



LC0300

Light Controllers,
approved for Airbus single aisle, long
range and A380 aircraft

AES  

LC0300



a) LC0300-000: 115 V AC | 30 W



b) LC0300-001: 28 V DC | 140 W



c) LC0300-002: 115 V AC | 140 W

Key features

Electrical

- + master-slave operation
256 controllers respectively with
1024 channels possible
- + possible auxiliary functions
CIDS, WAN, LAN, etc

Mechanical

- + controlled by touch screen panel, e.g.
FAP, AES Potentiometer Assy DP0299,
momentary push buttons, control
voltage 0-10 V DC, CIDS interface full
qual. or other interfaces
- + fully qualified acc. to RTCA-DO160

Other

- + constant light colour during dimming
from 0 to 100 % light output with a
PWM frequency of 104 or 244 Hz
- + applicable for LED lights or
incandescent lamps
- + MTBF
>100.000 OH

Technical data

Mechanical dimensions

length	209 mm
width	115 mm
height	a) 40 mm b), 40 mm c) 100 mm
weight	a) 0,6 kg b) 0,4 kg c) 1,4 kg

Electrical data

input voltage	28 V DC or 115 V AC / VF 360 - 800 Hz
input current	a) approx. 0,3 A b) approx. 1,45 A c) approx. 5 A
output voltage	28 V DC or 28 V PWM (max 2A per channel)
output power	a) 30 W b) 140 W c) 140 W