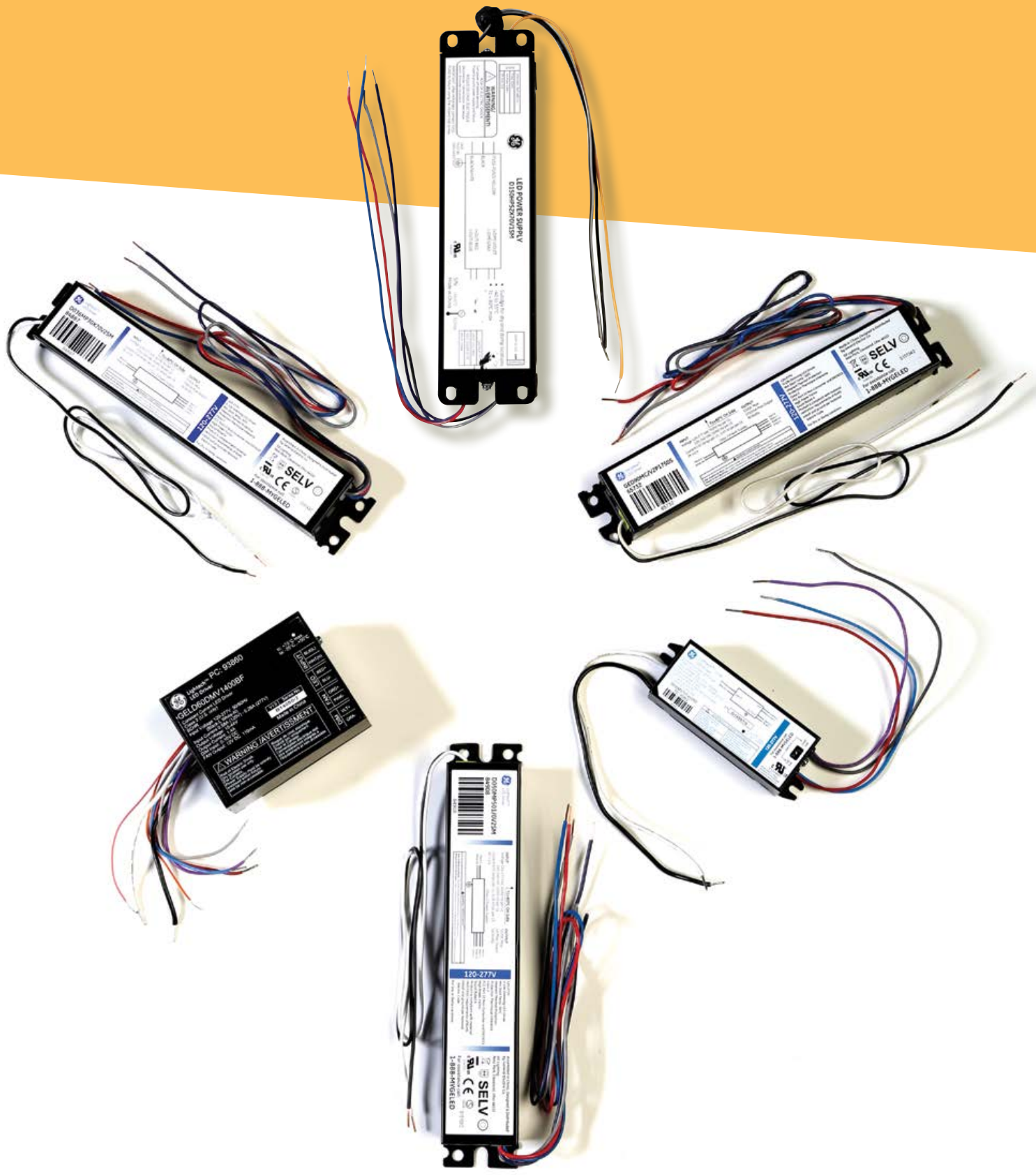
GE LED Drivers
Wired Controls

For all your lighting demands.

current
powered by GE

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.


