlight Retrofit	009 = 09 W 012 = 12 W	120V-ADIM = 120VAC Analog/Triac Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K



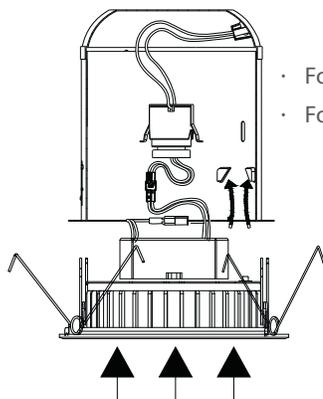
### PRODUCT INFORMATION

Model No.	Watts	Input Line Current @ 120VAC	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Beam Angle
LED-DL4-009-120V-ADIM-827	9	0.078A	>0.90	<20%	2,700°	>80	720	80	90°
LED-DL4-009-120V-ADIM-830	9	0.078A	>0.90	<20%	3,000°	>80	740	82	90°
LED-DL4-009-120V-ADIM-841	9	0.078A	>0.90	<20%	4,000°	>80	760	84	90°
LED-DL4-009-120V-ADIM-850	9	0.078A	>0.90	<20%	5,000°	>80	780	86	90°
LED-DL4-012-120V-ADIM-827	12	0.105A	>0.90	<20%	2,700°	>80	900	72	90°
LED-DL4-012-120V-ADIM-830	12	0.105A	>0.90	<20%	3,000°	>80	920	76	90°
LED-DL4-012-120V-ADIM-841	12	0.105A	>0.90	<20%	4,000°	>80	940	78	90°
LED-DL4-012-120V-ADIM-850	12	0.105A	>0.90	<20%	5,000°	>80	960	80	90°

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Dimming System ..... 120VAC Analog/Triac
- Power Supply ..... 350mA
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- LED / Driver System Life ..... 40,000 Hrs.
- Color Temperature ..... Various
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -10°C
- Maximum Starting Temperature ..... 45°C
- Lumens per Watt ..... > 70
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- IP Rating ..... IP20
- UL Listed ..... Yes
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

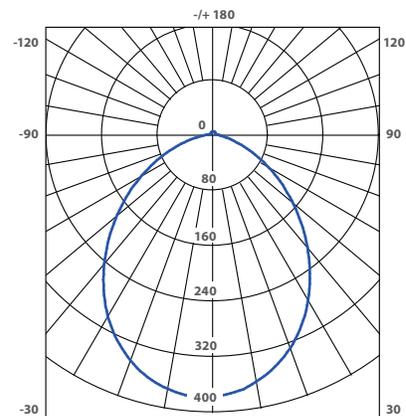
### MOUNTING (See Complete Installation Instructions)



- For existing 4" in. diameter cans / downlights
- For screw-in Medium (E26) base socket

### PHOTOMETRICS

Polar Intensity Diagram

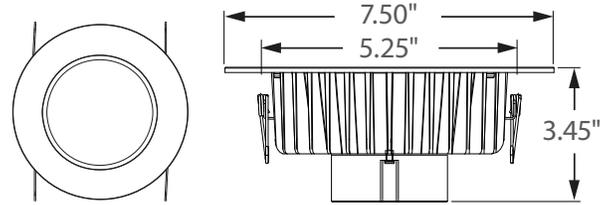


Unit: cd  
Average Beam Angle (50%): 92.1 DEG

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.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 1-2015



Incredible **40,000 hrs**

### GENERAL DESCRIPTION

Neptun's 5" & 6" LED Downlight Retrofit kits feature rugged design and versatility to make it an excellent choice for new construction or retrofit applications. The LED-DL56 series retrofit kit features excellent optics for increased visibility. The 120V Analog/Triac dimming ensures increased energy savings. Offered in a variety of wattages and color temperatures, it can replace existing Incandescent systems up to 75 Watts.

### APPLICATION

- Hotel Lighting
- Soffit Lighting
- Hallway Lighting
- Office Lighting
- Corridor Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Frosted polycarbonate lens over LED's for even illumination.
- Cast aluminum heat sink and frame for excellent thermal management.
- Flicker Free Analog/Triac dimming system operates on 120VAC.
- Offered in various color temperatures. (2700°, 3000°K, 4100°K, 5000°K)
- Supplied with E26 base adapter to easily install in existing can lighting.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- High power factor, low THD driver.
- High Output LED's.
- Up to 15 year maintenance free operation.
- 5 Year Warranty.

### ORDERING INFORMATION

Sample Number: LED-DL56-011-120V-ADIM-827  
Custom options and accessories available. Please consult factory

Series	Wattage	Driver	Color Temp
LED-DL56 = 5" & 6" Downlight Retrofit	011 = 11 W 014 = 14 W	120V-ADIM = 120VAC Analog/Triac Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K



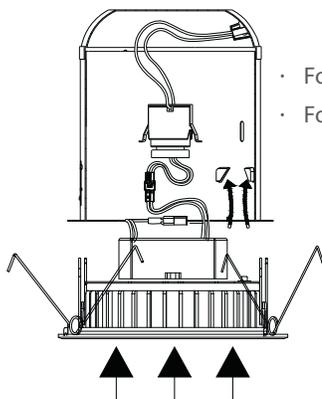
### PRODUCT INFORMATION

Model No.	Watts	Input Line Current @ 120VAC	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Beam Angle
LED-DL56-011-120V-ADIM-827	11	0.096A	>0.90	<20%	2,700°	>80	800	72	90°
LED-DL56-011-120V-ADIM-830	11	0.096A	>0.90	<20%	3,000°	>80	820	74	90°
LED-DL56-011-120V-ADIM-841	11	0.096A	>0.90	<20%	4,000°	>80	840	76	90°
LED-DL56-011-120V-ADIM-850	11	0.122A	>0.90	<20%	5,000°	>80	860	78	90°
LED-DL56-014-120V-ADIM-827	14	0.122A	>0.90	<20%	2,700°	>80	1,100	78	90°
LED-DL56-014-120V-ADIM-830	14	0.122A	>0.90	<20%	3,000°	>80	1,120	80	90°
LED-DL56-014-120V-ADIM-841	14	0.122A	>0.90	<20%	4,000°	>80	1,140	82	90°
LED-DL56-014-120V-ADIM-850	14	0.122A	>0.90	<20%	5,000°	>80	1,180	84	90°

