



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 |
| Rated Life (NOM) | 3,000 hrs |

| 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 |
| Rated Life (NOM) | 2,000 hrs |

| 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

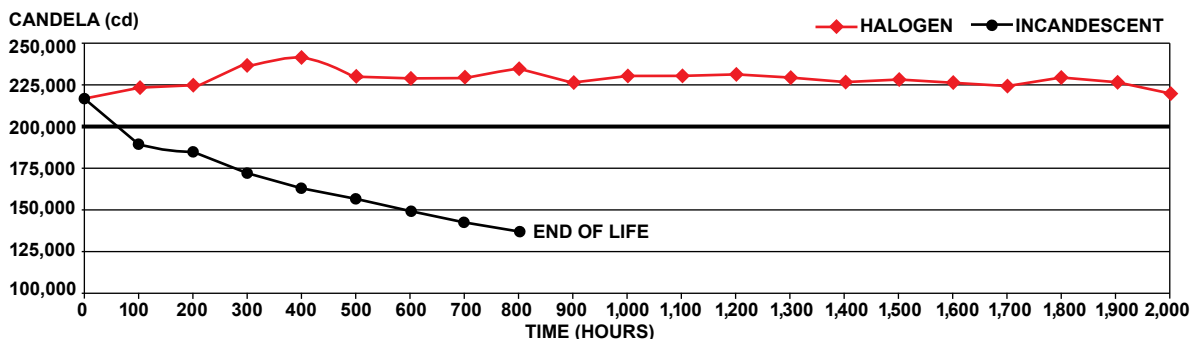
| SPECIFICATIONS | |
|---------------------|----------------------------|
| Lamp type | Quartz Halogen Sealed Beam |
| Bulb | PAR56 |
| Base | Screw Terminal |
| Primary Application | Head / Auxillary Light |
| Filament | CC-8 |
| Product Technology | Halogen |
| Rated Life (NOM) | 4,000 hrs |

| 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 |
| Rated Life (NOM) . | 50,000 hrs |

| 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 | AMGLO RATE LIFE |
|-----------------|---------------------|----------------------------|-------|-------|--------------------------|-----------------|
| 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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