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Data Sheet

August 15, 2026

ACUITY BRANDS / LITHONIA

Acuity Brands / Lithonia LEQ BC 120/277 GY 3W Ballast Controller

The Acuity Brands/Lithonia LEQ BC 120/277 GY 3W is a ballast controller designed for efficient lighting management. It operates within a 120/277 voltage range and consumes 3W of power. This controller ensures reliable performance and is suitable for various lighting applications.



MODEL

**Acuity Brands /
Lithonia LEQ BC
120/277 GY 3W**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

**LEQ BC 120/277
GY 3W**

LISTING

<https://aumictechlabs.com/products/leq-bc-120-277-gy-3w-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Acuity Brands / Lithonia LEQ BC 120/277 GY 3W is a ballast controller for fluorescent lighting systems rated 120/277 VAC at 3W. It controls up to 50 compatible electronic ballasts via 0-10 VDC signaling, with high-end trim adjustment from 100% to 50%. The controller features integral horizontal intensity adjustment, separate on/off switching independent of light level settings, and an LED indicator for dark-environment location. Its low-profile polycarbonate faceplate and die-cast aluminum frame mount in standard single-gang switch boxes.

Technical Specifications
Voltage rating: 120/277 VAC Power consumption: 3W Ballast control rating: 16 amps electronic ballast at 120V or 277V Conductor rating: 600V Maximum DC current: 25 mA per controller Control signal: 0-10 VDC Network wire run: 500 ft. (152 m) maximum with No. 18 AWG wire Switch

rating: 1200W at 120VAC / 1500W at 277VAC (with specific power control stations) Maximum ballasts per controller: 50

Key Features

- Horizontal intensity control with separate push ON/push OFF switching
- High-end trim adjustment: 100% to 50%
- Integral LED indicator (active when dimmer is off)
- Compatible with three-way and four-way multi-location switch configurations
- Low-profile polycarbonate faceplate with no exposed fasteners
- Die-cast aluminum frame; mounts in single-gang switch box
- Gray finish

Ballast Compatibility

Advance Mark VII® Magnetek Ballastar® ELI SmartStart Motorola Helios™ Lutron Hi-Lume or ECO-10 ballasts (with LEQ FDBI interface)

Integration Options

- Compatible with LEQ DPC dimming photocell
- Compatible with MS 120/277 3WAY matching three-way switch
- LEQ FDBI interface required for Lutron Hi-Lume / ECO-10 ballast support

LEQBC120277GY3W Characteristics / Specifications

PARAMETER	VALUE
Model	LEQ BC 120/277 GY 3W
Instrument Type	wall ballast controller
Line Voltage	120/277 V
Finish	grey (GY)
Switching	three way
Ballast Count Maximum	50 compatible 0-10 V electronic dimming ballasts
Dimming Range	100 percent to 20 percent
High End Trim	100 percent to 50 percent
Control Voltage Class	0-10 V DC electronic dimming ballasts
Low Voltage 18 Awg	500 ft (150 m) maximum
Low Voltage 16 Awg	825 ft (250 m) maximum
Low Voltage 14 Awg	1300 ft (400 m) maximum
Low Voltage 12 Awg	2100 ft (650 m) maximum
On Off Action	separate switch from intensity slider
Intensity Control	unique horizontal intensity control
Preset	preset lighting control
Compatible Ballast Class	one, two, and three lamp 0-10 V DC electronic dimming ballasts
Manufacturer	Acuity Brands / Lithonia Lighting
Literature	Lithonia Equinox LEQ BC / LEQ LVBC instruction sheet and LEQ BC 120/277 GY 3W listing
Family	Lithonia Equinox LEQ BC
Brand Lineage	Acuity Brands / Lithonia
Queue Title	Acuity Brands / Lithonia LEQ BC 120/277 GY 3W Ballast Controller
Form Factor	wall box ballast controller
System Role	fluorescent ballast dimming controller

LEQBC120277GY3W Specifications

PARAMETER	VALUE
Lithonia Equinox LEQ BC 120/277 GY 3W Ballast Controller	Overview
Key Features	120/277 V dual voltage
Three way switch	High end trim 100 percent to 50 percent
Technical Specifications	Model: LEQ BC 120/277 GY 3W

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes	
From Lithonia Equinox LEQ BC / LEQ LVBC instruction sheet and LEQ BC 120/277 GY 3W remaining-queue listing.	

Exact load amperes belong on the installed nameplate.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.