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Dimming System ..... 120VAC Analog/Triac
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- LED / Driver System Life ..... 40,000 Hrs.
- Color Temperature ..... Various
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -10°C
- Maximum Starting Temperature ..... 45°C
- Lumens per Watt ..... > 70
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- IP Rating ..... IP20
- UL Listed ..... Yes
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

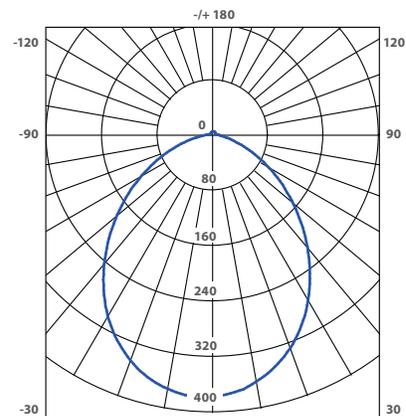
### MOUNTING (See Complete Installation Instructions)



- For existing 5 & 6" in. diameter cans / downlights
- For screw-in Medium (E26) base socket

### PHOTOMETRICS

Polar Intensity Diagram

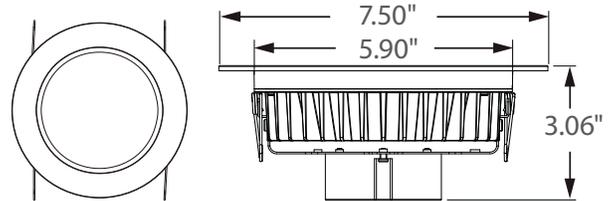


Unit: cd  
Average Beam Angle (50%): 92.1 DEG

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.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 1-2015



Incredible **40,000 hrs**

### GENERAL DESCRIPTION

Neptun's 6" LED Downlight Retrofit kits feature rugged design and versatility to make it an excellent choice for new construction or retrofit applications. The LED-DL6 series retrofit kit features excellent optics for increased visibility. The 120V Analog/Triac dimming ensures increased energy savings. Offered in a variety of wattages and color temperatures, it can replace existing Incandescent systems up to 85 Watts.

### APPLICATION

- Hotel Lighting
- Soffit Lighting
- Hallway Lighting
- Office Lighting
- Corridor Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Frosted polycarbonate lens over LED's for even illumination.
- Cast aluminum heat sink and frame for excellent thermal management.
- Flicker Free Analog/Triac dimming system operates on 120VAC.
- Offered in various color temperatures. (2700°, 3000°K, 4100°K, 5000°K)
- Supplied with E26 base adapter to easily install in existing can lighting.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- High power factor, low THD driver.
- High Output LED's.
- Up to 15 year maintenance free operation.
- 5 Year Warranty.

### ORDERING INFORMATION

Sample Number: LED-DL6-012-120V-ADIM-827  
Custom options and accessories available. Please consult factory

Series	Wattage	Driver	Color Temp
LED-DL6 = 6" Downlight Retrofit	012 = 12 W 015 = 15 W	120V-ADIM = 120VAC Analog/Triac Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K



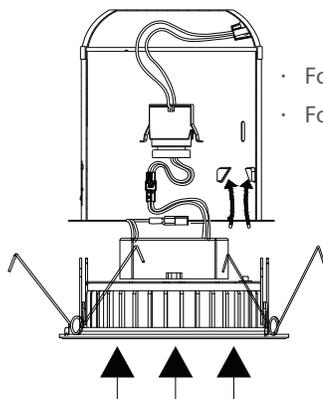
### PRODUCT INFORMATION

Model No.	Watts	Input Line Current @ 120VAC	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Beam Angle
LED-DL6-012-120V-ADIM-827	12	0.105A	>0.90	<20%	2,700°	>80	1,000	83	90°
LED-DL6-012-120V-ADIM-830	12	0.105A	>0.90	<20%	3,000°	>80	1,040	86	90°
LED-DL6-012-120V-ADIM-841	12	0.105A	>0.90	<20%	4,000°	>80	1,060	88	90°
LED-DL6-012-120V-ADIM-850	12	0.105A	>0.90	<20%	5,000°	>80	1,100	90	90°
LED-DL6-015-120V-ADIM-827	15	0.131A	>0.90	<20%	2,700°	>80	1,200	80	90°
LED-DL6-015-120V-ADIM-830	15	0.131A	>0.90	<20%	3,000°	>80	1,240	82	90°
LED-DL6-015-120V-ADIM-841	15	0.131A	>0.90	<20%	4,000°	>80	1,260	84	90°
LED-DL6-015-120V-ADIM-850	15	0.131A	>0.90	<20%	5,000°	>80	1,300	86	90°

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Dimming System ..... 120VAC Analog/Triac
- Power Supply ..... 350mA
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- LED / Driver System Life ..... 40,000 Hrs.
- Color Temperature ..... Various
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -10°C
- Maximum Starting Temperature ..... 45°C
- Lumens per Watt ..... > 70
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- IP Rating ..... IP20
- UL Listed ..... Yes
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

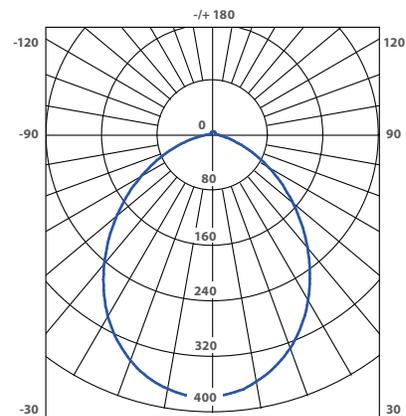
### MOUNTING (See Complete Installation Instructions)



- For existing 6" in. diameter cans / downlights
- For screw-in Medium (E26) base socket

### PHOTOMETRICS

Polar Intensity Diagram

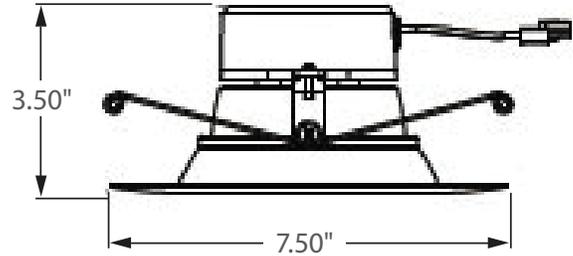


Unit: cd  
Average Beam Angle (50%): 92.1 DEG

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.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 8-2014



Incredible **40,000** hrs

### GENERAL DESCRIPTION

Neptun's 5" & 6" LED Downlight Retrofit kits feature rugged design and versatility to make it an excellent choice for new construction or retrofit applications. The LED-DL56 series retrofit kit features excellent optics for increased visibility. The 120V Analog/Triac dimming ensures increased energy savings. Offered in a variety of wattages and color temperatures, it can replace existing Incandescent systems up to 85 Watts and easily fits in both 5" & 6" Can Lights.

