



# Lighting

## Electronic Ballast (American Scheme)



### Why Choose KEMET

KEMET applies world-class service and quality to deliver industry-leading, high performance capacitance solutions worldwide. With 95% of possible dielectric solutions, KEMET offers the world's most complete line of surface mount and through-hole capacitor technologies across tantalum, ceramic, film, aluminum and paper dielectrics. One world. One KEMET.

### Features & Benefits

- Products for every power, environment and temperature range up to 125°C
- Standard, optimized and custom designs
- Specific solutions for residential (120 VAC) and industrial (277 VAC)
- Miniaturized sizes and low profile boxes available
- Decades of experience in lighting and industrial applications
- UL, CECC and ENEC approvals

### Product Checklist

- For which market region is the design targeted (Europe, Americas or other)?
- What are the environmental conditions such as input voltage, temperature requirements and size requirements?
- When does the design-in window close?
- When is the estimated production start date?
- What is the expected annual volume?
- Who will produce the design? Which EMS (if applicable)?
- Are there any special requirements?

For more information, samples and engineering kits, please visit us at [www.kemet.com](http://www.kemet.com) or call 1.877.myKEMET.

### Programs Supported

- EMI filters
- Power factor correction
- Switching circuits
- Lamps

### KEMET Products

Product Family	KEMET Series	Form
<b>EMI Filter</b>		
Standard Film	C1 (X2): R46	Box type,
X & Y Capacitors	C2/C3 (Y2): PHE850, R41	Wire terminals
<b>Power Factor Correction</b>		
PFC	C4: R71	Box type,
Standard Film	C5: F461-464, R76, PHE450	Wire terminals
<b>Switching Circuit</b>		
Standard Film	C6: F461-464, R76, PHE450	Box type,
Standard Film	C7: R76, PHE450	Wire terminals
<b>Lamp</b>		
Standard Film	C8: F461-464, R77, PHE450	Box type,
		Wire terminals
<b>Specialty &amp; Custom Solutions</b>		
Available upon request. Please contact your local KEMET representative.		

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