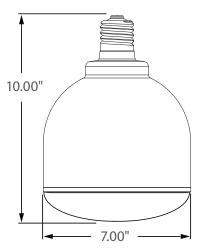
### LED

## DIMMABLE-R56 SELF-BALLASTED RETROFIT LAMPS 120V ANALOG/TRIAC DIMMING SYSTEM



Analog
0% 100%
Triac Dimming



## 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

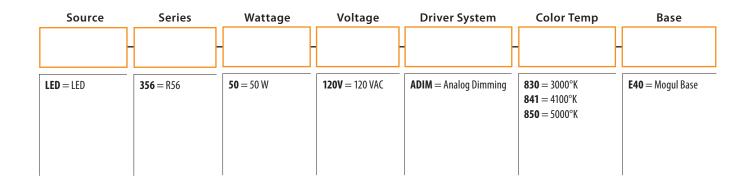
- · High Ceiling Down Lighting
- · Atrium Lighting
- · Canopy Lighting
- · Church Lighting

### 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.
- $\cdot\;$  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







*lightinnovations@work*™



# DIMMABLE - R56 RETROFIT LAMPS 120V ANALOG/TRIAC DIMMING SYSTEM

#### PRODUCT INFORMATION

Model No.	Rated Watts	Input Watts	Color Temp.	Delivered 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	
	Start Method	
٠	Hot Re-start	InstantON
	Input Line Voltage	120 VAC
	Input Line Frequency	50/60 Hz
٠	Driver Off-State Draw	0 Watts
	Sound Rating	Class A
	Projected (L70) @ 85°C	> 50,000 hrs.
	Color Temperature	

	Color Rendering Index (CRI)	>80
	Beam Spread	120°
	Minimum Starting Temperature	
	Maximum Starting Temperature	40°C
•	Lumens per Watt	> 100
	Power Factor	
	Total Harmonic Distortion	< 15%
•	Inrush Current Peak	< 10 Amp
	FCC Compliance	Part 15, Subp. C
	Warranty	5 Year

#### RECOMMENDED APPLICATION FIXTURES



- \* NOT TO BE USED IN ENCLOSED FIXTURES
- \* Contact Factory for Application Verification.
- · Existing opening must be at least 8" in diameter
- · Excellent replacement for high ceiling applications



EXTENDER:E40-E26 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.

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