

PAR56

DIV-PAR56-75VDC
SMART LAMP

Applications

Locomotive Headlight
Locomotive Ditchlight



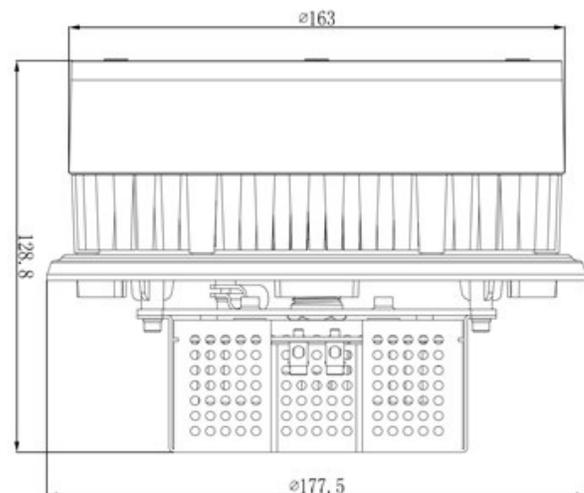
Specifications

Base Options	Fits EMD and GE Diesel
External Driver	Not Required
Dimmable	YES, High and Low Beam
Operating Voltage	75VDC, +Custom voltages
Materials	Plate Glass Front, Cast Metal Base
Rated Life	60,000 hours
Weight	2.229 Kilograms
Size / Measure	Diameter: 177.5mm Length: 128.8mm

Safety / Reliability

Our PAR 56 Smart Lamp will strobe for 5 minutes upon power up, if and when the lamp determines that it is operating below regulatory requirements of 200,000 candela for luminance. This provides a visual indication of failure and required maintenance. Additionally, this allows for continuation of the current mission.

Power Consumption	55W
LED Configuration	7 LED
Color/Brightness	Warm White: 3000lm Cool White: 5000lm 260,000+ candela at center beam 16,000 candela at 7 degrees 500 candela at 20 degrees



For additional product information, please contact us.

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PAR56

DIV-PAR56-75VDC

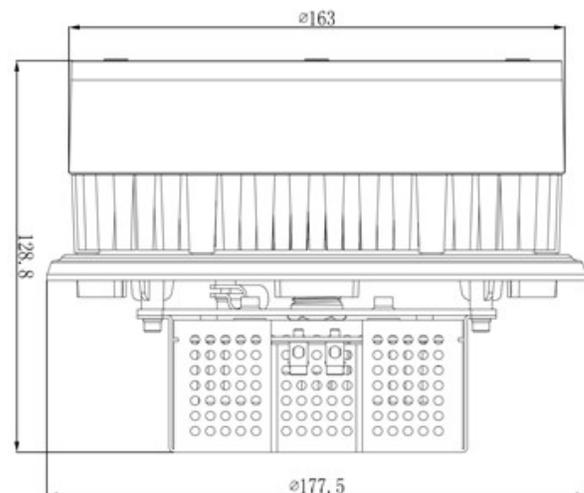
Applications

Locomotive Headlight
Locomotive Ditchlight



Specifications

Base Options	Fits EMD and GE Diesel
External Driver	Not Required
Dimmable	YES, High-Med-Low
Operating Voltage	75VDC, +Custom voltages
Materials	Plate Glass Front, Cast Metal Base
Rated Life	60,000 hours
Weight	2.229 Kilograms
Size / Measure	Diameter: 177.5mm Length: 128.8mm
Power Consumption	55W
LED Configuration	7 LED
Color/Brightness	Cool White: 5000lm 260,000+ candela at center beam 16,000 candela at 7 degrees 500 candela at 20 degrees



