

GE  
Lighting

# command



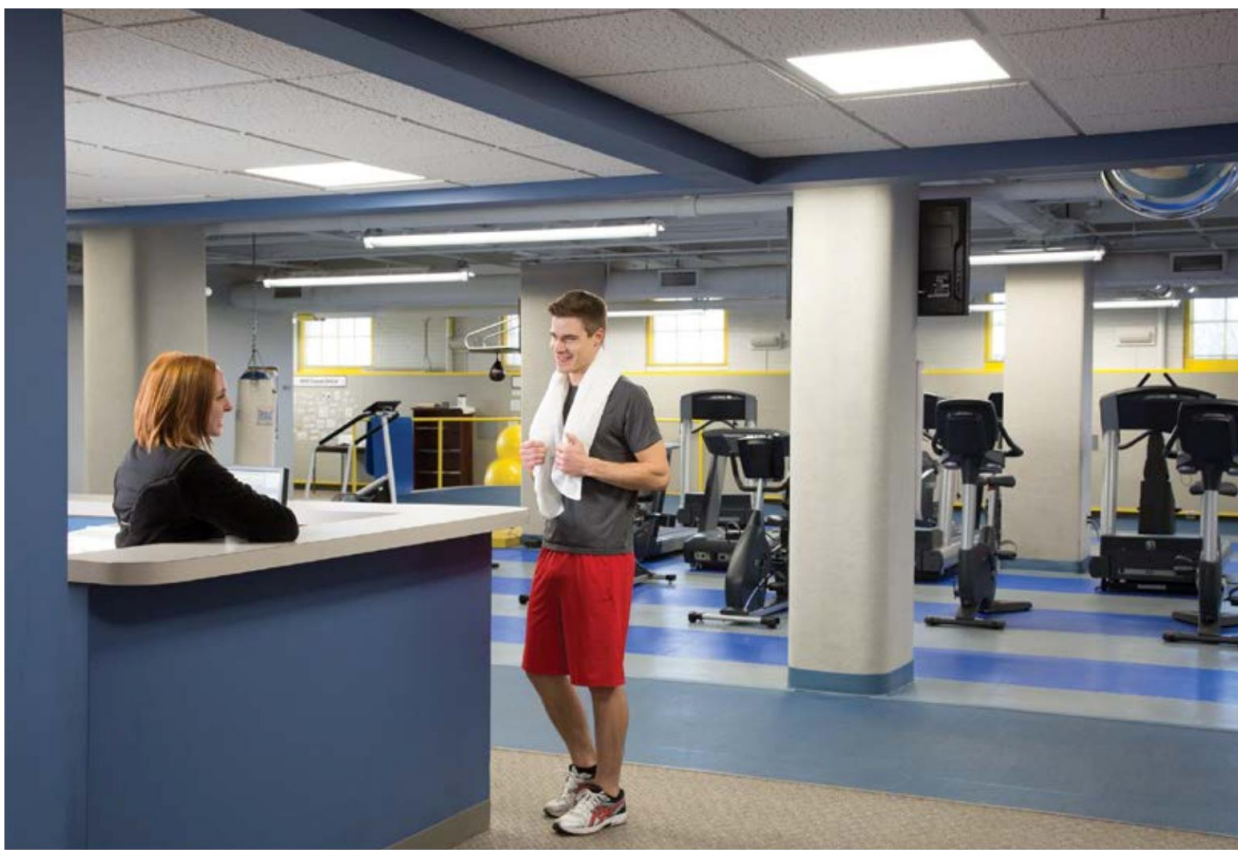
GE LED Drivers for all your lighting demands.

