

ACCUTRACK PRODUCT SOLUTIONS
AURORA™ 12" and 8" LED Retrofit Highway Crossing Signals



AURORA™ Complete 8" Crossing Signal showing side signal

The **AURORA 8" LED** light source, or LED lamp unit, measures 8" in diameter. It is a self contained unit; the lens and individual LEDs are not replaceable. The 8" LED lamp unit is a sealed unit that includes a high impact, UV stabilized, outer lens and separate white sidelights. A regulated power supply maintains constant light output during supply voltage variation. The unit contains two side-lights, one on each side of the signal. The front LEDs are red and the side-light LEDs are white. For more information refer to manual P2468 and instructions P2468-IS2.

Features

8" AURORA 160

- Has 160 LEDs (850 candela intensity on axis)
- Is designed to be a direct replacement for incandescent bulbs, LED boards, or LED modules that fit inside an 8 3/8 inch railway crossing signal
- Contains two side-lights, one on each side of the signal, each containing 12 white LEDs
- Is compatible with standard "8 inch" signal housings

Specifications

Data	AURORA 160 (8 inch)	AURORA 160 (12 inch)	AURORA 300 (12 inch)
Operating Voltage	8 to 20 VDC or 8 to 16 VAC	8 to 20 VDC or 8 to 16 VAC	8 to 20 VDC or 8 to 16 VAC
Current (Nominal)	1.0 Amps at 10 VDC 1.1 Amps at 10 VAC	1.0 Amps at 10 VDC 1.1 Amps at 10 VAC	1.2 Amps at 10 VDC 1.3 Amps at 10 VAC
Typical Power Consumption	10 Watts at 10 VDC 11 Watts at 10 VAC	10 Watts at 10 VDC 11 Watts at 10 VAC	12 Watts at 10 VDC 13 Watts at 10 VAC
Dominant Wavelength	630 NM	630 NM	630 NM
Peak Intensity	850 Candela	850 Candela	1600 Candela
Temp. Range	-40° C to + 70° C	-40° C to + 70° C	-40° C to + 70° C
Operating	-55° C to + 85° C	-55° C to + 85° C	-55° C to + 85° C
Storage			

Performance

Parameter	Standard
Environmental Requirements	• AREMA Standard Class B • MIL-STD 810
IP Rating	IP65
Electronic Noise	Meets AREMA Standard
Photometric Requirements	Transport Canada Standard

For more information
 please contact Alstom Signaling:

 Alstom Signaling
 1025 John Street
 West Henrietta, NY 14586
 Phone: 1-800-717-4477

 Visit us online:
www.alstomsignaling.com



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