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PAR-46 LED HEADLIGHT

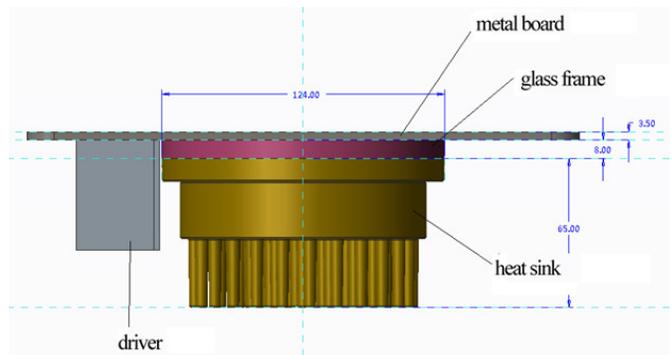
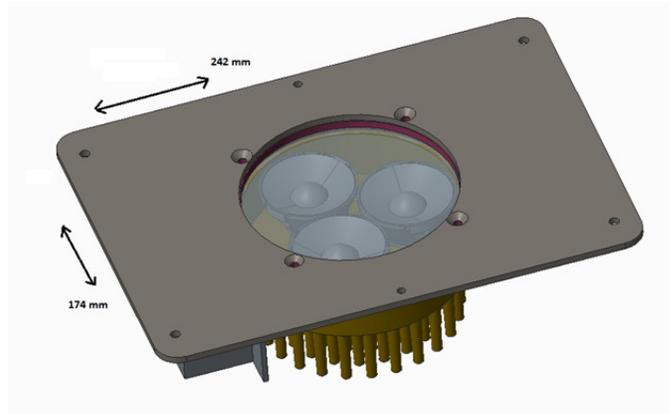
DIV-PAR-46-(24/110)

Applications

- ▶ PAR-46 Headlight for Locomotives

Specifications

Driver	Included
Operating Voltage	110VDC or 24VDC
Lighting Angles	EU compliant
Materials	Aluminum / Plate Glass
Rated Life	50,000+ hours
Operating Temp	-40 to 60 Celsius
Size / Measure (mm)	



Power Configurations

Power Consumption	15W
LED Configuration	3 LED
Brightness / Color	60,000 Candelas

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Red Locomotive LED Marker Light

DIV-PAR46-60-2R-LED

Replacement for the typical halogen PAR60-2R

Uses 4.8W opposed to 60W

Applications

- ▶ Locomotive Marker Light

Optical Features

Color	Red
LED Wavelength	660 nm
Light Intensity	Exceeds 100 Candles Industry Standard
Color Options	White, Yellow, Blue, Green
Light Direction	Front
Base	Screw Terminal
Warranty	3 years

Minimum 100 candlelight output throughout the entire voltage range

Electrical Features

Operating Voltage Range	10 to 85 VDC
Voltage Protection	Breakdown Voltage - VBD 120 VDC Surge Current (IRMS) - 9.1ARMS Peak Power - 1500W
Inverse Voltage Protection	Non-Polarized
Connection	As per Customer Requirement

Specifications

Primary Application	Train, Locomotive
Volts	10-85VDC
Watts	4.8W
Measurements	Typical PAR46 measurements
LED Quantity	72
Base	Screw Terminal
Warranty	3 years



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GLOBE – UNIVERSAL Locomotive LED

DIV-UG-6W-75VDC

Applications

- ▶ Indoors / Cabin
- ▶ Outdoor Step and Ground light
- ▶ Number Boards
- ▶ Watertight

Specifications

Driver	Not Required
Operating Voltage	75VDC (or custom)
Lighting Angles	360 degree Axial
Materials	Aluminum / PVC
Rated Life	50,000 hours
Operating Temp	-30 to 60 Celsius
Size / Measure	BC22 and BA15d also available

Diameter: 55mm

Length: 100mm - E27

Power Configurations

Power Consumption	6W
LED Configuration	SMD LED
Color/Brightness	Cool White: 540lm <i>All colors available</i>



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8W Semi-Globe - Rail

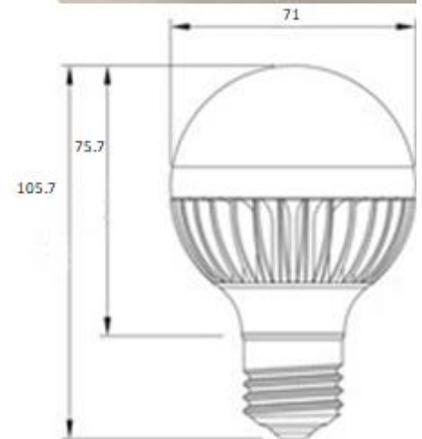
Model : DIV-SG-8W-70-170VDC

Applications

- ▶ Indoors
- ▶ Cabin
- ▶ Outdoor

Specifications

Operating Voltage	70-170VDC
Base Options	E26/27, BC22,
Materials	Aluminum / PVC
Rated Life	>50,000 hours
Operating Temp	-30 to 60 Celsius
Size / Measure	71x105.7mm
Light Angles	180 degree
Power Factor	>0.95



Power Configurations

Power Consumption	8W
Color/Brightness	930lm Cool White 5000K

Contact us for custom colors

For additional product information, please contact us.