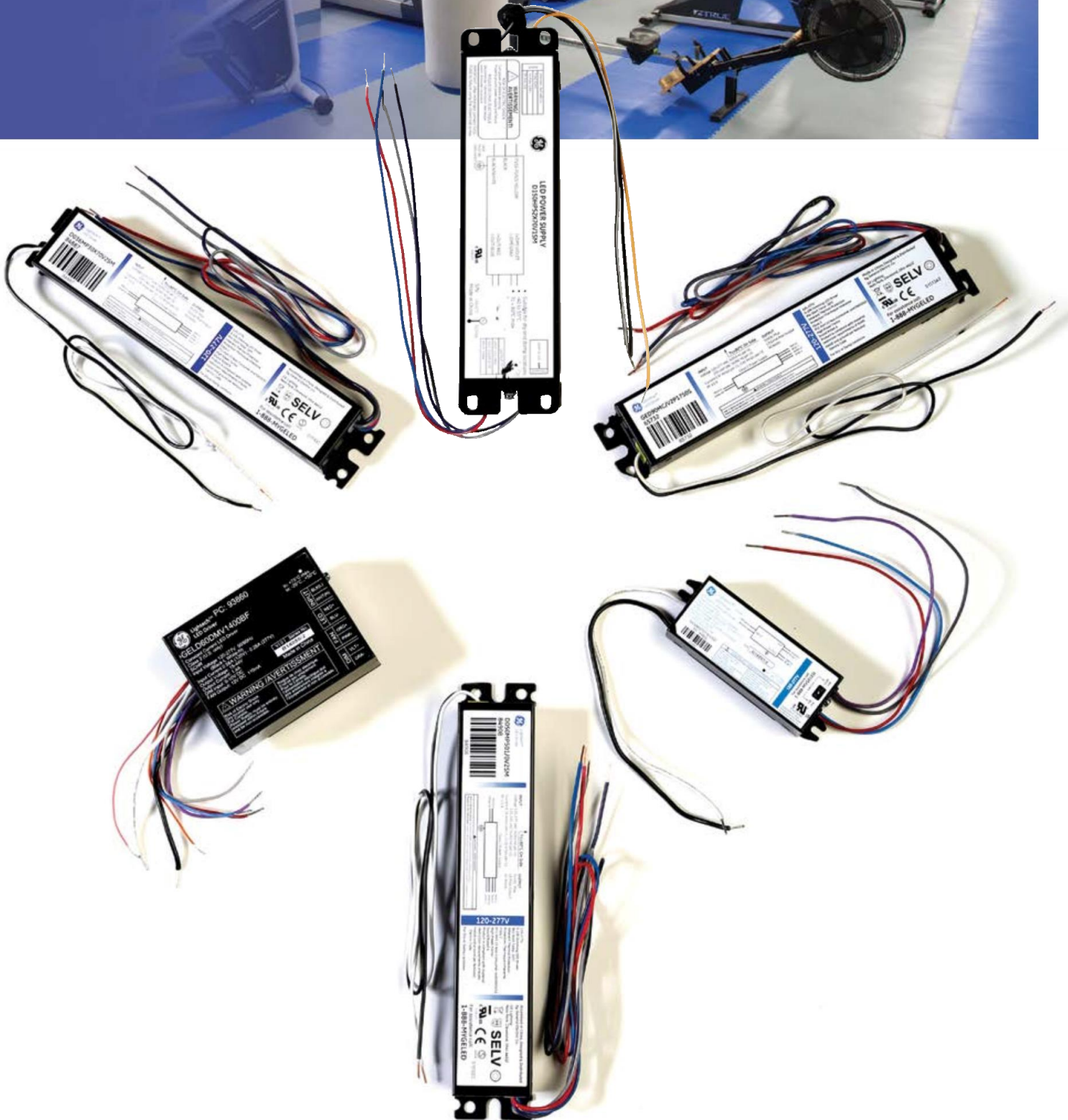
