

M2012CK-7EUN

APPLICATION and PERFORMANCE SPECIFICATION

Description: Micro Case - electronic low frequency square wave ballast for 20W metal halide lamps

- Line Voltage: 120vac , $\pm 10\%$, 50/60Hz
- Microprocessor controlled
- RoHS Compliant
- Mounting type: No feet - side lead exit
- Resonance Start
- Active power factor correction
- Abnormal operation shutdown circuit: Line voltage must be reset

*60 Hz data

Lamp		Volts	Input Watts	Nominal Line Amps	Power Factor	Ballast Factor	Harmonic Total	Crest Factor
ANSI Type	#							
M156/C156	1	120	24.5	0.20	> 95%	1.00	< 6%	<1.5

Ballast Order Code: 188514

Performance:

- Meets ANSI Standard C82.14-2006
- Meets ANSI Standard C62.41-1991
- Meets FCC Part 18C for EMI & RFI (non-consumer)
- EOL Protection

Safety:

- No PCBs
- cUR_{US} recognized component
- Thermal Protection

Application:

- Minimum Starting Temperature: $-15^{\circ}\text{C}/+5^{\circ}\text{F}$
- Maximum Case Temperature: $90^{\circ}\text{C}/194^{\circ}\text{F}$
- Sound Rated: A
- Remote Mounting: 5 feet

Each lamp's lead wires must be run in a separate minimum 1/2" ID conduit from the input leads to achieve good EMI performance and maximum remote capabilities. Individual, unbundled lead wires must be used for extension wiring using wire types SF-2 or SFF-2 or equivalent. Power cords and MC cables are not acceptable extension wiring methods.

Physical Parameters

- | | Inches/Metric |
|-------------------------------|----------------------|
| • Overall Length: | 2.99"/76.0mm |
| • Width: | 1.30"/33.0mm |
| • Height: | 1.10"/28.0mm |
| • Weight: | 7 oz |
| • Lead lengths: | |
| Black, White, Green | 5.6"/142.2mm |
| Blue, Red | 3"/76.2mm |
| • Lead stripping:(Tinned) All | .375"/9.53mm |

Warranty:

Universal Lighting Technologies warrants to the purchaser that each electronic ballast will be free from defects in material or workmanship for a period of 3 years from date of manufacture when properly installed and under normal conditions of use. The normal operation of 4000 hr./yr. is used for the warranty period. Longer operating times will adjust the warranty period accordingly. For extended warranty periods greater than 36 months, call **1-800 BALLAST** for fixture testing instructions.

Manufactured in North America

