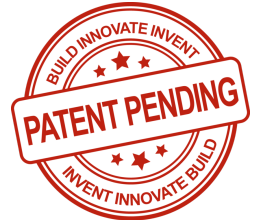


"Uniting Innovation, Engineering, Manufacturing and Distribution"

Smart Light Source LED IP67 WaterProof



Product Description

PowerRail, an M-1003 AAR Certified Quality Company, is pleased to offer our NEW **LED 50A19** 75Volt Number Board "Corn Cob Style" and **AAR S-5515** Style Rough Service LED bulbs. Offers the latest Cree LED technology while providing IP67 protection from Water Damage. These unique designs offer true reliability and performance with **Patent Pending Design**.

Field Tests with Class I's, Regionals, Passenger Transit, and other applications have proven that this is the **competitively priced**, DIRECT DROP-IN solution that the Rail Industry has been seeking!

Smart LED

Part # RS50A19LED-6WLL (AAR 6Watt)
Part# RS50A19LED-3WCORN (Corn Style)

Replaces OEM references:

25A19 - 50A19 - 8080404 - 8080403
8090358-8094886 - 41A210382P2



LED Advantages:

- ⇒ Rated Life 50,000 Hours vs. 1,000 of Standard Bulb. (50 to 1 Life)
- ⇒ True LED Circuit Board Reliability and Durability
- ⇒ Reduced Generator Voltage Draw provides Fuel Savings
- ⇒ No EMI Interference
- ⇒ Reverse Polarity Protected
- ⇒ Operates on Voltage Range of 50 Vdc to 80Vdc
- ⇒ No Filaments or Glass to Break (Enhanced Protective Globe).
- ⇒ Reduced Labor and Maintenance Labor Costs.
- ⇒ Eliminates FRA Infringements Associate With Standard Bulbs

POWERRAIL

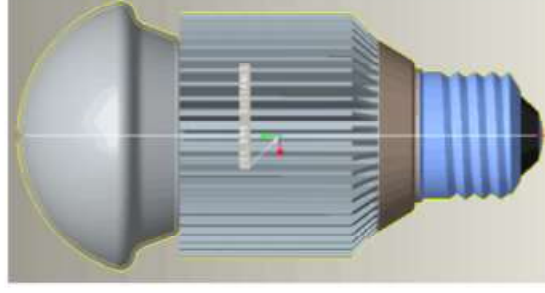
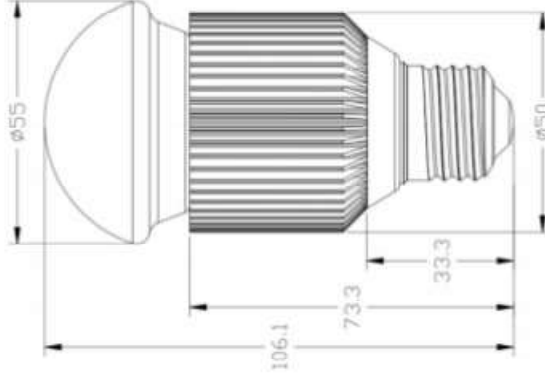
205 Clark Road
Duryea, PA 18642
Phone: 570-883-7005
Fax: 570-883-7006
Sales@EPowerRail.com





www.PowerRail.Com

Operating Voltage	75V DC
Operating Wattage	6-watts
Beam Spread	270°V - 360°H
EMI Emission	No Interference
Operating Condition	-40°C to +85°C
Life	50,000hrs 70%
Body	Aluminum Alloy
Lens	Heavy Duty PC
Base	E26/E27 Medium
Weight	110 grams
Operation	Voltage Range 50 to 80 Volts DC
Reverse Polarity	Protected
AC Voltage	Will Not Operate on AC Voltage
Ingress Protection	IP67
Average Lumen Output	545
Color Temperature	3000K



Universal Operation in Locomotives

Rough Service Bulb

Part # RS50A19LED-6WLL (AAR 6Watt)



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Code No. SLS 7B
Dimensions are in Millimeters

DRAWN: BZ	DATE: 09-02-2015
CHECKED: JM	DATE: 09-02-2015
QA: TZ	DATE: 09-10-2015
MFG: GK	DATE: 09-14-2015
APPROVED: AM	DATE: 09-15-2015

RoHS Compliant
Producers of electrical and electronic equipment are not able to place on the market products that contain six "banned" substances unless specific exemptions apply. These six substances are: Lead (Pb), Mercury (Hg), Hexavalent chromium (Cr(VI)), Cadmium (Cd), Polybrominated biphenyl flame retardants (PBB), and Polybrominated diphenyl ether flame retardants (PBDE)

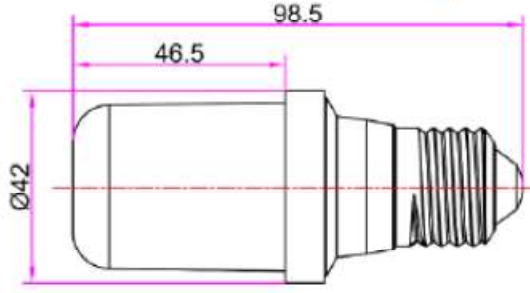
Rev. 0



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Lamp Characteristics

Operating Voltage	75V DC
Rated Wattage	3-watts
Beam Spread	360°
EMI Emission	No Interference
Operating Condition	-25°C +85°C
Life	50,000hrs 70%
Body	Aluminum + Plastic
Base	E26/E27 Medium
Weight	95 grams
Operation	Voltage Range 50 to 80 Volts DC
Reverse Polarity	Protected
AC Voltage	Will Not Operate on AC Voltage
Average Lumen Output	310 Lumens
Color Temperature	4000K



**Part# RS50A 19LED-3WCORN
(Corn Style)**

Warranty: 5 years

Locomotive Number Board LED Lamp

IP 67 Rating – Water Tight



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Code No. SLS 8B

Dimensions are in Millimeters

DRAWN: BZ	DATE: 12-15-2015	RoHS Compliant Producers of electrical and electronic equipment are not able to place on the market products that contain six "banned" substances unless specific exemptions apply. These six substances are: Lead (Pb), Mercury (Hg), Hexavalent chromium (Cr(VI)), Cadmium (Cd), Polybrominated biphenyl flame retardants (PBB), and Polybrominated diphenyl ether flame retardants (PBDE)
CHECKED: JM	DATE: 12-17-2015	
QA: TZ	DATE: 12-10-2015	
MFG: GK	DATE: 09-14-2015	
APPROVED: AM	DATE: 12-15-2015	
		3/22/2016 Add Clear Cover
		3/22/2016 Add "C" to P/N and BOM
		8/15/2016 Change body from plastic to Aluminum
		8/15/2016 P 67 Rating

Rev: 2