



Locomotive Lighting Catalog

LOCOMOTIVE LIGHTING PRODUCTS

The right locomotive lighting provides more than convenience and ambience; it's a safety issue with high-stakes consequences for operators and passengers. Poor illumination can lead to accidents, injuries and loss of life with costly implications so making sure locomotives have the right lighting solution is imperative. Amglo continues to lead in halogen and LED technology for the railroad and commuter rail industry with lamps that are the most reliable offering in the industry. All Amglo products are FRA compliant and 100% Q.C. inspected.

Amglo Locomotive Lighting: PAR Series Halogen Lamps

Amglo's PAR Series Halogen Locomotive lamps provide operating flexibility with a wide range of operating temperatures (-40°C to 70°C) that makes it possible to deploy your locomotive anywhere in the US or Canada. Focused beam angle of 10 degrees improves light down the track for enhanced safety and visibility. The PAR Series boasts an increased bulb life over incandescent of 4,000 hours versus 500 hours, reducing replacement for an enhanced operating cost, improved safety and reduced maintenance cost to keep your locomotive in service.

- FRA compliant
- Over 5,000 hours of service life
- Up to 8X longer lamp life than incandescent
- Highly engineered unique glass composition provides optimal thermal flexibility
- Robust filament design withstands vibration throughout life
- No filament sag or beam wander
- Reduced maintenance costs significantly due to fewer lamp change-outs
- Maintains a minimum of 200,000 candela output



PAR46 60W AHQA4638V60WJSS

SPECIFICATIONS	
Lamp type	Quartz Halogen Sealed Beam
Bulb	PAR46
Base	Screw Terminal
Primary Application	Head Light
Filament	C2V Supported
Product Technology	Halogen
Average Life (HRS.)	3,000

DIMENSIONS	
Maximum Overall Length (NOM)	3.75"
Bulb Diameter (DIA) (NOM)	5.75"

ELECTRICAL CHARACTERISTICS	
Wattage (NOM)	60W
Voltage (NOM)	38V

PHOTOMETRIC CHARACTERISTICS	
Center Beam Candlepower (CBCP) (NOM)	30,000

PAR56 200W AHQV5630V200WCS

SPECIFICATIONS	
Lamp type	Quartz Halogen Sealed Beam
Bulb	PAR56
Base	Screw Terminal
Primary Application	Head Light
Filament	CC-8
Product Technology	Halogen
Average Life (HRS.)	2,000

DIMENSIONS	
Maximum Overall Length (NOM)	4.20"
Bulb Diameter (DIA) (NOM)	7.00"

ELECTRICAL CHARACTERISTICS	
Wattage (NOM)	200W
Voltage (NOM)	30V

PHOTOMETRIC CHARACTERISTICS	
Beam Spread - Horizontal	20 and 7
Max. Beam Candlepower (MBCP) (MAX)	200,000

PAR56 350W AHQV5675V350WCS

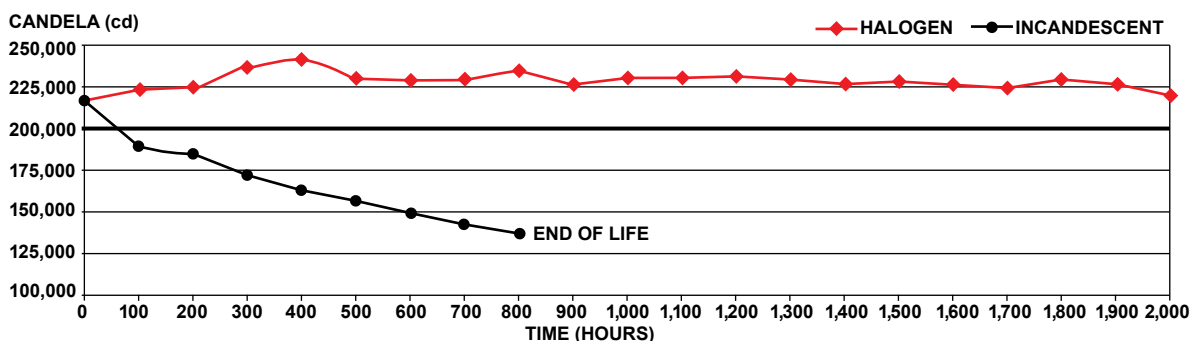
SPECIFICATIONS	
Lamp type	Quartz Halogen Sealed Beam
Bulb	PAR56
Base	Screw Terminal
Primary Application	Head / Auxillary Light
Filament	CC-8
Product Technology	Halogen
Average Life (HRS.)	4,000