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6W Wide Globe - Rail

DIV-WIDEGLOBE-6W-RAIL

Applications

- Indoors
- Outdoor Undercover

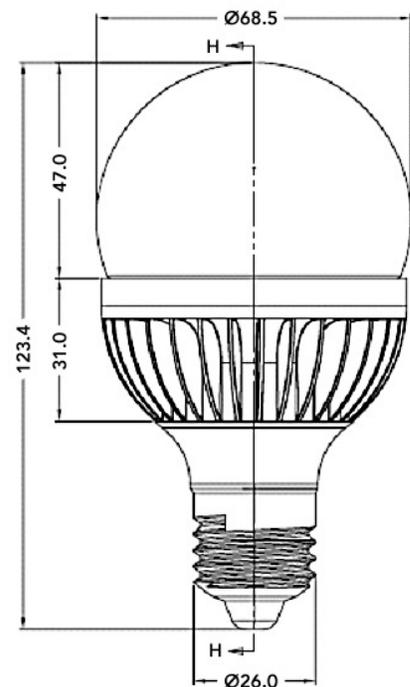
Specifications

Base Options	E26, E27
External Driver Required	Not Required
Dimmable	No
Operating Voltage	75V DC
Materials	Aluminum and PVC/Acrylic
Lighting Angles	280°
Power Factor	> 0.95
Rated Life	50,000 hours
CRI	>75
Weight	130 grams
Measurements	Ø68.5x123.4mm

Power Configurations (Detail)

Power Consumption	6W
LED Configuration	
Chip Manufacturer	Kingbright
Colour/Brightness*	Cool White - 550+ lm

*Other colours and customisations available. Please contact us for details.



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6W Semi Globe - Rail

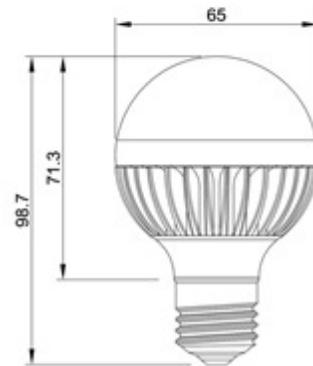
DIV-SG-6W-75VDC

Applications

- ▶ Indoors / Cabin
- ▶ Outdoor

Specifications

Driver	Not Required
Base Options	E26/27, BC22
Power factor	>0.95
Operating Voltage	60-90VDC,(wider available)
Lighting Angles	180 degree
Materials	Aluminum / PVC
Rated Life	50,000 hours
Operating Temp	-30 to 60 Celsius
Size / Measure	Ø65x98.7mm



Power Configurations

Power Consumption	6W
LED Configuration	20 LED
Color/Brightness	Cool White: 560lm <i>All colors available</i>

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Corn Cobb Locomotive LED

DIV-CC-6W-75VDC

Applications

- ▶ Indoors / Cabin
- ▶ Outdoor Undercover
- ▶ Number Boards

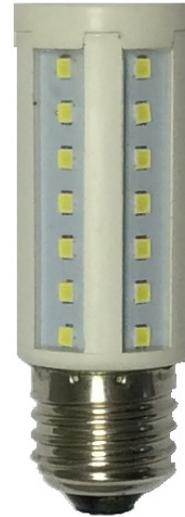
Specifications

Driver	Not Required
Operating Voltage	75VDC
Lighting Angles	360 degree Axial
Materials	Aluminum / PVC
Rated Life	50,000 hours
Operating Temp	-30 to 60 Celsius
Size / Measure	

Diameter:	32mm
Length / base type:	86.5mm - Ba15d 90.0mm - E27 91.0mm - BC22

Power Configurations

Power Consumption	6W
LED Configuration	42 SMD LED
Color/Brightness	Cool White: 540lm <i>All colors available</i>



For additional product information, please contact us.

