

Aurora™ 12" Highway Crossing Retrofit Kits

Aurora 300

Features

- Brightest signal available in the market — 1600 cd on axis
- Regulated power supply — LED unit emits contest light output even at low voltage levels
- Separate white side lights for better viewing
- Can be used in housing of any highway crossing signal available in the market

Aurora 160

Features

- Low Acquisition Cost
- High intensity levels — 830 cd on axis
- Separate white side lights for better viewing
- Regulated power supply helps emit constant light output even at low voltage levels
- Can be used in housing of any highway crossing signal available in the market



OPERATING SPECIFICATIONS

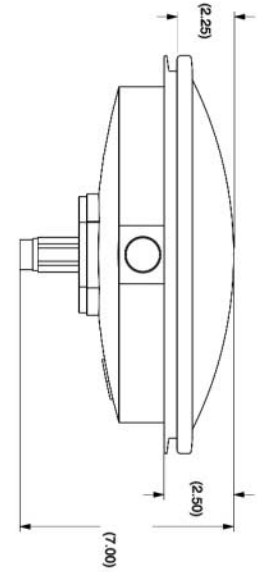
Parameter	Aurora 160	Aurora 300
Operating Voltage Range	8V-20 VDC 8V-17 VAC	8V-20 VDC 8V-17 VAC
Power Factor	>90%	>90%
Nominal Current Drawn (@ 10V DC)	0.75 Amps	1.2 Amps
Typical Power Consumption	7.5 W	12 W
Peak Intensity on Axis (candelas)	830 cd	1600 cd

PERFORMANCE STANDARDS

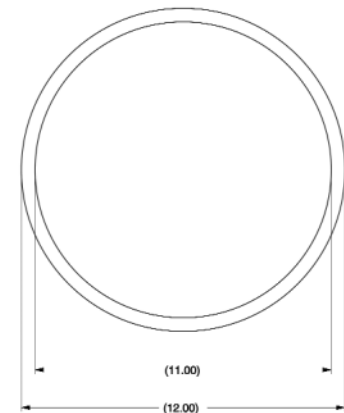
Parameter	Standard
Vibration (X, Y and Z axis)	<ul style="list-style-type: none"> • 2001 AREMA Standard • MIL-STD 810F
Operating Temperature	-40°C to 70°C
IP Rating	IP65
Electronic Noise	Meets AREMA Spec
Storage Temperature	-55°C to 85°C

DIMENSIONS

SIDE VIEW

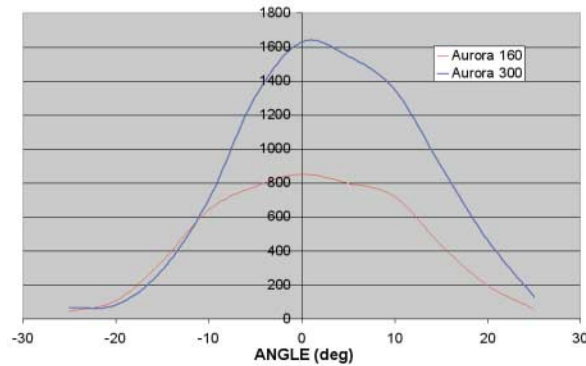


FRONT VIEW



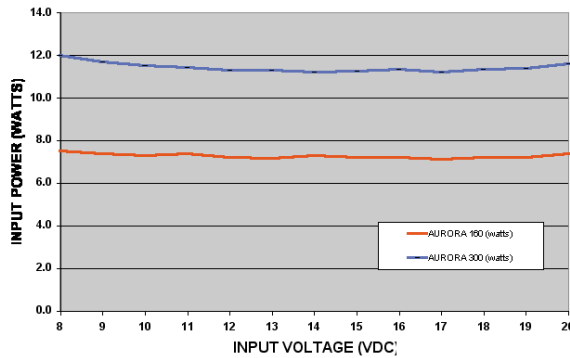
Photometric Characteristics

LAMP OUTPUT vs. ANGLE



Power Consumption

INPUT POWER vs. INPUT VOLTAGE



ORDERING INFORMATION

Drawing Number	Product Name	Description
59649-200-02	Aurora 160	12-inch Aurora Highway Crossing Signal Retrofit Kit
59649-200-03	Aurora 300	Ultra bright 12-inch Aurora Highway Crossing Signal Retrofit Kit