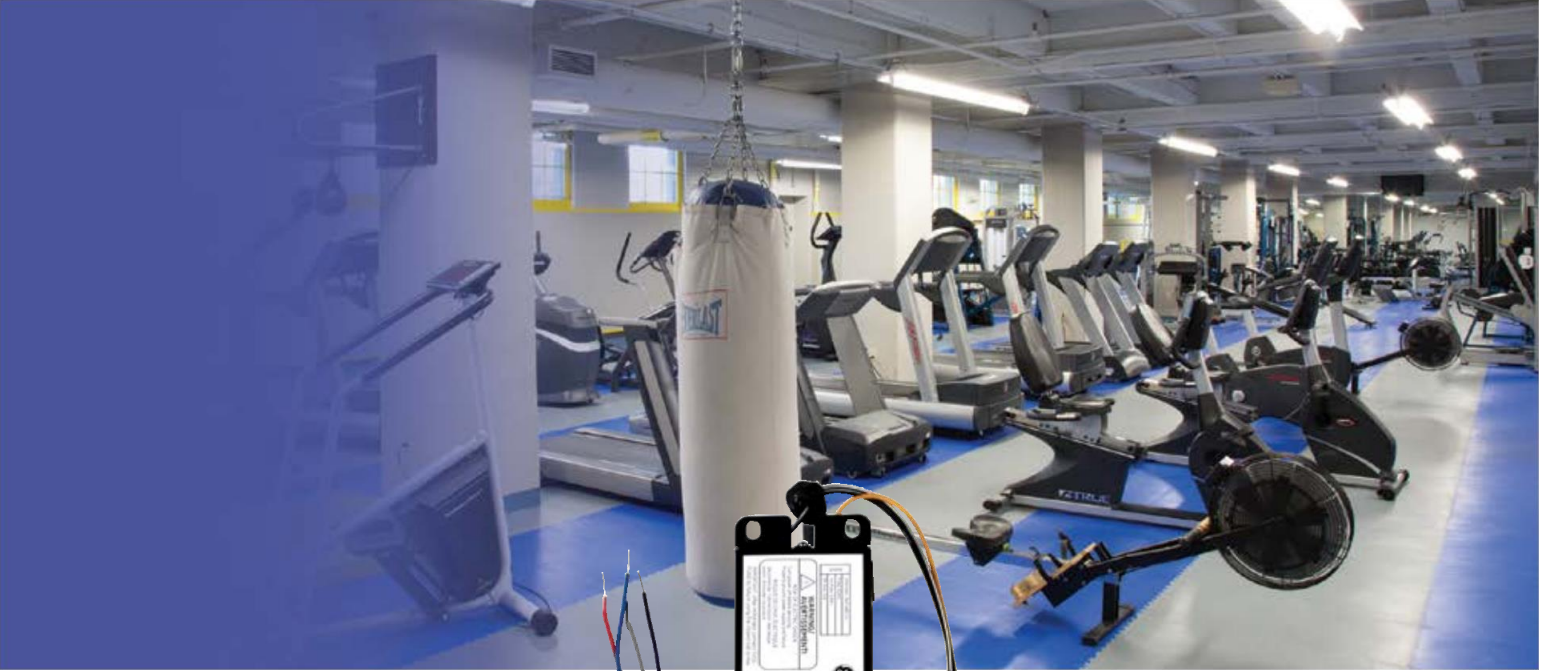


