GLB-DALI-T-3

Crestron Green Light® 3 Lamp DALI® Ballast

- *Programmed start*
- *Standby power of <0.3w*
- *Automatic restart after lamp replacement*
- *Automatic identification and operation of several wattage lamp types*
- *Universal voltage support (120-277 VAC)*
- *Flicker-free dimming from 1% to 100%[1]*
- *High power factor of 0.99*
- *Short circuit protection*
- *Open circuit safety feature*
- *Energy efficiency class EE1=A1*
- *Lamps operated above 40 kHz to avoid interference with infrared devices and reduce lamp flicker*
- *Lamp crest factor of 1.7 or less*
- *NEMA premium*
- *Works with any standard DALI® controller*

The GLB-DALI family of DALI® ballasts provides the very best in digital addressable lighting. Operable between 120 and 277 Volts, Crestron Green Light® DALI Ballasts are perfect for any building in any part of the world. The GLB-DALI-T-3 3 Lamp DALI Ballasts support dimming a wide range of linear fluorescent lamps from 1-100%[1]. The 3 Lamp DALI Ballasts work with Crestron® DALI controls and any standard DALI controller. Add Crestron Fusion EM® Energy Management Software to help track and minimize energy usage throughout a facility, enhanced by built-in power metering on the ballasts.

Digital Addressable Lighting Interface (DALI)

The DALI (Digital Addressable Lighting Interface) standard allows multiple ballasts to be daisy chained using low-voltage wiring for power on/off and dimming control. Up to 64 ballasts can exist on a single DALI channel, each operating independently. DALI lighting is optimal for applications that require granular control of each fixture, such as open office floor plans and daylight harvesting in classrooms.

Built-in Power Metering

Integrated power metering tracks real-time energy usage of each load, thereby delivering statistics to help control energy costs. By analyzing real data, organizations can make educated decisions regarding energy resources, which will have greater impact on the bottom line.

Protection

GLB-DALI ballasts feature End-of-Life Protection, are short and open circuit proof, and have an auto shutdown feature in case of lamp failure. GLB-DALI ballasts feature protected shut down against main input lower than 80 Volts AC and auto recovery starting from 95 Volts AC. GLB-DALI ballasts also feature warm start in every dimming position and overload protection.

Crestron Green Light® 3 Lamp DALI Ballast Models

	GLB-DALI-T8-317/32-PM[2]
Lamp Type	3x T8 17, 25, 32 W
Input Power	17 - 31.5 W x 3
Input Current	63 - 250 mA

OEM Fixture Partner Program

Crestron works directly with leading global fixture manufacturers to provide complete access to its entire line of ballasts and drivers. Crestron works with each partner to ensure excellence in quality, performance, and function to deliver superior dimming, ease of commissioning, and complete control. All Crestron products are backed by our unparalleled training, design assistance, and support services.

To learn more about our OEM Fixture Partners or to become one, please contact OEM@crestron.com.

SPECIFICATIONS

Operating Voltage

Rated Input Voltage: 120-277 Volts AC
Input Frequency: 50/60 Hz

Input Voltage Range

AC Input Voltage Range: 108-304 Volts AC
DC Input Voltage Range: 160-264 Volts DC

GLB-DALI-T-3 Crestron Green Light® 3 Lamp DALI® Ballast

Connectors

+, -: (2) Push-button, angled entry terminal block, DALI® connections
G: (1) Push-button, angled entry terminal block, ground
N: (1) Push-button, angled entry terminal block, neutral
L: (1) Push-button, angled entry terminal block, line power input
Lamp(s): (4-7) Push-button, angled entry terminal blocks, for wiring lamps to ballast

Additional Ballast Specifications

Power Factor: 0.99
Ballast Factor: GLB-DALI-T8-317/32-PM[2]: 0.95
Operating Frequency: 40 kHz
Standby Power: <0.3 W
THD: 10%
Lamp Crest Factor: 1.7 or less
Output Voltage: 400 Volts AC
Overload Protection: 300 Volts AC 48 hours/320 Volts AC 2 hours

Dimming

Dimming Range: 1%-100%
Start Time: 1s

Environmental

Temperature: 50° to 140°F (10° to 60°C)
Humidity: 10% to 90% RH (non-condensing)

Enclosure

Painted metal without sharp edges

Dimensions

Length: 16.7 in (425 mm)
Width: 1.2 in (30 mm)
Depth: 0.8 in (21 mm)

Weight

0.66 lb (300 g)

Conformity

UL 935 listed Class P, Type CC, Type HL
End of lamp life protection EOL T.2
ANSI C62.41 Category A for Transient protection
ANSI C82.41 color-coded poke in wire trap connector
FCC 47 CFR Part 18, Non-consumer for EMI/RFI
CEC Title 24
Inherent thermal protection
Type 1 Outdoor
No PCBs
Sound Rating A

MODELS & ACCESSORIES

Available Models

GLB-DALI-T8-317/32-PM: Crestron Green Light® 3 Lamp DALI® Ballast 17-32W with integrated Power Metering. Custom product - please allow 12 weeks for delivery.

Notes:

1. Dimming results may vary based on lamps, operating conditions, and ballast model.
2. Not compatible with reduced wattage T8 lamps.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

Crestron Electronics, Inc. 15 Volvo Drive | Rockleigh, NJ 07647
Tel: 800.237.2041 / 201.767.3400 | Fax: 201.767.1903
www.crestron.com

Specifications subject to change without notice. Revised 04/10/14