

## IFC/GEF Efficient Lighting Initiative Form 5: Linear Fluorescent Ballast Application

### Instructions

This form refers to the IFC/GEF Efficient Lighting Initiative "Voluntary Technical Specification Lamp-ballast Circuits for Linear Fluorescent Lighting" available from the ELI website [www.efficientlighting.net](http://www.efficientlighting.net).

All test results entered in this application should be from the indicated Reference Test Procedure performed at an accredited laboratory on actual retail products with the actual combinations of lamps and other components. IFC and its consultants shall consider all information provided in this application as confidential. IFC may release aggregated manufacturer product performance information without reference to any specific manufacturer's product.

<b>A: Product Information (from manufacturer catalog)</b>	
Manufacturer	
Product Model Number	
Rated operational frequency (kHz)	
Rated average life (hours)	
Indicate ballast type (instant, rapid, program, pre-heat, etc.)	
Indicate type (diameter, wattage rating, etc.) and number of fluorescent tubes that can be driven by this ballast.	

<b>B: Ballast Characteristics</b>	<b>Reference Test Procedure</b>	<b>Test Result</b>
Input wattage	IEC - 60921 or 60929	
Ballast Factor		
Operating frequency		
Power Factor		
Injected Total Harmonic Distortion		
In-rush Current		
Current Crest Factor		
Does ballast comply with all applicable international and local regulations regarding safety?	IEC – 61547 and 60920 or 60928	YES / NO
Does ballast operate within specified parameters through a range of nominal voltages $\pm 15\%$ from rated operating voltage without reduction in rated life?	IEC - 60921 or 60929	YES / NO

<b>C: Warranty and Labeling</b>	<b>Reference Test Procedure</b>	<b>Test Result</b>
Does ballast include a minimum 3-year replacement warranty?	N/A	YES / NO
Does the warranty include a labor allowance for ballasts that fail early due to manufacturer defect?	N/A	YES / NO
Does the ballast label include basic warranty terms and does a local telephone number appear on each ballast, written in at least one applicable local language?	N/A	YES / NO

### **Directions for Sending Application Materials to ELI Contacts**

Applicants must submit applications plus all product performance data in **electronic form** to **both** ELI offices indicated below.

Additionally, applicants must ship their product samples plus a **print copy** of all application materials to the IIEC Regional Office in Bangkok.

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### **Inquiries about Applications**

Questions about the status of applications should be directed to Mr. Phon-Amnuaisuk via e-mail. Questions about the specifications and technical requirements for testing should be directed to Ms. Conway via e-mail.