### APPLICATION

- Hotel Lighting
- Soffit Lighting
- Hallway Lighting
- Office Lighting
- Corridor Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Frosted polycarbonate lens over LED's for even illumination.
- Cast aluminum heat sink and frame for excellent thermal management.
- Flicker Free Analog/Triac dimming system operates on 120VAC.
- Offered in various color temperatures. (2700°, 3000°K, 4100°K, 5000°K)
- Supplied with E26 base adapter to easily install in existing can lighting.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- High power factor, low THD driver.
- High Output LED's.
- Up to 15 year maintenance free operation.
- 5 Year Warranty.

### ORDERING INFORMATION

Sample Number: LED-DL56-015-120V-ADIM-827  
Custom options and accessories available. Please consult factory

Series	Wattage	Driver	Color Temp
LED-DL56 = 6" Downlight Retrofit	015 = 15 W 020 = 20 W	120V-ADIM = 120VAC Analog/Triac Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K



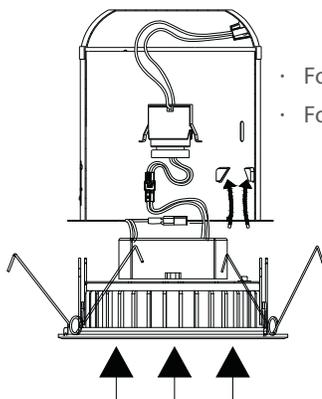
### PRODUCT INFORMATION

Model No.	Watts	Input Line Current @ 120VAC	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Beam Angle
LED-DL56-015-120V-ADIM-827	15	0.131A	>0.90	<20%	2,700°	>80	1,050	70	90°
LED-DL56-015-120V-ADIM-830	15	0.131A	>0.90	<20%	3,000°	>80	1,080	72	90°
LED-DL56-015-120V-ADIM-841	15	0.131A	>0.90	<20%	4,100°	>80	1,110	74	90°
LED-DL56-015-120V-ADIM-850	15	0.131A	>0.90	<20%	5,000°	>80	1,140	76	90°
LED-DL56-020-120V-ADIM-827	20	0.174A	>0.90	<20%	2,700°	>80	1,360	68	90°
LED-DL56-020-120V-ADIM-830	20	0.174A	>0.90	<20%	3,000°	>80	1,400	70	90°
LED-DL56-020-120V-ADIM-841	20	0.174A	>0.90	<20%	4,100°	>80	1,440	72	90°
LED-DL56-020-120V-ADIM-850	20	0.174A	>0.90	<20%	5,000°	>80	1,480	74	90°

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Dimming System ..... 120VAC Analog/Triac
- Power Supply ..... 350mA
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- LED / Driver System Life ..... 40,000 Hrs.
- Color Temperature ..... Various
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -10°C
- Maximum Starting Temperature ..... 45°C
- Lumens per Watt ..... > 65
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Damp Location ..... Yes
- UL Listed ..... Yes
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

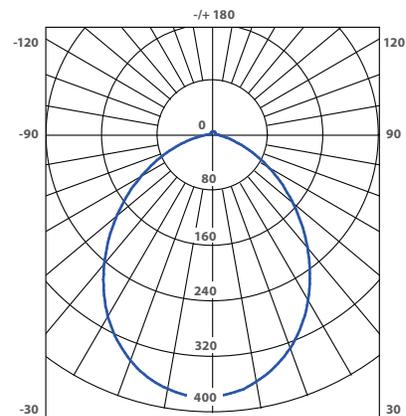
### MOUNTING (See Complete Installation Instructions)



- For existing 6" in. diameter cans / downlights
- For screw-in Medium (E26) base socket

### PHOTOMETRICS

Polar Intensity Diagram



Unit: cd  
Average Beam Angle (50%): 92.1 DEG

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

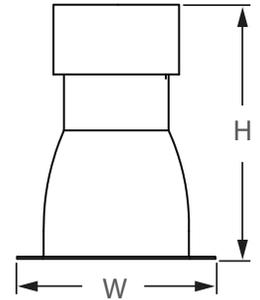
Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 8-2014



### Product Dimensions

Wattage	Height (H)	Width (W)
15W	7.17 in.	5.59 in.
20W	7.17 in.	5.59 in.



**\*\* AVAILABLE \*\***



Incredible **50,000 hrs**

### GENERAL DESCRIPTION

Neptun's 4" LED Commercial Downlight Retrofit kits feature rugged design and versatility to make it an excellent choice for new construction or retrofit applications. The LED-CDL4 series retrofit kit features excellent optics for increased visibility and security. Multiple dimming options available for increased energy savings. Offered in a variety of wattages and color temperatures, it can replace existing HID & HPS systems up to 100 Watts.

### APPLICATION

- Atrium & Lobby Lighting
- Mall Lighting
- Showroom Lighting
- Canopy Lighting
- Soffit Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge anodized aluminum reflector with white trim.
- Cast aluminum heat sink and frame for excellent thermal management.
- Offered in various color temperatures. (3000°K, 4100°K, 5000°K)
- Instant-On flicker-free Cold Start and Hot Re-Start.
- High power factor, low THD driver.
- High Output COB LED's.
- Up to 15 year maintenance free operation.
- 5 Year Warranty.
- **Optional:** 0-10V Dimming & 120V Analog/Triac Dimming

### ORDERING INFORMATION

Sample Number: LED-CDL4-015-UNV-0-10VDIM-850  
Custom options and accessories available. Please consult factory

Series	Wattage	Driver	Options	Color Temp
LED-CDL4 = 4" Commercial Downlight	015 = 15 W 020 = 20 W	UNV = 120-277 VAC 120V-ADIM = 120VAC Analog/Triac Dimming	0-10VDC = 0-10V Dimming* * Available with UNV driver only	830 = 3000°K 841 = 4100°K 850 = 5000°K



