Obsolete

# M3912-27CK-5EU-J

APPLICATION and PERFORMANCE SPECIFICATION

**Description:** Standard Case - electronic low frequency square wave ballast for 39W metal halide lamps

- Line Voltage: 120 - 277vac , ±10%, 50/60Hz
- Microprocessor controlled
- RoHS Compliant
- Mounting Type: Studs - top lead exit

*60 Hz data

- Resonance Start
- Active power factor correction
- Abnormal operation shutdown circuit: Line voltage must be reset

| Lamp | | Volts | Input | Nominal | Power | Ballast | Harmonic | Crest |
|---|---|---|---|---|---|---|---|---|
| ANSI Type | # | | Watts | Line Amps | Factor | Factor | Total | Factor |
| **M130/C130** | **1** | **120** | **44** | **0.37** | **> 95%** | **1.00** | **< 7%** | **<1.5** |
| | | **277** | **44** | **0.17** | **> 95%** | **1.00** | **< 11%** | **<1.5** |

**Ballast Order Code:** 188301

**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
- $_{C}UL_{US}$ Listed (Outdoor Type 1)
- Thermal Protection

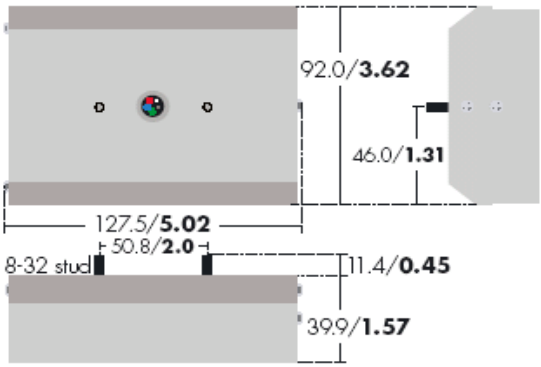
**Application:**
- Minimum Starting Temperature: -15°C/+5°F
- Maximum Case Temperature: 80°C/ 176°F
- Sound Rated: A
- Remote Mounting: 15 feet

Each lamp's lead wires must be run in a separate minimum 1/2" ID conduit from the input leads to achive 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: | 5.02"/127.5mm |
| Width: | 3.62"/92mm |
| Height: | 1.57"/39.9mm |
| Weight: | 20 oz |
| Lead lengths: All | 7"/177.8mm |
| 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**