

INFINIUM™ LED fixtures Approved for use with **LUTRON** dimming systems.

SPECTRUM Recessed lighting fixtures in the E-series as well as selected high-bay and cylinder luminaires are now certified compatible with Lutron global dimming systems

What this means to you and to the specifier, is the ability to integrate SPECTRUM Lighting LED fixtures into installations controlled by the LUTRON dimming systems.

SPECTRUM E-Series LED fixtures

(15 watt & 18 watt)

will work with:

EcoSystem - 3 wire dimming systems

Grafik QS- For room-based systems

Quantum- For Entire building dimming systems



E-SERIES LED

Lutron Hi-Lume LED Driver Fixture Qualification Summary	
Fixture Contact Information	
Company Name:	Spectrum Lighting
Contact Name:	Chris Labbe
Contact Title:	
Address:	994 Jefferson St., Fall River, MA, 02721
Phone Number:	508-678-2303
Email:	chris@speclight.com
Sample Information	
Date Fixture Received:	9/12/2010
Tested By:	Bob Lovelace
Date Fixture Tested:	9/18/2010
Lutron Fixture ID:	25677
LED ID (HW) SK:	E11BHGAR6455G
Model Number:	BC
Type:	Downlight
Sample Includes:	Fixture: Yes
	LEDs: Yes
	Driver: Yes
Brand:	Lutron
Comments:	
Sample photo:	
Light Engine Information	
Brand of LEDs:	Osram DL1100
Color temperature:	
Number of LEDs in series:	Total number of LEDs:
Comments:	
Test Measurements	
Driver used:	LED5070ALNV (700 mA)
Measurement taken at:	High End Low End Maximum Minimum Comments
Maximum LED voltage:	18.70 V 23.00 V 34.0 V 7.0 V Should be < 90% of driver's rating
Current from Driver:	1.01 A 0.929 A 0.974 A 0.979 A
Driver output power:	18.92 W 2.41 W 25.0 W 7.0 W Must not exceed driver's rating
C of A point temperature:	42.3 °C 73.2 °C 73.2 °C 73.2 °C Must not exceed UL rating
Cal. Pt. temperature:	38.5 °C 62.0 °C 62.0 °C 62.0 °C Must not exceed driver's rating
LED temperature:	70.8 °C 73.2 °C 73.2 °C 73.2 °C
Ambient temperature:	22.4 °C 22.4 °C 22.4 °C 22.4 °C
Approval:	
Reviewed by:	Chris Labbe
Status:	Approved
Date:	9/22/10

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Sample Information	
Date Fixture Received:	9/12/2010
Tested By:	Bob Lovelace
Date Fixture Tested:	9/18/2010
Lutron Fixture ID:	25696
LED ID (HW) SK:	E11BHGAR6455G
Model Number:	BC
Type:	Downlight
Sample Includes:	Fixture: Yes
	LEDs: Yes
	Driver: Yes
Brand:	Lutron
Comments:	
Sample photo:	
Light Engine Information	
Brand of LEDs:	Osram DL700
Color temperature:	
Number of LEDs in series:	Total number of LEDs:
Comments:	
Test Measurements	
Driver used:	LED5070ALNV (700 mA)
Measurement taken at:	High End Low End Maximum Minimum Comments
Maximum LED voltage:	17.75 V 24.00 V 35.0 V 7.0 V Should be < 90% of driver's rating
Current from Driver:	0.974 A 0.979 A 0.974 A 0.979 A
Driver output power:	16.62 W 1.86 W 25.0 W 7.0 W Must not exceed driver's rating
C of A point temperature:	41.7 °C 73.0 °C 73.0 °C 73.0 °C Must not exceed UL rating
Cal. Pt. temperature:	38.9 °C 62.0 °C 62.0 °C 62.0 °C Must not exceed driver's rating
LED temperature:	52.1 °C 73.0 °C 73.0 °C 73.0 °C
Ambient temperature:	22.4 °C 22.4 °C 22.4 °C 22.4 °C
Approval:	
Reviewed by:	Chris Labbe
Status:	Approved
Date:	9/22/10