### PRODUCT INFORMATION

Model No.	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Beam Angle	Weight
LED-CDL4-015-UNV	15	16	1,050	120-277	0.12 - 0.05	<20%	>0.90	40°	8 lbs
LED-CDL4-020-UNV	20	20	1,400	120-277	0.23 - 0.10	<20%	>0.90	40°	8 lbs

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- LED / Driver System Life ..... 50,000 Hrs.
- Color Temperature ..... 3,000°K, 4,100°K, 5,000°K
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -20°C
- Maximum Starting Temperature ..... 45°C
- Lumens per Watt ..... > 70
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- UL Listed ..... Yes - Damp Location
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### MOUNTING (See Complete Installation Instructions)

### APPLICATIONS

**UP TO 75%  
ENERGY SAVINGS**

### REPLACEMENT INFORMATION

Existing Light Source	Existing Wattage	LED Replacement Wattage
H.I.D.	50w	15w
H.I.D.	70w	20w



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

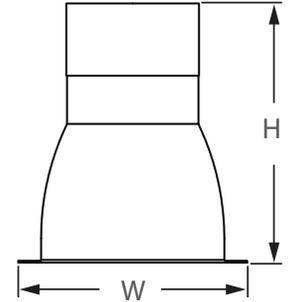
Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 1-2015



### Product Dimensions

Wattage	Height (H)	Width (W)
20W	7.68 in.	7.48 in.
25W	8.46 in.	7.48 in.



**\*\* AVAILABLE \*\***

Analog  
0% ————— 100%  
Triac Dimming

**0 - 10V**  
FULL DIMMING

Incredible **50,000 hrs**

## GENERAL DESCRIPTION

Neptun's 6" LED Commercial Downlight Retrofit kits feature rugged design and versatility to make it an excellent choice for new construction or retrofit applications. The LED-CDL6 series retrofit kit features excellent optics for increased visibility and security. Multiple dimming options available for increased energy savings. Offered in a variety of wattages and color temperatures, it can replace existing HID & HPS systems up to 150 Watts.

## APPLICATION

- Atrium & Lobby Lighting
- Mall Lighting
- Showroom Lighting
- Canopy Lighting
- Soffit Lighting

## STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge anodized aluminum reflector with white trim.
- Cast aluminum heat sink and frame for excellent thermal management.
- Offered in various color temperatures. (3000°K, 4100°K, 5000°K)
- Instant-On flicker-free Cold Start and Hot Re-Start.
- High power factor, low THD driver.
- High Output COB LED's.
- Up to 15 year maintenance free operation.
- 5 Year Warranty.
- **Optional:** 0-10V Dimming & 120V Analog/Triac Dimming

## ORDERING INFORMATION

Sample Number: LED-CDL6-020-UNV-0-10VDIM-850  
Custom options and accessories available. Please consult factory

Series	Wattage	Driver	Options	Color Temp
LED-CDL6 = 6" Commercial Downlight	020 = 20 W 025 = 25 W	UNV = 120-277 VAC 120V-ADIM = 120VAC Analog/Triac Dimming	0-10VDC = 0-10V Dimming* * Available with UNV driver only	830 = 3000°K 841 = 4100°K 850 = 5000°K



lightinnovations@work™

### PRODUCT INFORMATION

Model No.	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Beam Angle	Weight
LED-CDL6-020-UNV	20	21	1,400	120-277	0.15 - 0.06	<20%	>0.90	40°	10 lbs
LED-CDL6-025-UNV	25	26	1,750	120-277	0.23 - 0.10	<20%	>0.90	40°	10 lbs

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- LED / Driver System Life ..... 50,000 Hrs.
- Color Temperature ..... 3,000°K, 4,100°K, 5,000°K
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -20°C
- Maximum Starting Temperature ..... 45°C
- Lumens per Watt ..... > 70
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- UL Listed ..... Yes - Damp Location
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### MOUNTING (See Complete Installation Instructions)

### APPLICATIONS

**UP TO 75%  
ENERGY SAVINGS**

### REPLACEMENT INFORMATION

Existing Light Source	Existing Wattage	LED Replacement Wattage
H.I.D.	70w	20w
H.I.D.	100w	25w



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

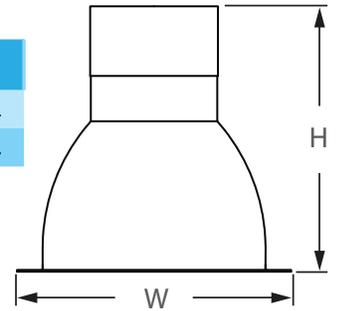
Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 1-2015



### Product Dimensions

Wattage	Height (H)	Width (W)
25W	8.98 in.	9.29 in.
40W	8.98 in.	9.29 in.



Incredible **50,000 hrs**

### GENERAL DESCRIPTION

Neptun's 8" LED Commercial Downlight Retrofit kits feature rugged design and versatility to make it an excellent choice for new construction or retrofit applications. The LED-CDL8 series retrofit kit features excellent optics for increased visibility and security. Multiple dimming options available for increased energy savings. Offered in a variety of wattages and color temperatures, it can replace existing HID & HPS systems up to 250 Watts.

### APPLICATION

- Atrium & Lobby Lighting
- Mall Lighting
- Showroom Lighting
- Canopy Lighting
- Soffit Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge anodized aluminum reflector with white trim.
- Cast aluminum heat sink and frame for excellent thermal management.
- Offered in various color temperatures. (3000°K, 4100°K, 5000°K)
- Instant-On flicker-free Cold Start and Hot Re-Start.
- High power factor, low THD driver.
- High Output COB LED's.
- Up to 15 year maintenance free operation.
- 5 Year Warranty.
- **Optional:** 0-10V Dimming & 120V Analog/Triac Dimming

### ORDERING INFORMATION

Sample Number: LED-CDL8-025-UNV-0-10VDIM-850  
Custom options and accessories available. Please consult factory

Series	Wattage	Driver	Options	Color Temp
LED-CDL8 = 8" Commercial Downlight	025 = 25 W 040 = 40 W	UNV = 120-277 VAC 120V-ADIM = 120VAC Analog/Triac Dimming	0-10VDC = 0-10V Dimming* * Available with UNV driver only	830 = 3000°K 841 = 4100°K 850 = 5000°K



