

HALC

Headlights & Auxiliary Lights LED Controller

The HALC is a Headlights and Auxiliary lights LED Controller specifically designed for railroad applications. This highly reliable unit provides four (4) independent outputs for PAR56 LED lamps: two (2) headlights and two (2) auxiliary lights.

The HALC regulates the dimming of the headlights and flashing of the auxiliary lights while managing the lamps.



HALC1 shown

SERVICE PROVEN

HALC | Bombardier | Bi-Levels Cab Car | Go Transit
Toronto, ON, Canada

HIGHLIGHTS

- Controls both headlights and auxiliary lights on a cab car
- Natural convection cooling
- Energy savings
- Modular design allows customizing to any exterior lighting requirement
- Provides all the control features needed to meet the 49CFR (Part 229.125) auxiliary lights requirements

MODELS & FEATURES

Part Number Base	HALC1	HALC2	HALC3	HALC4	HALC5
37.5V_{DC} / 72V_{DC} Operating Voltage	X	X	X	X	X
Inputs	5	5	5	8	6
Status Outputs	2	2	2	6	3
LED PAR56 80W Lamp	4	4	4	4	4
Headlight DIM	X	X	X	X	X
Dedicated DIM Output	X	-	-	-	-
For lamps without embedded controllers	-	X	-	-	-
Embedded resistor for dimming	-	-	X	-	-
Configurable	-	-	-	X	-
Length x Height Depth 17.00" X 5.45" X 5.00"	X	X	X	X	X

X = Included, O = Optional, F = Factory Selectable