imagination at work

# energize

**GE LED drivers** are a comprehensive line of products designed to work seamlessly with a breadth of LED systems. Engineered for excellent performance and reliability, the diverse range of applications they support include indoor, recessed, track, industrial, roadway, parking lots and T8 LED tubes. Designed with Six Sigma rigor, GE LED drivers provide outstanding efficiency, case temperature ratings of 80°C or greater, have a power factor greater than .9. and < 20% THD. Most GE Drivers are dimmable: 0-10v, leading and trailing edge or dimmable by Dali. All are backed by a 5-year limited warranty.





# Programmable Indoor



GE Programmable LED Indoor Drivers provide flexibility that can save installation and supply chain management costs. Since these drivers easily adjust for different applications and can be quickly programmed for different LED board efficiencies, they simplify the number of SKUs you need on hand, reducing hassle and expense. These high efficiency drivers can be programmed for constant light output (CLO) or dimmed as your situation requires. Range of adjustable light output current to 1750mA. As LED technology changes, they can efficiently be re-programmed for the latest fixtures, reducing replacement costs. Available in 36, 50 and 100 watt designs with multiple output current ranges.

## Indoor Constant Current Class 2 Programmable Drivers - 0-10v:

GE Product Code	Description	Max output (W)	Input volts	Output Voltage (VDC)	Output Current mA	CE/UL/cUL	Max (T) case	Enclosure L x W x H	Enclosure Type	Features
84887	DO36MP30X70V2SM	36	120/277	21-51	300-700	YES	80c	9.5 x 1.7 x 1.2	Side leads	CC UL Class2 0-10v dimming to 10%
91400	GED36MVCV2P700B	36	120/277	21-51	200-700	YES	85c	4.17 x 2.95 x 1.3	Bottom feed	CC UL Class2 0-10v dimming to 5%
84908	DO50MP501/OV2SM	50	120/277	10-52	500-1000	YES	80c	9.5 x 1.7 x 1.2	Side leads	CC UL Class2 0-10v dimming to 10%
91401	GED50MVCV2P1000B	50	120/277	10-52	500-1000	YES	85c	4.17 x 2.95 x 1.3	Bottom feed	CC UL Class2 0-10v dimming to 5%
65732	GED90MC/V21750S	90	120/277	10-52	900-1750	YES	80c	9.5 x 1.7 x 1.2	Side leads	CC UL Class2 0-10v dimming to 5%

## Indoor Constant Current Class 2 Programmable Drivers - DALI:

GE Product Code	Description	Max output (W)	Input volts	Output Voltage (VDC)	Output Current mA	CE/UL/cUL	Max (T) case	Enclosure L x W x H	Enclosure Type	Features
91400	GED50MC/D2P1000S	50	120/277	10-52	500-1000	YES	80c	9.5 x 1.7 x 1.2	Side leads	CC UL Class2- GLOBAL DALI dimming to 10%
74391	GED90MC/D2P1750S	90	120/277	10-52	900-1750	YES	80c	9.5 x 1.7 x 1.2	Side leads	CC UL Class2- GLOBAL DALI dimming to 10%

# Programmable Indoor



## Indoor Constant Current Class 2 Programmable Drivers - Phase Dimming :

GE Product Code	Description	Max output (W)	Input volts	Output Voltage (VDC)	Output Current mA	CE/UL/cUL	Max (T) case	Enclosure L x W x H	Enclosure Type	Features
36534	GED20DCP2P550S	20	120	25-40	300-550	REC	80c	4.17 x 2.95 x 1.3	Bottom Feed	CC UL Class2- Phase Dimming to 10%
36535	GED50MC/D2P1000S	50	120	30-50	850-1300	REC	80c	4.17 x 2.95 x 1.3	Bottom Feed	CC UL Class2- Phase Dimming to 10%

## Indoor Constant Current Class 1 Programmable Drivers - 0-10v:



GE Product Code	Description	Max output (W)	Input volts	Output Voltage (VDC)	Output Current mA	CE/UL/cUL	Max (T) case	Enclosure L x W x H	Enclosure Type	Features
83453	GELD50MV700PVNA2	50	120/277	60-155	300-550	Yes	80c	9.5 x 1.7 x 1.2	Side leads	CC UL Class1- 0-10V Dimming to 10%
83455	GELD100MV480OVNA2	100	120/277	60-155	850-1300	Yes	80c	9.5 x 1.7 x 1.2	Side leads	CC UL Class1- 0-10V Dimming to 10%

# Indoor Fixed Output

## Indoor Constant Current Class2- Fixed Output- 0-10v

GE Product Code	Description	Max output (W)	Input volts	Output Voltage (VDC)	Output Current mA	CE/UL/cUL	Max (T) case	Enclosure L x W x H	Enclosure Type	Features
93861	DO30MS701/4V2SBF	30	120/277	3-43	700/1400	YES	75c	3.75 x 1.75 x 1.33	Bottom feed	CC UL Class2 Selectable 700 or 1400 0-10v dimming
93862	DO30MS701/4V2SD	30	120/277	3-43	700/1400	YES	75c	3.75 x 1.75 x 1.33	Side leads	CC UL Class2 Selectable 700 or 1400 0-10v dimming
60724	GELD60DMV1400PU	60	120/277	15-44	1400	YES	75c	4.40 x 3.74 x 1.30	Side leads	CC UL Class2. Aux output 12v/110mA, 0-10v dimming

