

# Lighting Controller Products

## Description

Astronics - AES family of Lighting Controller products provides aircraft manufacturers and operators with a highly reliable and rugged solution for precise lighting control on aircraft interiors. Astronics AES Lighting Controllers are available for a variety of aircraft ranging from military aircraft to commercial passenger jets and control all types of lighting from incandescent to electroluminescent to LED.



F-22 Lighting Controller

Astronics - AES Lighting Controllers are built on a 30-plus year heritage of controls with over 10,000 units sold and are designed with advanced features to ensure safe and reliable operation.

Astronics - AES continues to develop lighting controls and systems utilizing state of the art technologies to lower weight, volume, and cost of lighting systems while increasing reliability. Astronics - AES has developed in-depth knowledge and experience with flight deck lighting systems. Astronics - AES has particular strength with mixed lighting technologies, such as LED and incandescent, where dimming curves must be matched. Built-in test equipment (BITE) options provide added diagnostic capability to reduce downtime in the event of a malfunction.

## Lighting Controller Products

Part Number	Aircraft	Features
1024	B777, B737NG	<ul style="list-style-type: none"> <li>▪ Controls flight deck lighting</li> <li>▪ Matched LED and incandescent lamp control curves</li> <li>▪ Up to 10 dimmers can be connected together and controlled from a single source</li> <li>▪ Input Power: 115VAC, 400Hz</li> <li>▪ Output Power: 0 to 5.5 VAC (5.0 &amp; 6.0 also avail.), 50 VA max</li> </ul>
262, 263, 264	B717, DC10/MD11, MD80/90, AVRO RJ/RJX	<ul style="list-style-type: none"> <li>▪ Controls flight deck lighting</li> <li>▪ Incandescent lamp control</li> <li>▪ Input Power: 115VAC, 400Hz</li> <li>▪ Output Power: 0 to 6 VAC, 75 to 500 VA max</li> </ul>
1076	F-22	<ul style="list-style-type: none"> <li>▪ Controls cockpit lighting</li> <li>▪ Night vision imaging system (NVS) compatibility</li> <li>▪ 15 channels of electroluminescent and incandescent lamp control</li> <li>▪ Input Power: 115VAC, 400Hz</li> </ul>
1015	F-16	<ul style="list-style-type: none"> <li>▪ Controls light intensity of center console instruments</li> <li>▪ Night vision imaging system (NVS) compatibility</li> <li>▪ Incandescent lamp control</li> <li>▪ Microprocessor based programmed dimming curves</li> <li>▪ Input Power: 115VAC, 400Hz</li> <li>▪ 10 channels of 5.35 VAC maximum output at 2 amps</li> </ul>
779 through 789	C-17	<ul style="list-style-type: none"> <li>▪ Cockpit and cargo bay incandescent lamps</li> <li>▪ Exterior electroluminescent lamps</li> <li>▪ 10 configurations used in 49 locations</li> <li>▪ Input Power: 115VAC, 400Hz or 28VDC</li> <li>▪ Output Power (max) 115VAC @ 50 to 750VA</li> </ul>

# ASTRONICS

ADVANCED ELECTRONIC SYSTEMS

9845 Willows Road N.E. • Redmond, WA 98052-2540 USA  
PHONE: 425-881-1700 • FAX: 425-702-4958