DIMENSIONS	
Maximum Overall Length (NOM)	4.20"
Bulb Diameter (DIA) (NOM)	7.006"

ELECTRICAL CHARACTERISTICS	
Wattage (NOM)	350W
Voltage (NOM)	75V

PHOTOMETRIC CHARACTERISTICS	
Beam Spread - Horizontal	20 and 7
Center Beam Candlepower (CBCP) (NOM)	200,000

350 W INCANDESCENT VS. HALOGEN LAMP MAINTENANCE CURVE



Amglo Locomotive Lighting: All Purpose LED A19

The Amglo All Purpose LED locomotive lamp, A19, is the perfect choice for use on diesel and electric locomotives. The A19 lamp operates in a wide range of operating temperatures (-40°C to 70°C) to provide the flexibility to deploy your locomotive anywhere in the US or Canada. This is especially beneficial when lighting is used in the engine room compartment of the locomotive. Additional benefits include increased uptime and reduced maintenance costs and PVC/acrylic construction that equates to longer bulb life.

- Wide range beam angle of 270 degrees improves light distribution throughout the locomotive for improved safety and visibility
- CCT of 6,000K provides brighter whiter light making the Amglo A19 one of the brightest bulbs on the market creating improved visibility and operating safety
- Meets and exceeds EMI standard S-9401 for eliminating radio transmission interruption, improving productivity and safe operation
- Lighter weight construction (only 98 grams / .22 lbs.) means less vibration and less likely to come loose in the fixture resulting in overall locomotive uptime, productivity and improved service
- Increased bulb life over incandescent: 50,000 hours versus 1,000 hours reduces replacement and improves operating cost
- Unique fail open design isolates electrical issues from the rest of the locomotive eliminating the possibility of shutting down the locomotive and reducing costly restarts and delays



AK-6WLL-AC/DC

SPECIFICATIONS	
Lamp type	LED
Bulb	A19 / A60
Base	E26 Screw Base
Primary Application	Number Plate/ Engine Room
Filament	LED Chip
Product Technology	LED
Average Life (HRS.)	50,000

DIMENSIONS	
Maximum Overall Length (NOM)	4.5"
Bulb Diameter (DIA) (NOM)	2.38"

ELECTRICAL CHARACTERISTICS	
Wattage (NOM)	6W
Voltage (NOM)	75V

PHOTOMETRIC CHARACTERISTICS	
Beam Spread - Horizontal	270
Max. Beam Candlepower (MBCP) (MAX)	600

PRODUCTS

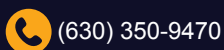
AMGLO PART #	GE PART #	PROGRESS RAIL / EMD PART #	VOLTS	WATTS	INITIAL BEAM CANDLEPOWER	AVERAGE LIFE (HRS.)
AHQV5630V200WCS	20122 / 41A210446P1	8156001	30	200	200,000	2,000
AHQV5675V350WCS	19866 / 41A210446P6	6961711	75	350	200,000	4,000
AHQA4638V60WJSS	17207	—	38	60	30,000	3,000
AHQA4638V60WJCS	35310	—	38	60	50,000	3,000
AHQA4638V60WJPM	17210	—	38	60	30,000	3,000
AK-6WLL-AC/DC	—	—	75	6	600	50,000
350PAR56/SP	19866	—	75	350	200,000	500
200PAR56 30V	20122	8156001	30	200	200,000	300



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