### PRODUCT INFORMATION

Model No.	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Beam Angle	Weight
LED-CDL8-025-UNV	25	26	1,750	120-277	0.23 - 0.10	<20%	>0.90	40°	10 lbs
LED-CDL8-040-UNV	40	41	2,800	120-277	0.47 - 0.20	<20%	>0.90	40°	10 lbs

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- LED / Driver System Life ..... 50,000 Hrs.
- Color Temperature ..... 3,000°K, 4,100°K, 5,000°K
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -20°C
- Maximum Starting Temperature ..... 45°C
- Lumens per Watt ..... > 70
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- UL Listed ..... Yes - Damp Location
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

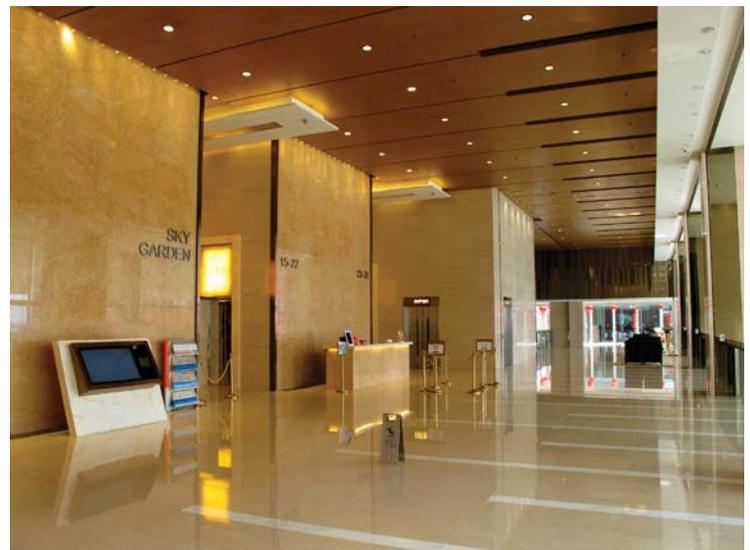
### ENERGY SAVINGS

**UP TO 75%  
ENERGY SAVINGS**

### REPLACEMENT INFORMATION

Existing Light Source	Existing Wattage	LED Replacement Wattage
H.I.D.	100w	25w
H.I.D.	150w	40w

### APPLICATION



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

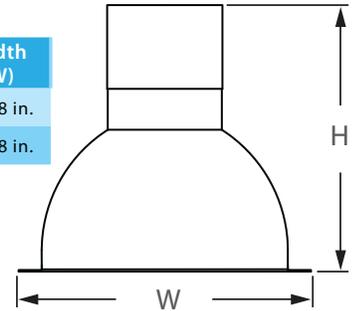
Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 6-2014



### Product Dimensions

Wattage	Height (H)	Width (W)
40W	9.21 in.	10.98 in.
50W	10.00 in.	10.98 in.



**\*\* AVAILABLE \*\***



Incredible **50,000 hrs**

## GENERAL DESCRIPTION

Neptun's 10" LED Commercial Downlight Retrofit kits feature rugged design and versatility to make it an excellent choice for new construction or retrofit applications. The LED-CDL10 series retrofit kit features excellent optics for increased visibility and security. Multiple dimming options available for increased energy savings. Offered in a variety of wattages and color temperatures, it can replace existing HID & HPS systems up to 250 Watts.

## APPLICATION

- Atrium & Lobby Lighting
- Mall Lighting
- Showroom Lighting
- Canopy Lighting
- Soffit Lighting

## STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge anodized aluminum reflector with white trim.
- Cast aluminum heat sink and frame for excellent thermal management.
- Offered in various color temperatures. (3000°K, 4100°K, 5000°K)
- Instant-On flicker-free Cold Start and Hot Re-Start.
- High power factor, low THD driver.
- High Output COB LED's.
- Up to 15 year maintenance free operation.
- 5 Year Warranty.
- **Optional:** 0-10V Dimming & 120V Analog/Triac Dimming

## ORDERING INFORMATION

Sample Number: LED-CDL10-050-UNV-0-10VDIM-850  
Custom options and accessories available. Please consult factory

Series	Wattage	Driver	Options	Color Temp
LED-CDL10 = 10" Commercial Downlight	040 = 40 W 050 = 50 W	UNV = 120-277 VAC 120V-ADIM = 120VAC Analog/Triac Dimming	0-10VDC = 0-10V Dimming* * Available with UNV driver only	830 = 3000°K 841 = 4100°K 850 = 5000°K



lightinnovations@work™

### PRODUCT INFORMATION

Model No.	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Beam Angle	Weight
LED-CDL10-040-UNV	40	41	2,800	120-277	0.34 - 0.15	<20%	>0.90	40°	10 lbs
LED-CDL10-050-UNV	50	51	3,500	120-277	0.43 - 0.18	<20%	>0.90	40°	10 lbs

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- LED / Driver System Life ..... 50,000 Hrs.
- Color Temperature ..... 3,000°K, 4,100°K, 5,000°K
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -20°C
- Maximum Starting Temperature ..... 45°C
- Lumens per Watt ..... > 70
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- UL Listed ..... Yes - Damp Location
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### ENERGY SAVINGS

**UP TO 75%  
ENERGY SAVINGS**

### REPLACEMENT INFORMATION

Existing Light Source	Existing Wattage	LED Replacement Wattage
H.I.D.	150w	40w
H.I.D.	175w	50w

### APPLICATION



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

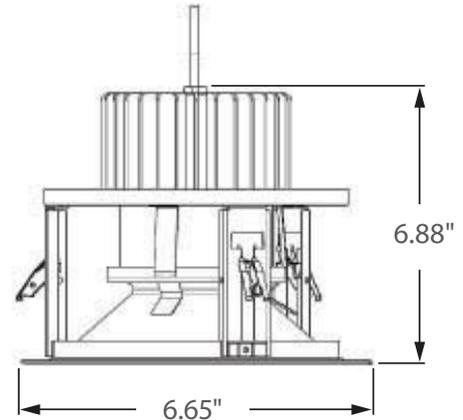
Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 6-2014



\*\* AVAILABLE \*\*

**0 - 10V**  
FULL DIMMING



Incredible **50,000 hrs**

### GENERAL DESCRIPTION

Neptun's 6" LED Commercial High-Output Downlight Retrofit kits feature rugged design and versatility to make it an excellent choice for new construction or retrofit applications. The LED-CDL6 series retrofit kit features excellent optics for increased visibility and security. 0-10V Dimming option available for increased energy savings. Offered in a variety of color temperatures, it can replace existing HID & HPS systems up to 175 Watts.