## Indoor Constant Current Class2- Fixed Output-Trailing edge dimming

GE Product Code	Description	Max output (W)	Input volts	Output Voltage (VDC)	Output Current mA	CE/UL/cUL	Max (T) case	Enclosure L x W x H	Enclosure Type	Features
66863	GELD1DMVE350SL	1.4	120/277	2	350	YES	60c	1.34 x 1.25 x 1.0	Plastic	CC UL Class2 IP67
66864	GELD6DMV350SL	6.0	120/277	2-20	350	YES	70c	2.36 x 1.78 x 1.0	Plastic	CC UL Class2 IP67
66865	GELD6DMV500L	6.0	120/277	2-14	500	YES	70c	2.36 x 1.78 x 1.0	Plastic	CC UL Class2 IP67
66866	GELD6DMV700SL	6.0	120/277	2-11	700	YES	70c	2.36 x 1.78 x 1.0	Plastic	CC UL Class2 IP67
66867	GELD10DMVE350TB	10	120/277	2-28	350	YES	90c	3.94 x 1.57 x 1.05	Terminal blocks	CC UL Class2
66868	GELD10DMVE700TB	10	120/277	2-15	700	YES	90c	3.82 x 1.57 x .91	Terminal blocks	CC UL Class2
66870	GELD10DMVE350TB	10	120/277	2-28	350	YES	90c	6.48 x 1.68 x 1.41	Terminal blocks	CC UL Class2
66872	GELD18DMV350BF	18	120/277	4-52	350	YES	80c	5.33 x 1.67 x 1.32	Bottom feed	CC UL Class2 IP67 Trailing edge dimming
66883	GELD18DMV700BF	18	120/277	4-26	700	YES	80c	5.33 x 1.67 x 1.32	Bottom feed	CC UL Class2 IP67 Trailing edge dimming
66871	GELD18DMV350PU	18	120/277	4-52	350	YES	80c	5.33 x 1.67 x 1.32	Side leads	CC UL Class2 IP67 Trailing edge dimming
66884	GELD18DMV700PU	18	120/277	4-26	700	YES	80c	5.33 x 1.67 x 1.33	Side leads	CC UL Class2 IP67 Trailing edge dimming
66902	GELD26DMV500PU	26	120/277	4-52	500	YES	90c	6.02 x 1.57 x 1.20	Side leads	CC UL Class2 IP67 Trailing edge dimming
66903	GELD26DMV500BF	26	120/277	4-52	500	YES	90c	5.33 x 1.67 x 1.32	Bottom feed	CC UL Class2 IP67 Trailing edge dimming
66904	GELD36DMV700PU	36	120/277	4-52	700	YES	90c	6.02 x 1.57 x 1.20	Side leads	CC UL Class2 IP67 Trailing edge dimming
66905	GELD36DMV700BF	36	120/277	4-52	700	YES	90c	6.02 x 1.57 x 1.20	Bottom feed	CC UL Class2 IP67 Trailing edge dimming
66898	GELD36D120700PU	36	120	4-52	700	YES	80c	7.80 x 1.73x 1.18	Side leads	CC UL Class2 IP67 Trailing edge dimming
66898	GELD36D120700PU	36	120	4-52	700	YES	80c	7.80 x 1.73x 1.18	Side leads	CC UL Class2 IP67 Trailing edge dimming

# Programmable Outdoor



GE Lighting's new Programmable **100 and 150 watt Drivers** are ideal for

Demanding outdoor environments. The new GE drivers have inherent 10kV/5kA surge protection which

eliminates the need and cost of an external surge protection device. The new Drivers can withstand

Multiple strikes of up to 10kV OCV. The new high efficient drivers have combined DALI and 0-10v dimming and

DALI for data commands. The new GE Drivers can be programmed for output current, constant light output (CLO)

Clock dimming and dimming levels.

