PREMIUM PERFORMANCE OPTIONS - BALLASTS

Extended System Warranty

GE as well as other ballast and lamp suppliers offer an extended warranty on lamps and ballasts if you use coordinated lamp and ballasts on your project. Using GE lamps with GE ballasts normally provide 3 years of lamp warranty and 5 years of ballast warranty. Consult factory for specific information.

ITEM NO.	DESCRIPTION
GE	GE Extended Warranty

Add "GE" before Ballast and Lamp Designation.

Switch Genie Ballast and Switch

The SwitchGenie ballast is a "Green" ballast with a microprocessor that is patented and uses entirely digital technologically. This unique ballast responds to a standard light switch to control the output of the fixture. The SwitchGenie ballast turns on one lamp at a time per fixture based on toggling the light switch. The action of turning the switch off and on in two seconds sends a digital signal to the ballast and microprocessor "reads" this signal and turns on the next lamp. So if you have a 4 lamp fixture, you can have 1, 2, 3 or all 4 lamps on at any one time. Add a Switch Genie Control and get even more control over your lighting system. Consult factory for for brochure and specifications.

ITEM NO.	DESCRIPTION
SGMV	Switch Genie Ballast Multi-Volt
SGMV+	Switch Genie Ballast Multi-Volt plus Switch Genie Control

Multiple Ballast

Specify the number of ballasts required in the fixture based on how the fixture will be controlled. Add the following codes to the end of the ballast designation.

ITEM NO.	DESCRIPTION
(11)	Dual Ballasts 1 Lamp + 1 Lamp
(21)	Dual Ballasts 2 Lamp + 1 Lamp
(22)	Dual Ballasts 2 Lamp + 2 Lamp
(31)	Dual Ballasts 3 Lamp + 1 Lamp

Example: 131A432MV(31)

Occupancy & Daylight Sensors

Texas Fluorescents can add Occupancy or Daylights Sensors to your fixtures for greater control and energy savings. Add the code that designates the type and positioning of the

CODE	DESCRIPTION
OCCUPANCY SENSORS	
MDT4	On/Off, 1 pole, Wide Field, High Mount
MDT3	On/Off, 1 pole, Wide Field, Low Mount
MDT1	On/Off, 1 Pole, Narrow Field
MDR2	On/Off, 2 Pole, Wide Field
MDR1	On/Off, 2 Pole, Narrow Field
MDV2	Dimming, Wide Field
MDV1	Dimming, Narrow Field
DAYLIGHT SENSORS	
MDE	On/Off, 1 Pole
MDD	Dimming
COMBINED OCCUPANCY & DAYLIGHT SENSORS	
MDF4	On/Off, 1 Pole, Wide Field, High Mount
MDF3	On/Off, 1 Pole, Wide Field, Low Mount
MDF1	On/Off, 1 Pole, Narrow Field
MDG4	On/Off, 1 + 1 Pole, Wide Field, Hi Mount
MDG3	On/Off, 1 + 1 Pole, Wide Field, Low Mount
MDG1	On/Off, 1 + 1 Pole, Narrow Field

Sensor Specifications and Operation

Occupancy Sensor - OPERATION
If no motion is detected for a field adjustable time delay, on/off sensors break power to the ballast(s). When multiple ballasts are specified, on/off sensors may control one or all ballasts.

Dimming sensors are similar - alternating between high and low light output. Type D (0-10V) dimming ballasts must be specified with the fixture to use a dimming sensor.

Daylight Sensor - OPERATION
If ambient light levels exceed a field adjustable intensity, on/off sensors break power to the ballast(s) after a fixed time delay. With multiple ballasts, on/off sensors may control one or all ballasts.

Dimming daylight sensors have both high and low ambient light level adjustable set points. Fluorescent light levels vary proportionally; maximum fluorescent output occurs when ambient levels are low; high ambient levels force fluorescent light to dim. Specify type D (0-10V) dimming ballasts with the fixture to use a dimming sensor.

Combined Occupancy + Daylight Sensor - OPERATION
1 pole. If light levels exceed a field adjustable intensity, sensors break power to the ballast(s) after a fixed time delay. The motion sensor is defeated. If light levels are below the intensity set point, the occupancy sensor controls operation as described in "occupancy sensor - OPERATION" above.

1+1 pole. This sensor is used only with fixtures containing multiple ballasts. The daylight sensor controls one ballast, the occupancy sensor controls the other ballast. The operation of each sensor functions a individually described above.

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