Date: 13/03/20
Vendor Name: Maco Lighting (1002)
Product Name: zencontrol LCM/RCM/AC
Product Model Number: zencontrol LCM/RCM/AC
Applications Software Version: 1.6   **Firmware Revision:**   1.0.0.6
BACnet Protocol Revision: 12

Product Description:

zencontrol Controller BACnet Client
Provides an interface to marshal and mirror multiple Binary Values from multiple servers into this controller

BACnet Standardized Device Profile (Annex L)

	BACnet Operator Workstation (B-OWS)
	BACnet Building Controller (B-BC)
	BACnet Advanced Application Controller (B-AAC)
x	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, DS-RP-B Read Property
DS-RPM-B Read Property Multiple
DS-WP-B Write Property

DS-COV-B Change Of Value

NM-BBMDC-B BBMD Configuration
NM-FDR-A Foreign Device Registration

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)
x	Receive Who-Is, send I-Am (BIBB DM-DDB-B)
	Send Who-Has, receive I-Have (BIBB DM-DOB-A)
x	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

Standard Object Types Supported:

Device Object Type

1. Dynamically creatable using BACnet's CreateObject service?   No
2. Dynamically deletable using BACnet's DeleteObject service?   No
3. List of optional properties supported:

Description
Local_Time
Local_Date
UTC_Offset
Daylight_Saving_Status
Active_COV_Subscriptions

4. List of all properties that are writable where not otherwise required by this standard

Object_Identifier
Description

5. List of proprietary properties:

Property Identifier	Property Datatype	Meaning
512	CharacterString	Fitting Number

6. List of any property value range restrictions:

Property Identifier	Restrictions

Binary Value Object Type

1. Dynamically creatable using BACnet's CreateObject service?   No _____
2. Dynamically deletable using BACnet's DeleteObject service?   No _____
3. List of optional properties supported:

4. List of all properties that are writable where not otherwise required by this standard

5. List of proprietary properties:

Property Identifier	Property Datatype	Meaning

6. List of any property value range restrictions:

Property Identifier	Restrictions

7. Object Notes

These Binary Value objects support COV subscriptions.

Binary Value instance numbers between 528:779 map to the configured mirrored Binary Value states 0:251

To test behaviour of the Binary Value object and its COV, set the Out of Service state to true, and then manually set Present Value as desired.

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

X	BACnet IP, (Annex J)	
X	BACnet IP, (Annex J), Foreign Device	
	ISO 8802-3, Ethernet (Clause 7)	
	ANSI/ATA 878.1, 2.5 Mb. ARCNET (Clause 8)	
	ANSI/ATA 878.1, RS-485 ARCNET (Clause 8), baud rate(s):	
	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	
X	BACnet/IP Broadcast Management Device (BBMD)	
X	BBMD supports registrations by Foreign Devices	

Segmentation Capability (check all that apply):

		Window Size
	Segmented requests supported	
	Segmented responses supported	

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 controller supports a maximum of 128 simultaneous COV subscriptions.