M2012-27CK-5EU-F

APPLICATION and PERFORMANCE SPECIFICATION

Description: Standard Size - electronic low frequency square wave ballast for 20W metal halide lamps

- Line Voltage: 120 - 277vac , ±10%, 50/60Hz
- Microprocessor controlled
- RoHS Compliant
- Mounting type: Feet - side 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
M156/C156	**1**	**120**	**24**	**0.21**	**> 95%**	**1.00**	**< 10%**	**<1.5**
	1	**277**	**24**	**0.10**	**> 95%**	**1.00**	**< 20%**	**<1.5**

Ballast Order Code: 188610

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:	5.51"/140.0mm
Width:	3.62"/92.0mm
Height:	1.57"/39.9mm
Weight:	20 oz
Lead lengths:	10"/254mm
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