### APPLICATION

- Atrium & Lobby Lighting
- Mall Lighting
- Showroom Lighting
- Canopy Lighting
- Soffit Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge anodized aluminum reflector.
- Cold-forging pure aluminum heat sink for excellent thermal management.
- Offered in various color temperatures. (3000°K, 4100°K, 5000°K)
- Instant-On flicker-free Cold Start and Hot Re-Start.
- High power factor, low THD driver.
- High Output COB LED's.
- Up to 15 year maintenance free operation.
- 5 Year Warranty.

### ORDERING INFORMATION

Sample Number: LED-CDL6-060-UNV-0-10VDIM-850  
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp
LED-CDL6 = 6" Commercial Downlight	060 = 60 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC	0-10VDIM = 0-10V Dimming	830 = 3000°K 841 = 4100°K 850 = 5000°K



### PRODUCT INFORMATION

Model No.	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Beam Angle	Weight
LED-CDL6-060-UNV	60	61	5,600	120-277	0.52 - 0.22	<20%	>0.90	60°	4 lbs

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- LED / Driver System Life ..... 50,000 Hrs.
- Color Temperature ..... 3,000°K, 4,100°K, 5,000°K
- Color Rendering Index (CRI) ..... > 90
- Minimum Starting Temperature ..... -20°C
- Maximum Starting Temperature ..... +50°C
- Lumens per Watt ..... > 90
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- IP Rating ..... IP44
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### MOUNTING (See Complete Installation Instructions)

### APPLICATIONS

**UP TO 75%  
ENERGY SAVINGS**

### REPLACEMENT INFORMATION

Existing Light Source	Existing Wattage	LED Replacement Wattage
H.I.D.	175w	60w



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

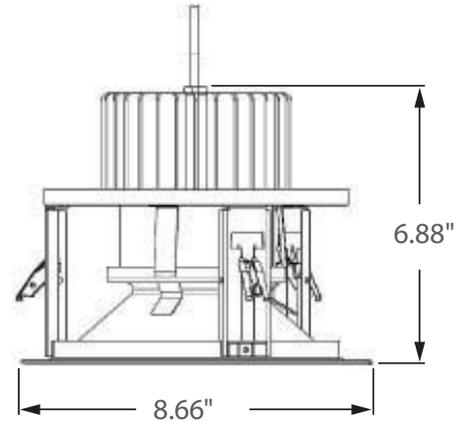
Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 1-2015



\*\* AVAILABLE \*\*

**0 - 10V**  
FULL DIMMING



Incredible **50,000 hrs**

### GENERAL DESCRIPTION

Neptun's 8" LED Commercial High-Output Downlight Retrofit kits feature rugged design and versatility to make it an excellent choice for new construction or retrofit applications. The LED-CDL8 series retrofit kit features excellent optics for increased visibility and security. 0-10V Dimming option available for increased energy savings. Offered in a variety of color temperatures, it can replace existing HID & HPS systems up to 175 Watts.

### APPLICATION

- Atrium & Lobby Lighting
- Mall Lighting
- Showroom Lighting
- Canopy Lighting
- Soffit Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge anodized aluminum reflector.
- Cold-forging pure aluminum heat sink for excellent thermal management.
- Offered in various color temperatures. (3000°K, 4100°K, 5000°K)
- Instant-On flicker-free Cold Start and Hot Re-Start.
- High power factor, low THD driver.
- High Output COB LED's.
- Up to 15 year maintenance free operation.
- 5 Year Warranty.

### ORDERING INFORMATION

Sample Number: LED-CDL8-060-UNV-0-10VDIM-850  
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp
LED-CDL8 = 8" Commercial Downlight	060 = 60 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC	0-10VDIM = 0-10V Dimming	830 = 3000°K 841 = 4100°K 850 = 5000°K



### PRODUCT INFORMATION

Model No.	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Beam Angle	Weight
LED-CDL8-060-UNV	60	61	5,600	120-277	0.52 - 0.22	<20%	>0.90	60°	4 lbs

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- LED / Driver System Life ..... 50,000 Hrs.
- Color Temperature ..... 3,000°K, 4,100°K, 5,000°K
- Color Rendering Index (CRI) ..... > 90
- Minimum Starting Temperature ..... -20°C
- Maximum Starting Temperature ..... +50°C
- Lumens per Watt ..... > 90
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- IP Rating ..... IP44
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### MOUNTING (See Complete Installation Instructions)

### APPLICATIONS

**UP TO 75%  
ENERGY SAVINGS**

### REPLACEMENT INFORMATION

Existing Light Source	Existing Wattage	LED Replacement Wattage
H.I.D.	175w	60w



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.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 1-2015



**\*\* 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 Cree LED's.
- High power factor, low THD driver with 10kV 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-SRK-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
<b>LED</b> = LED	<b>SRK</b> = Square Retrofit Kit * LED's & Driver included ** Kit model # will be given once custom kit is designed for the fixture to be retrofitted.	<b>060</b> = 60 W <b>080</b> = 80 W <b>100</b> = 100 W <b>120</b> = 120 W <b>150</b> = 150 W <b>180</b> = 180 W <b>200</b> = 200 W <b>260</b> = 260 W <b>320</b> = 320 W	<b>UNV</b> = 120-277 VAC <b>347V</b> = 347 VAC <b>480V</b> = 480 VAC	<b>0-10VDIM</b> = 0-10V Dimming <b>BL-DIM</b> = Bi-Level Dimming* * Includes Motion Sensor ** Contact Factory for dimming options	<b>830</b> = 3000°K <b>841</b> = 4100°K <b>850</b> = 5000°K* * Standard	<b>T3</b> = Type 3 <b>T5</b> = Type 5



