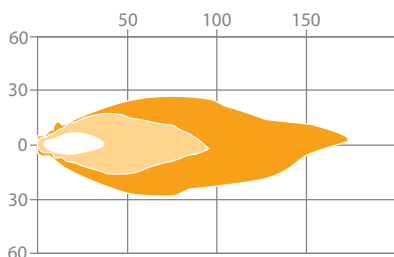


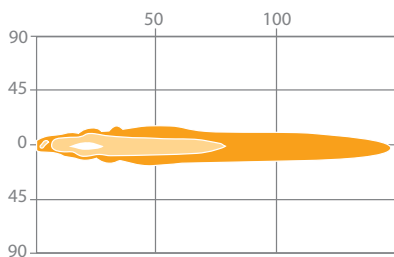
Speaker A90 LED Headlights



Lux: 20 12 7 3.5 1



Low Beam RHT



High Beam

Description

The Model 90 LED headlights are designed as upgrades from stock bulb-based 90mm lights commonly found on buses, trucks, and motor coaches. Each Model 90 features a heavy-duty housing, UV-resistant lens, and the latest in solid-state optics. They are designed to be drop-in bus LED headlight replacements for stock 90mm lights.

Features and Benefits

- Retrofits standard 90mm projector headlights
- Easy installation and low maintenance
- Low profile mount
- 45,000 max. candela output (high beam); 17,500 max. candela output (low beam)
- Available in a 12-24V DC configuration
- UV-resistant polycarbonate lens
- Rugged solid state LEDs can withstand shock & vibration
- Long-lasting LEDs mean never having to replace another bulb again!
- Die-cast aluminium housing provides maximum protection
- High beam comes with integrated front position light and complies with FMVSS 108 UB6 when operated in conjunction with a low beam

Applications

Construction, industrial, agricultural, military, off-highway, on-highway, recreational, truck and bus

Tech Specs

Type	LED
Color Temperature	5000°K
Candela/Lumens	DOT/ECE High beam headlight (A90-12/24V HB) 45,000 Candela DOT/ECE RHT Low beam headlight (A90-12/24V LB) 1,910 Lu (raw Lumens), 575 Lu (effective Lumens)
Beam Pattern	DOT/ECE High beam headlight (A90-12/24V HB) Forward Lighting - High Beam, Signalization - Front Position DOT/ECE RHT Low beam headlight (A90-12/24V LB) Forward Lighting - Low Beam
Wattage	DOT/ECE High beam headlight (A90-12/24V HB) - 9.7W DOT/ECE RHT Low beam headlight (A90-12/24V LB) - 23.6W
Current Draw	DOT/ECE High beam headlight (A90-12/24V HB) 0.80A @ 12V DC (High Beam) 0.40A @ 24V DC (High Beam) 0.40A @ 12V DC (Front Position) 0.20A @ 24V DC (Front Position) DOT/ECE RHT Low beam headlight (A90-12/24V LB) 1.97A @ 12V DC 0.98A @ 24V DC
Voltage	12-24V DC multi
Operating Temperature	-40°C to +65°C
Certifications	FMVSS 108 Table XIX, ECE Reg 112
Lens	Clear polycarbonate
Housing	Die-cast aluminium
Mounting	Low profile mount, 3 x ball & socket
Weight	1.30 (lbs) / 0.59 (kgs)
Dimensions (DxWxH)	3.56x4.27x4.27" (90.3x108.5x108.5mm)

Part No.	Description
A90-12/24V LB	Speaker A90 Series 12-24V DOT/ECE RHT LED Low Beam Headlight
A90-12/24V HB	Speaker A90 Series 12-24V DOT/ECE LED High Beam Headlight with Front Position

Authorised Importer and Master Distributor