## **New** Programmable 100/150W DALI/ 0-10V combo Class1 Outdoor LED Drivers:

GE Product Code	Description	Max output (W)	Input volts	Output Voltage (VDC)	Output Current mA	CE/UL/cUL	Max (T) case	Enclosure L x W x H	Enclosure Type	Features
85237	DOM50P25X47V1SM	50	120/277	110-140	350-480	Yes	80c	4.12 X 3.5 X 1.54	Side leads	CC UL Class1 0-10v to 10% IP66
37592	DOM50P25X47V1SMU	50	120/277	110-140	350-480	Yes	80c	4.12 X 3.5 X 1.55	Side leads	CC UL Class1 0-10v to 10% Made in USA, Galvanized Can IP66
75682	GED50MC/D1P470S	50	120/277	110-140	350-480	Yes	80c	9.5 x 2.39 x 1.5	Side leads	CC UL Class1 DALI Dimming IP66
37317	GED100MC/VD1P700S	100	120/277	100-290	300-700	Yes	90c	9.5 x 2.39 x 1.5	Side leads	CC UL Class1 0-10v combo DALI Dimming, 10kv/5ka surge, IP66
37323	GED150MC/VD1P700S	150	120/277	100-290	300-700	Yes	85c	9.5 x 2.39 x 1.5	Side leads	CC UL Class1 0-10v combo DALI Dimming 10kv/5ka surge, IP66
37324	GED150MC/VD1P1050S	150	120/280	110-143	700-1050	Yes	85c	9.5 x 2.39 x 1.5	Side leads	CC UL Class1 0-10v combo DALI Dimming 10kv/5ka surge, IP66

## Programmable 75/100/150W 347-480v Class1 Outdoor LED Drivers:

GE Product Code	Description	Max output (W)	Input volts	Output Voltage (VDC)	Output Current mA	CE/UL/cUL	Max (T) case	Enclosure L x W x H	Enclosure Type	Features
42273	DO75HP521/OV1SM	75	347/480	40-142	525-1050	Yes	90c	9.5 x 2.39 x 1.5	Side leads	CC UL Class1 0-10v Dimming to 10%, IP66
37036	D100HP35X70V1SM	100	347/480	130-292	300-700	Yes	90c	9.5 x 2.39 x 1.5	Side leads	CC UL Class1 0-10v Dimming to 10%, IP66
37040	D100HP75X70V1SM	100	347/480	90-142	700-1050	Yes	90c	9.5 x 2.39 x 1.5	Side leads	CC UL Class1 0-10v Dimming to 10%, IP66
42271	D150HP52X70V1SM	150	347/480	110-280	525-700	Yes	80c	9.5 x 2.39 x 1.5	Side leads	CC UL Class1 0-10v Dimming to 10% IP66
42272	D150HP751/OV1SM	150	347/480	75-190	525-1050	Yes	80c	9.5 x 2.39 x 1.5	Side leads	CC UL Class1 0-10v Dimming to 10%, IP66

# surge protection

**GE Surge Protection Devices** for 120-277v and 347-480v are designed to protect LED or any lighting system from multiple surges up to 10kV /5 kA. Outdoor pole mounted lighting is particularly vulnerable to surges as well as other applications. Surge protection devices are not designed to withstand a direct lightning strike, but can protect the lighting system if lightning strikes nearby and causes sudden power line surge with energy levels within the repetitive surge handling capacity of the device.

## GE Surge Protection Devices 10kV/5kA for 120-277v and 347-480v:

### Standards:

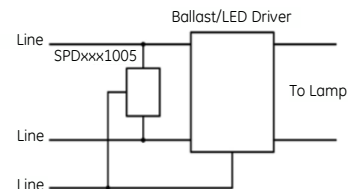
- UL1449 (4th Edition)
- ANSI/IEEE C136.2 – 2015
- UL File number E477502

### Temperature/Environmental Ratings:

- Operating Ambient Temp: -40 to +85°C
- Storage Temperature: -40 to +100°C
- IP Rating: IP66
- UL/cUL Recognized
- Product is compliant with material restrictions of RoHs

### Wiring Diagram:

- Classified as SPD Type 5
- May be installed inside the fixture with upstream over-current protection.
- Single insulated XLPE,14AWG, 7 STRAND, 125°C, 600V UL-758 WITH STYLE 3173



PC	Description	Line Voltage	Max Surge (kA)	Maximum Continuous Voltage	Nominal Discharge Current In	Measured Limiting Voltage	Number Strikes	Lifetime 70c Case Temp
32489	SPD120-277_10kV5kA	120-277v	10 (kA)	320Vac	5	1250	40	100,000 hrs
32491	SPD347-48_10kV5kA	347-480v	10 (kA)	320Vac	5	1970	40	100,000 hrs



