



Electromagnetic Compatibility Test Summary and Reports

EMC Quote #	2006-656A	Testing Started	February 20, 2007	Date parts received	February 20, 2007
Test Plan/ Request ID/ Approval #	none	Testing Completed	March 20, 2007	Functional Class	TBD
Applicable Specification	MIL-STD-461-E			Product Phase	N/a
Device Under Test (DUT) Description	Electronic Ballast				
Testing Requested by	Healthcare Lighting 3160 W. 22nd Street Erie, PA 16506		ID/Serial #s	DUT 1 with Traditional Electronic Ballast	
			Model #	DUT 1 with Advance-Powrkut Ballast	
				B232112012H-A	
				RK-2532-TP 120V-60Hz	

Summary of Testing:

Test Name	Performance Deviations?		Compliant With Specification / Test Plan?		
	NO	YES	NO	YES	TBD by Customer
RE102 Radiated Emissions Efield 10 kHz - 1 GHz	X (1)			X	
CE102 Conducted Emissions 10 kHz - 10 MHz	X (2)			X	

*Note – Only DUT 1 with Advance-Powrkut Ballast is reported for compliance. All other data was gathered for informational purposes only.

TBD = To Be Determined

Remarks:

- DUT 1 with Advance-Powrkut Ballast (RK-2532-TP 120V-60Hz) displayed no conducted emissions above the specified limit. When the RIFs (filters) were removed, the DUT displayed emissions above the limit. DUT 1 with Traditional Electronic Ballast (B232112012H-A) displayed conducted emissions above the specified limits with and without the RIFs (filters).

All radiated emissions levels were below the specified limits when the DUT was run with the lens installed. Radiated emission levels exceeded the specified limits in the lower frequencies when the DUT was run with the lens uninstalled.

- DUT 1 with Advance-Powrkut Ballast (RK-2532-TP 120V-60Hz) displayed no conducted emissions above the specified limit.

This report was reviewed by:	<i>Leonard T Ferrell</i>	<i>A Harding</i>
Date:	Leonard Ferrell	Andrew Harding
 Working for a safer world	Senior Engineering Associate	Section Manager NARTE-EMC-002615-NE
	Phone 248-249-1694	Phone 248-427-5323
	E-mail Leonard.T.Ferrel@us.ul.com	E-mail Andrew.Harding@us.ul.com

The test results contained in this report relate only to the specific devices listed above.

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