



US Patent #7,160,004 #7,604,384 others pending

## 4"x6" LED Headlamps

### Certifications & Ratings

- SAE / DOT Compliant
- FMVSS108 Visual Aim

### Features & Benefits

- 7 year limited warranty
- Expected life > 10 Years
- No frequent relamping
- Protection against over-voltage / surge / spikes
- Less prone to alignment errors
- Wide beam pattern
- Industry first reflector based design
- Weatherproof design

Part Numbers	Description
HLC434CB	4" x 6" LED low beam
HLB424CB	4" x 6" LED high beam



### Application:

Dialight's new SAE/DOT FMVSS108 Compliant 4"x6" LED low-beam headlamp is designed for mass transit vehicles and commercial trucks. With its dual voltage capabilities (12 and 24V), it will easily replace any 4"x6" halogen low-beam light in the market as a retrofit without any need for retooling.

All of Dialight's long life LED luminaires are designed to meet the most demanding specification criteria while offering maximum energy savings, reduced maintenance costs, and a superior quality of light.

### Electrical specifications

**Operating Voltage:** 12V and 24V Dual Voltage System

#### Low beam

**Power Consumption:** 14 Watts

**Current Draw @ 12VDC:** 1.2amps

**Current Draw @ 24VDC:** .58amps

#### High Beam

**Power Consumption:** 21 Watts

**Current Draw @ 12VDC:** 1.75amps

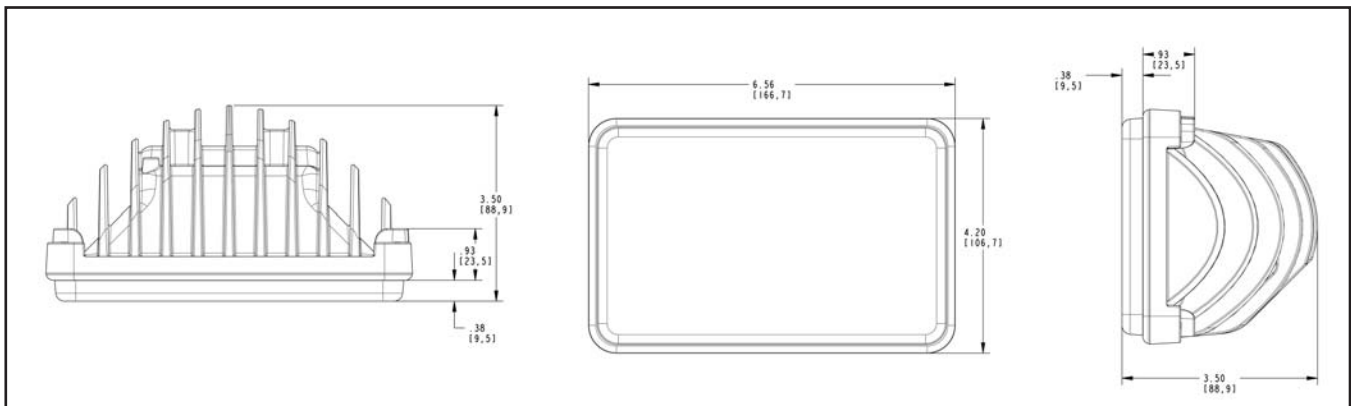
**Current Draw @ 24VDC:** .88amps

### Material

**Housing:** Black aluminum alloy diecast

**Lens:** Hard coated polycarbonate lens

**Reflectors:** Metalized reflectors



Dialight reserves the right to make changes at any time in order to supply the best product possible.

The most current version of this document will always be available at:

[http://www.dialight.com/Assets/Brochures\\_And\\_Catalogs/Signaling/MDTB46HX001.pdf](http://www.dialight.com/Assets/Brochures_And_Catalogs/Signaling/MDTB46HX001.pdf)

MDTB46HX001\_C