**lightinnovations@work™**

### PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277V	THD	Power Factor	Weight
LED-SRK-040-UNV	LED Square Retrofit Kit	40	42	4,000	120-277	0.34 - 0.15	<20%	>0.90	12 lbs
LED-SRK-060-UNV	LED Square Retrofit Kit	60	62	6,000	120-277	0.52 - 0.22	<20%	>0.90	12 lbs
LED-SRK-080-UNV	LED Square Retrofit Kit	80	82	8,000	120-277	0.69 - 0.30	<20%	>0.90	12 lbs
LED-SRK-100-UNV	LED Square Retrofit Kit	100	102	10,000	120-277	0.87 - 0.37	<20%	>0.90	12 lbs
LED-SRK-120-UNV	LED Square Retrofit Kit	120	122	12,000	120-277	1.05 - 0.45	<20%	>0.90	12 lbs
LED-SRK-150-UNV	LED Square Retrofit Kit	150	152	15,000	120-277	1.31 - 0.56	<20%	>0.90	12 lbs
LED-SRK-180-UNV	LED Square Retrofit Kit	180	182	18,000	120-277	1.57 - 0.68	<20%	>0.90	20 lbs
LED-SRK-200-UNV	LED Square Retrofit Kit	200	202	20,000	120-277	1.74 - 0.75	<20%	>0.90	20 lbs
LED-SRK-260-UNV	LED Square Retrofit Kit	260	262	26,000	120-277	2.27 - 0.98	<20%	>0.90	20 lbs
LED-SRK-320-UNV	LED Square Retrofit Kit	320	322	32,000	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.

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.  
 ©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 5-2015



**\*\* 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 Cree LED's.
- High power factor, low THD driver with 10kV 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
<b>LED</b> = LED	<b>CRK</b> = Circle Retrofit Kit * LED's & Driver included ** Kit model # will be given once custom kit is designed for the fixture to be retrofitted.	<b>060</b> = 60 W <b>080</b> = 80 W <b>100</b> = 100 W <b>120</b> = 120 W <b>150</b> = 150 W <b>180</b> = 180 W <b>200</b> = 200 W <b>260</b> = 260 W <b>320</b> = 320 W	<b>UNV</b> = 120-277 VAC <b>347V</b> = 347 VAC <b>480V</b> = 480 VAC	<b>0-10VDIM</b> = 0-10V Dimming <b>BL-DIM</b> = Bi-Level Dimming* * Includes Motion Sensor ** Contact Factory for dimming options	<b>830</b> = 3000°K <b>841</b> = 4100°K <b>850</b> = 5000°K* * Standard	<b>T3</b> = Type 3 <b>T5</b> = Type 5



lightinnovations@work™

### PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial 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	4,000	120-277	0.34 - 0.15	<20%	>0.90	12 lbs
LED-CRK-060-UNV	LED Circle Retrofit Kit	60	62	6,000	120-277	0.52 - 0.22	<20%	>0.90	12 lbs
LED-CRK-080-UNV	LED Circle Retrofit Kit	80	82	8,000	120-277	0.69 - 0.30	<20%	>0.90	12 lbs
LED-CRK-100-UNV	LED Circle Retrofit Kit	100	102	10,000	120-277	0.87 - 0.37	<20%	>0.90	12 lbs
LED-CRK-120-UNV	LED Circle Retrofit Kit	120	122	12,000	120-277	1.05 - 0.45	<20%	>0.90	12 lbs
LED-CRK-150-UNV	LED Circle Retrofit Kit	150	152	15,000	120-277	1.31 - 0.56	<20%	>0.90	12 lbs
LED-CRK-180-UNV	LED Circle Retrofit Kit	180	182	18,000	120-277	1.57 - 0.68	<20%	>0.90	20 lbs
LED-CRK-200-UNV	LED Circle Retrofit Kit	200	202	20,000	120-277	1.74 - 0.75	<20%	>0.90	20 lbs
LED-CRK-260-UNV	LED Circle Retrofit Kit	260	262	26,000	120-277	2.27 - 0.98	<20%	>0.90	20 lbs
LED-SRK-320-UNV	LED Circle Retrofit Kit	320	322	32,000	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.

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.  
 ©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 5-2015



**\*\* 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 Cree LED's.
- High power factor, low THD driver with 10kV 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-RRK-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	RRK = Rectangle Retrofit Kit * LED's & Driver included ** Kit model # will be given once custom kit is designed for the fixture to be retrofitted.	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



lightinnovations@work™

## PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277V	THD	Power Factor	Weight
LED-RRK-040-UNV	Rectangle Retrofit Kit	40	42	4,000	120-277	0.34 - 0.15	<20%	>0.90	12 lbs
LED-RRK-060-UNV	Rectangle Retrofit Kit	60	62	6,000	120-277	0.52 - 0.22	<20%	>0.90	12 lbs
LED-RRK-080-UNV	Rectangle Retrofit Kit	80	82	8,000	120-277	0.69 - 0.30	<20%	>0.90	12 lbs
LED-RRK-100-UNV	Rectangle Retrofit Kit	100	102	10,000	120-277	0.87 - 0.37	<20%	>0.90	12 lbs
LED-RRK-120-UNV	Rectangle Retrofit Kit	120	122	12,000	120-277	1.05 - 0.45	<20%	>0.90	12 lbs
LED-RRK-150-UNV	Rectangle Retrofit Kit	150	152	15,000	120-277	1.31 - 0.56	<20%	>0.90	12 lbs
LED-RRK-180-UNV	Rectangle Retrofit Kit	180	182	18,000	120-277	1.57 - 0.68	<20%	>0.90	20 lbs
LED-RRK-200-UNV	Rectangle Retrofit Kit	200	202	20,000	120-277	1.74 - 0.75	<20%	>0.90	20 lbs
LED-RRK-260-UNV	Rectangle Retrofit Kit	260	262	26,000	120-277	2.27 - 0.98	<20%	>0.90	20 lbs
LED-RRK-320-UNV	Rectangle Retrofit Kit	320	322	32,000	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.

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.  
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 5-2015



## LED Lighting Limited Warranty

NEPTUN Light, Inc ("NEPTUN"), 13950 Business Center Dr, Lake Forest, IL 60045 warrants that its LED (Light Emitting Diodes) light bulbs and LED lighting systems will be free from defect in material and workmanship from the date of installation for **5 years**

This warranty is conditioned upon proper storage, installation, use and maintenance. This warranty is not applicable to any Neptun LED lighting products which are not installed and operated in accordance with the current edition of the National Electric Code (NEC), the Standards for Safety of Underwriter's Laboratories, INC (UL), the Standards of the American National Standards Institute (ANSI), and with NEPTUN's instructions and guidelines for LED bulb and LED lighting systems. This warranty is not applicable to any Neptun LED lighting products subjected to abnormal stresses and operating conditions.

