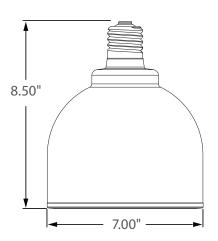


LED

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







Incredible 70,000 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	
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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.	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
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
ANSI Surge Protection	Class A
LED / Driver System Life	70,000 Hrs.
Lumen Maintenance @50,000Hrs	>70%

Color Temperature	.3000°K, 4100°K, 5000°K
Color Rendering Index (CRI)	
Beam Spread	25°
Minimum Starting Temperature	
Maximum Starting Temperature	40°C
Lumens per Watt	. > 80
Power Factor	
Total Harmonic Distortion	. < 15%
Inrush Current Peak	. < 10 Amp
ETL Listed / UL Standard 1598	Yes
FCC Compliance	. Part 15, Subp. C
Warranty	5 Year

RECOMMENDED APPLICATION FIXTURES





- $\cdot\;$ 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.

^{*} NOT TO BE USED IN LENSED FIXTURE