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Corn Cobb

DIV-CC-3W RAIL

Applications

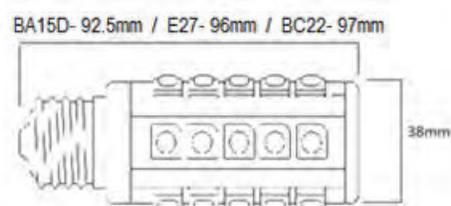
- ▶ Indoors / Cabin
- ▶ Outdoor Undercover
- ▶ Number Boards

Specifications

Base Options	E26, E27, Ba15d, BC22
External Driver	Not Required
Dimmable	No
Operating Voltage	12V, 24V, 75VDC, 110VAC +Wider voltages
Lighting Angles	360 degree
Materials	High Test Plastic, Metal Base
Rated Life	50,000 hours
Weight	70 grams
Size / Measure	Diameter: 38mm Length: 92.5mm - Ba15d 96.0mm - E27 97.0mm - BC22

Power Configurations

Power Consumption	3W
LED Configuration	54 LED
Color/Brightness	Cool White: 270lm <i>All colors available</i>



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Locomotive LED Lamp

DIV-MCC60

Applications

- ▶ In Cab / Signal Tower / Engineer Reading lamp
- ▶ 30Watt 'short' bayonet replacement

Specifications

Base Options	BA15d
External Driver	Not Required
Dimmable	No
Operating Voltage	12V, 24V, 75V
Lighting Angles	360 degree
Materials	Aluminum Alloy, PVC
Rated Life	40,000 hours
Working Temp	-20°C ~ +50°C
Size / Measure	Ø25x55mm / 60mm (long neck available)



Power Configurations

Power Consumption	3.2W
LED Configuration	60 x SMD
Color/Brightness	Cool White: 300lm

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Swivel LED Reading Light

DIV-SWIVEL-READING-3W

Applications

- ▶ Indoors
- ▶ Ultra Rugged Indoor



Specifications

Base Options	Fixture (included)
External Driver Required	Yes
Dimmable	Yes
Operating Voltage	75V DC
Materials	Aluminum w/ Rugged Components
Lighting Angles	45°
Rated Life	50,000 hours
Working Temperature	-40°C ~ +85°C
Measurements	Ø90x45mm

Power Configurations (Detail)

Power Consumption	3W
LED Configuration	
Chip Manufacturer	
Colour/Brightness*	Warm White - 200lm Cool White - 200lm

*Other colours and customisations available. Please contact us for details.

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BetterLED 6V Lantern Refit Bulb

DIV-LANTERN-BETTERLED

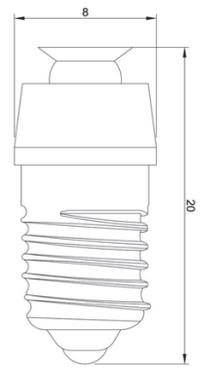
Applications

- Torch / Lantern Lighting
- Security and Inspection Lighting



Specifications

Base Options	PR, Edison
External Driver Required	Not Required
Dimmable	No
Operating Voltage	6V
Materials	Aluminum and Ceramic
Power Factor	> 0.95
Rated Life	50,000 hours
CRI	>75
Weight	10 grams
Measurements	Ø8x20mm



Power Configurations (Detail)

Power Consumption	1W
LED Configuration	1x1W
Chip Manufacturer	EVERLIGHT
Colour/Brightness*	Pure White - 80lm

**Other colours and customisations available. Please contact us for details.*

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Nato 3V Flashlight LED Refit Bulb

DIV-LANTERN-NATO

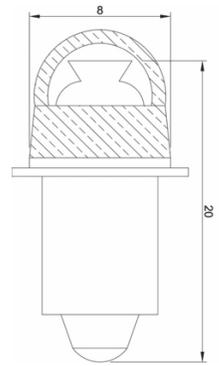
Applications

- Torch / Lantern Lighting
- Security and Inspection Lighting



Specifications

Base Options	PR, Edison
External Driver Required	Not Required
Dimmable	No
Operating Voltage	3V
Materials	Aluminum and Ceramic
Power Factor	> 0.95
Rated Life	50,000 hours
CRI	>75
Weight	10 grams
Measurements	Ø8x20mm



Power Configurations (Detail)

Power Consumption	1W
LED Configuration	1x1W
Chip Manufacturer	EVERLIGHT
Colour/Brightness*	Pure White - 80lm

**Other colours and customisations available. Please contact us for details.*

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