NEPTUN shall correct any defects, at NEPTUN's option, by either repairing any defective part or parts or by replacing any defective part or parts or by making available a new replacement part at no charge.

The conditions of any test concerning any Neptun LED products which are claimed to have not performed to the warranty shall be mutually agreed upon in writing and NEPTUN shall be notified of, and may be represented at any such tests. This express limited warranty is extended by NEPTUN only to original or first end-user purchaser.

This warranty is valid only if registered by end-user, purchaser, upon receipt by NEPTUN of the WARRANTY REGISTRATION FORM with specific information about the LED light bulb and LED lighting system installation. Product Warranty only valid once invoice is paid in full according to terms.

**NO IMPLIED STATUTORY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY BEYOND THE AFOREMENTIONED WARRANTY PERIOD.** The foregoing warranty is exclusive of all other statutory, written or oral warranties, and no other warranties of any kind, statutory or otherwise, are given or herein expressed. This warranty sets forth NEPTUN's responsibilities regarding the Neptun LED lighting systems and claimant's exclusive remedy.

**LIMITATION OF LIABILITY.** NEPTUN will not under any circumstances whether as a result of breach of contract, breach of warranty, tort, strict liability or otherwise be liable for consequential, incidental, special or exemplary damages including but not limited to, loss of profits or revenues, loss of use of Neptun LED products or any other goods or associated equipment or damage to any associated equipment, cost of capital, cost of substitute products, facilities of services, down time cost, or claims of claimant's customers.

NEPTUN's liability or any claim of any kind for any loss or damages arising out of, resulting from or concerning any aspect of this agreement or from the product or services furnished hereunder shall not exceed the price of the specific LED product which gives rise to the claim.

This warranty gives the claimant specific legal rights. The claimant may also have other rights which vary from state to state.

---

**NOTE:** For more information please call Customer Service at 1-888-735-8330 or email: [orders@neptunlight.com](mailto:orders@neptunlight.com)

Revision Date: February, 2015



## LED Lighting Limited Warranty

NEPTUN Light, Inc ("NEPTUN"), 13950 Business Center Dr., Lake Forest, IL 60045 warrants that its LED (Light Emitting Diodes) Fixtures utilizing COB (Chip on Board) technology with Glass Lens design will be free from defect in material and workmanship from the date of installation for **10 years**.

This warranty is conditioned upon proper storage, installation, use and maintenance. This warranty is not applicable to any Neptun LED COB lighting products which are not installed and operated in accordance with the current edition of the National Electrical Code (NEC), the Standards for Safety of Underwrites' Laboratories, INC. (UL), the Standards of the American National Standards Institute (ANSI), and with NEPTUN's instruction and guidelines for the LED COB lighting systems. This warranty is not applicable to any Neptun LED COB lighting products subjected to abnormal stresses and operating conditions

NEPTUN shall correct any defects, at NEPTUN's option, by either repairing any defective part or parts or by replacing any defective part or parts or by making available a new replacement part at no charge.

The conditions of any tests concerning any NEPTUN LED COB products which are claimed to have not performed to this warranty shall be mutually agreed upon in writing and NEPTUN shall be notified of, and may be represented at any such tests. This express limited warranty is extended by NEPTUN only to be the original or first end-user purchaser.

This warranty is valid only if registered by end-user, purchaser, upon receipt by NEPTUN of the WARRANTY REGISTRATION FORM with specific information about the LED COB lighting system installation. Product Warranty only valid once invoice is paid in full according to terms.

**NO IMPLIED STATUTORY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY BEYOND THE AFOREMENTIONED WARRANTY PERIOD.** The foregoing warranty is exclusive of all other statutory, written or oral warranties, and no other warranties of any kind, statutory or otherwise, are given or herein expressed. This warranty sets forth NEPTUN's responsibilities regarding the Neptun LED COB lighting system and claimant's exclusive remedy.

**LIMITATION OF LIABILITY.** NEPTUN will not under any circumstances whether as a result of breach of contract, breach of warranty, tort, strict liability or otherwise be liable for consequential, incidental, special or exemplary damages including but not limited to, loss of profits or revenues, loss of use of NEPTUN LED COB products or any other goods or associated equipment or damage to any associated equipment, cost of capital, cost of substitute products, facilities of services, down time cost, or claims or claimant's customers.

NEPTUN's liability on any claim of any kind for any loss or damages arising out of, resulting from or concerning any aspect of this agreement of from the product or services furnished hereunder shall not exceed the price of the specific LED COB product which gives rise to the claim.

This warranty gives the claimant specific legal rights. The claimant may also have other rights which vary from state to state.

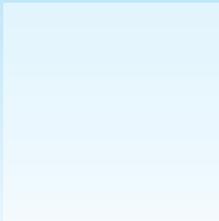
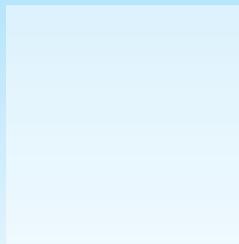
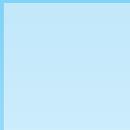
---

**NOTE:** For more information please call Customer Service at 1-888-735-8330 or email: [orders@neptunlight.com](mailto:orders@neptunlight.com)



*lightinnovations@work*<sup>TM</sup>

Neptun Light is a leader in the manufacture of energy efficient retrofit products and light fixtures in the fields of LED, Induction, and Solar technology. We boast a highly diversified product portfolio of indoor and outdoor products. Additionally, our products span a wide range of commercial, industrial, government, and utility infrastructure applications. Neptun Light achieves its level of success through timely development of new technology that caters to a constantly evolving marketplace. Among Neptun Light's core values are continuous innovation, high quality products, a focus on energy conservation, and an uncompromised commitment to customer service.



**Neptun Light, Inc.**

13950 Business Center Dr.  
Lake Forest, Illinois 60045 USA  
Tel: (888) 735-8330  
Fax: (847) 735-8004  
[www.NeptunLight.com](http://www.NeptunLight.com)