# Constant Voltage Fixed Output

GE Product Code	Description	Max output (W)	Input volts	Output Voltage (VDC)	Output Current mA	CE/UL/cUL	Max (T) case	Enclosure L x W x H	Enclosure Type	Features
66914	GELD25DMV12PU	25	120/277	12	2000	YES	75c	6.02 x 1.57 x 1.20	Side leads	UL Class2
66915	GELD25DMV12PUS	25	120/277	12	2000	YES	75c	6.02 x 1.57 x 1.20	Side leads	UL Class2 White Can
66919	GELD25DMV24TB	25	120/277	24	1000	YES	90c	6.22 x 1.77 x 1.20	Terminal Blocks	UL Class2
66921	GELD25DMV24PU	25	120/277	24	1000	YES	75c	6.02 x 1.57 x 1.20	Side leads	UL Class2
66922	GELD25DMV24PUS	25	120/277	24	1000	YES	90c	6.02 x 1.57 x 1.20	Side leads	UL Class2
13890	DO50M000V57V2SM	50	120/277	57.5	1600	YES	80c	9.48 x 1.70 x .83	Side leads	UL Class2 0-10V Dimming to 1%
66923	GELD60DMV12PU	60	120/277	12	5000	YES	90c	7.80 x 1.73 x 1.57	Side leads	UL Class2
66926	GELD60DMV24PU	60	120/277	24	2500	YES	90c	7.80 x 1.73 x 1.57	Side leads	UL Class2
13898	DO90M000V57V2SM	90	120/277	57.5	890	YES	80c	9.48 x 1.70 x .83	Side leads	UL Class2 0-10V Dimming to 1%
70283	GELD24MV100U-A	96	120/277	24	4000	YES	85c	9.5 x 1.70 x 1.20	Side leads	UL Class2 IP66

5 year limited warranty for LED Drivers

Detailed specifications can be found on the document library @[www.gelighting.com](http://www.gelighting.com)

<http://www.gelighting.com/LightingWeb/na/resources/document-library/index.jsp>

Specifications can also be found:

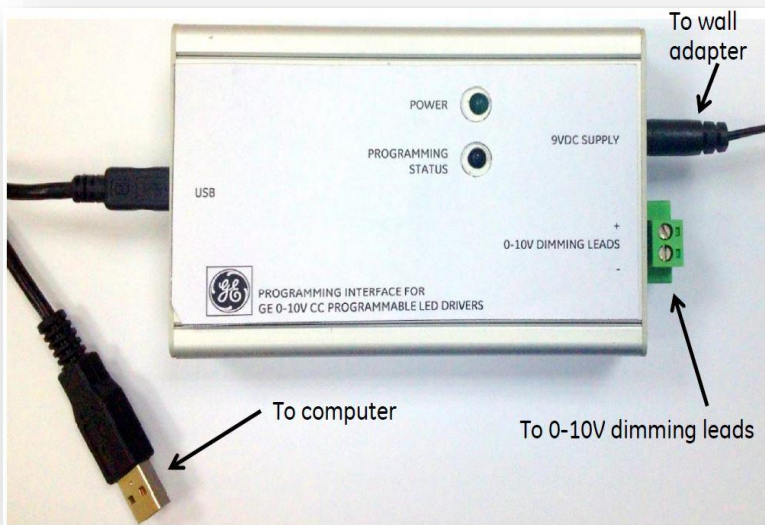
<http://commercial.gelighting.com/catalog/>

# GE LED Driver Programmers



□ **The DALI programmer** TRIDONIC.USA DALI-BM RS-232 Art. No. 24 034 345 with a USB to RS232 adapter. Direct Ordering information:

Guido Walther  
Tridonic. USA Incorporated  
1305 Lakes Parkway Suite 101  
Lawrenceville, Ga 30043  
678 382 6322



□ **The 0-10V Programmer** Direct Ordering information:

Don R. Rhodehamel  
Sales Manager  
Innovative Electronics Corp.  
750 Trumbull Drive, Pittsburgh, PA 15205  
412-953-8440

GE programming software and programming instructions can be downloaded from this link:

<http://www.gelighting.com/LightingWeb/na/solutions/technologies/ballasts-and-drivers/ge-ultramax-led-drivers.jsp>