LED POWER SUPPLY
SELV
1-888-MYGELED
120-277V

Programmable Indoor

GE Programmable LED Indoor Drivers provide flexibility that can save on 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

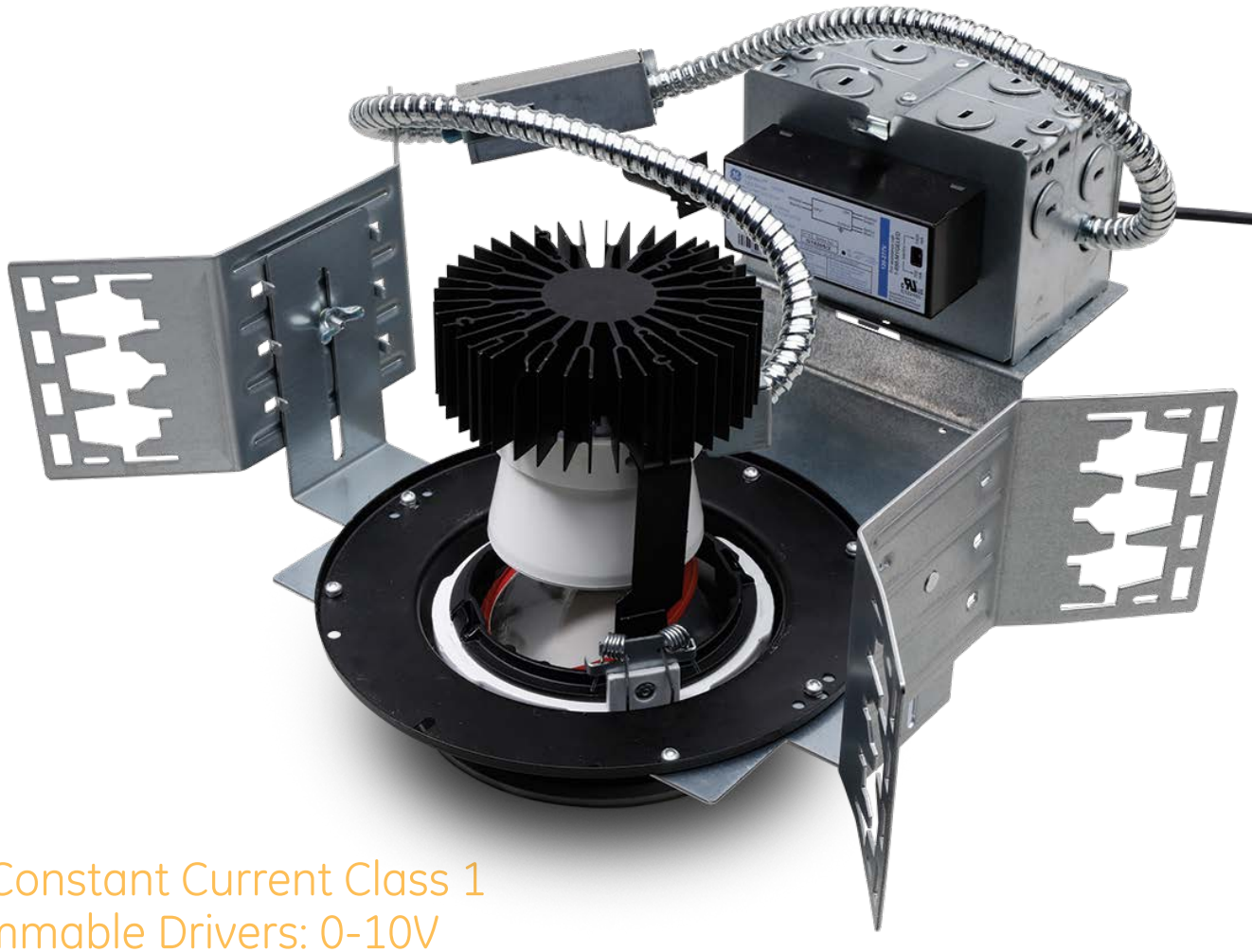
PC	Description	Max Output (W)	Input Volts	Output Voltage (VDC)	Output Current mA	CE/UL/ cUL	Max (T) case	Enclosure L x W x H	Enclosure Type	Features
35652	DO36MP30X70V2SML	36	120/277	21-51	300-700	cUL	80c	9.5x1.7x1.0	Side Leads	CC UL Class 2/P UI listed 0-10V dimming to 5%
84887	DO36MP30X70V2SM	36	120/277	21-51	300-700	cUL	80c	9.5x1.7x1.2	Side Leads	CC UL Class 2 0-10V dimming to 5%
91400	GED36MCV2P700B	36	120/277	21-51	200-700	cUL	80c	4.17x2.95x1.3	Bottom Feed	CC UL Class 2 0-10V dimming to 5%
35656	DO50MP501/OV2SML	50	120/277	10-52	500-1000	cUL	80c	9.5x1.7x1.0	Side Leads	CC UL Class 2/P UI listed 0-10V dimming to 5%
84908	DO50MP501/OV2SM	50	120/277	10-52	500-1000	cUL	80c	9.5x1.7x1.2	Side Leads	CC UL Class 2 0-10V dimming to 5%
91401	GED50MCV2P1000B	50	120/277	10-52	500-1000	cUL	80c	4.17x2.95x1.3	Bottom Feed	CC UL Class 2 0-10V dimming to 5%
65732	GED90MC/V21750S	90	120/277	10-52	900-1750	cUL	80c	9.5x1.7x1.2	Side Leads	CC UL Class 2/P UI listed 0-10V dimming to 5%

