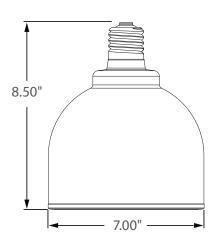
LED

DIMMABLE-PAR56 SELF-BALLASTED- RETROFIT LAMPS 120V ANALOG/TRIAC DIMMING SYSTEM







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





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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-95650-120V-ADIM-830	50	51	3,000°K	5,000	120 VAC	0.43 Amp	<15%	>0.90	E40	25°
LED-95650-120V-ADIM-841	50	51	4,100°K	5,100	120 VAC	0.43 Amp	<15%	>0.90	E40	25°
LED-95650-120V-ADIM-850	50	51	5,000°K	5,200	120 VAC	0.43 Amp	<15%	>0.90	E40	25°

SPECIFICATIONS

· LED Driver	Constant Current
· Dimming System	Analog/Triac
· Power Supply	
· Start Method	
· Hot Re-start	InstantON
· Input Line Voltage	120 VAC
· Input Line Frequency	
Driver Off-State Draw	
Sound Rating	Class A
 Projected (L70) @ 85°C 	
· Color Temperature	

•	Color Rendering Index (CRI)	>80
	Beam Spread	25°
	Minimum Starting Temperature	
•	Maximum Starting Temperature	40°C
	Lumens per Watt	> 100
	Power Factor	
	Total Harmonic Distortion	< 15%
	Inrush Current Peak	
	FCC Compliance	
	Warranty	

RECOMMENDED APPLICATION FIXTURES





- · 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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^{*} NOT TO BE USED IN ENCLOSED FIXTURES * Contact Factory for Application Verification.