

## BACnet Protocol Implementation Conformance Statement

**Date:** November 8, 2002  
**Vendor Name:** Lithonia Lighting  
**Product Name:** Synergy Configuration Tool  
**Product Model Number:** SY CONFIG  
**Applications Software Version:** 1.9.1      **Firmware Revision:** N/A  
**BACnet Protocol Revision:** ? (BACstac v4.0)

**Product Description:**

Synergy is a unique lighting control system that integrates all aspects of lighting control into a single system platform. Synergy combines architectural dimming, low voltage switching, lighting automation and lighting energy management functions into a single scalable package capable of meeting the requirements of virtually any lighting control application.

**BACnet Standardized Device Profile (Annex L)**

	BACnet Operator Workstation (B-OWS)
	BACnet Building Controller (B-BC)
	BACnet Advanced Application Controller (B-AAC)
	BACnet Application Specific Controller (B-ASC)
	BACnet Smart Sensor (B-SS)
	BACnet Smart Actuator (B-SA)

**List all BACnet Interoperability Building Blocks supported (see Annex K in BACnet Addendum 135d):**

DS-RP-A Read Property  
 DS-WP-A Write Property  
 DM-DDB-A Dynamic Device Binding  
 DM-TS-A Time Synchronization  
 DM-RD-A Reinitialize Device

**Which of the following device binding methods does the product support? (check one or more)**

x	Send Who-Is, receive I-Am (BIBB DM-DDB-A)
	Receive Who-Is, send I-Am (BIBB DM-DDB-B)
	Send Who-Has, receive I-Have (BIBB DM-DOB-A)
	Receive Who-Has, send I-Have (BIBB DM-DOB-B)
	Manual configuration of recipient device's network number and MAC address
	None of the above

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**Standard Object Types Supported:**

**None**

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**Data Link Layer Options (check all that are supported):**

x	BACnet IP, (Annex J)	
	BACnet IP, (Annex J), Foreign Device	
x	ISO 8802-3, Ethernet (Clause 7)	
	ANSI/ATA 878.1, 2.5 Mb. ARCNET (Clause 8)	
x	ANSI/ATA 878.1, RS-485 ARCNET (Clause 8), baud rate(s):	156125bps
	MS/TP master (Clause 9), baud rate(s):	
	MS/TP slave (Clause 9), baud rate(s):	
	Point-To-Point, EIA 232 (Clause 10), baud rate(s):	
	Point-To-Point, modem, (Clause 10), baud rate(s):	
	LonTalk, (Clause 11), medium:	
	Other:	

**Networking Options (check all that are supported):**

	Router, Clause 6 - List all routing configurations (e.g. ARCNET-Ethernet, Ethernet-MS/TP, etc.):	
	Annex H.3, BACnet Tunneling Router over UDP/IP	
	BACnet/IP Broadcast Management Device (BBMD)	
	BBMD supports registrations by Foreign Devices	

**Segmentation Capability (check all that apply):**

x	Segmented requests supported	Window Size	16
x	Segmented responses supported	Window Size	16

**Character Sets Supported (check all that apply):**

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.

x	ANSI X3.4
	IBM™/Microsoft™ DBCS
	ISO 8859-1
	ISO 10646 (UCS-2)
	ISO 10646 (ICS-4)
	JIS C 6226

**If this product is a communication gateway, describe the non-BACnet equipment/network(s) that the gateway supports:**

N/A

**Include any addition information about the product's BACnet capabilities relevant to interoperability:**

This PC Windows-based tool is mainly used to configure Lithonia Lighting Synergy devices, and is also used as a graphical user interface for Synergy devices. Therefore, the range of values and objects supported by the read and write property services may not be appropriate for all devices.