



*Protocol  
Implementation  
Conformance  
Statement*



<b>Vendor:</b> Lithonia Lighting			
<b>Product:</b> Synergy			
<b>Product Model Number:</b> SYSC MLX (Network Lighting Controller)			
<b>Product Description:</b> 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.			
<b>BACnet Conformance Class Supported</b>			
Class 1	X	Class 4	
Class 2	X	Class 5	
Class 3		Class 6	
<b>BACnet Functional Groups Supported</b>			
Clock	X	Device Communications	X
Files	X	Reinitialize	X
<b>BACnet Standard Application Services Supported</b>			
Application Service	Initiates Requests	Executes Requests	
ReadProperty		X	
WriteProperty	X	X	
AtomicReadFile	X	X	
AtomicWriteFile	X	X	
ReinitializeDevice	X	X	
TimeSynchronization	X	X	
Who-Is	X	X	
I-Am	X	X	
<b>BACnet Object Types Supported</b>			
Object Type	Lithonia Synergy Implementation	Readable Properties	Writable Properties
Device	Lithonia Synergy MLX Controller		
Analog Input	Analog input terminals, 01-03 thru 1501-1503	Present Value	Present Value
Analog Output	Output points: Relays 01-08 thru 1501-1508 Dimmers 101-106 thru 1501-1506	Present Value	Present Value
Analog Value	Group (collection of output points), 0000 thru 9999	Present Value	Present Value
Binary Value	Group (collection of output points), 0000 thru 9999	Present Value	Present Value
Binary Input	Switch input terminals, 01 - 08 thru 1501 -1508	Present Value	Present Value
<b>Data Link Layer</b>		<b>Character Set</b>	
ARCNET, twisted pair bus, 156k baud		ANSI X3.4	
<b>Special Functionality Information</b>			
Supports Segmented Requests [Window Size =16]		Supports Segmented Responses [Window Size =16]	
<b>Property Range Restrictions [Present Values for Analog Outputs]</b>			
Set Percentage Value	0.0 - 100.0		
Stop Raise/Lower	128.0		
Lower Level Automode	129.0		
Raise Level Automode	130.0		
Relinquish Priority	255.0 or Null		
Blink	256.0		