Indoor Constant Current Class 2 Programmable Drivers: DALI

PC	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
65733	GED36MC/D2P700S	36	120/277	10-52	300-700	CE, cUL	80c	9.5x1.7x1.2	Side Leads	CC UL Class 2 GLOBAL DALI dimming to 10%
65734	GED50MC/D2P1000S	50	120/277	10-52	500-1000	CE, cUL	80c	9.5x1.7x1.2	Side Leads	CC UL Class 2 GLOBAL DALI dimming to 10%
74391	GED90MC/D2P1750S	90	120/277	10-52	900-1750	CE, cUL	80c	9.5x1.7x1.2	Side Leads	CC UL Class 2 GLOBAL DALI dimming to 10%

Indoor Constant Current Class 2 Programmable Drivers: Phase Dimming

PC	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	cUL	80c	4.17x2.95x1.3	Bottom Feed	CC UL Class 2-Phase Dimming to 10%
36535	GED50MC/D2P1000S	50	120	30-50	850-1300	cUL	80c	4.17x2.95x1.3	Bottom Feed	CC UL Class 2-Phase Dimming to 10%



Indoor Constant Current Class 1 Programmable Drivers: 0-10V

PC	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	cUL	80c	9.5x1.7x1.2	Side Leads	CC UL Class 1 0-10V Dimming to 10%
83455	GELD100MV480OVNA2	100	120/277	60-155	850-1300	cUL	80c	9.5x1.7x1.2	Side Leads	CC UL Class 1 0-10V Dimming to 10%

Indoor Fixed Output

Indoor Constant Current Class 2
Fixed Output: 0-10V

PC	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	3.75x1.75x1.33	Bottom Feed	CC UL Class2 Selectable 700 or 1400 0-10v dimming
93862	DO30MS701/4V2SD	30	120/277	3-43	700/1400	YES	75c	3.75x1.75x1.33	Side Leads	CC UL Class2 Selectable 700 or 1400 0-10v dimming
60724	GELD60DMV1400PU	60	120/277	15-44	1400	YES	75c	4.40x3.74x1.30	Side Leads	CC UL Class2. Aux ouput 12v/110mA, 0-10v dimming

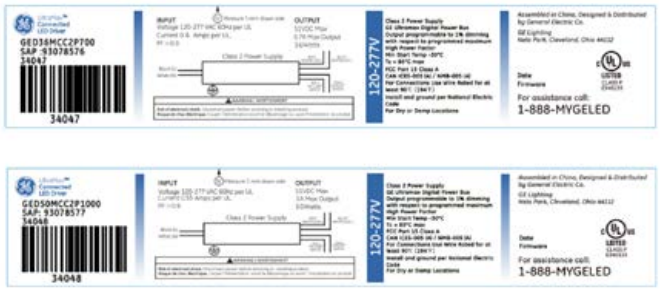
Indoor Constant Current Class 2
Fixed Output: Trailing Edge Dimming

PC	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
66864	GELD6DMV350SL	6.0	120/277	2-20	350	cUL	70c	2.36x1.78x1.0	Plastic	CC UL Class 2 IP67
66865	GELD6DMV500L	6.0	120/277	2-14	500	cUL	70c	2.36x1.78x1.0	Plastic	CC UL Class 2 IP67
66866	GELD6DMV700SL	6.0	120/277	2-11	700	cUL	70c	2.36x1.78x1.0	Plastic	CC UL Class 2 IP67
66868	GELD10DMVE700TB	10	120/277	2-15	700	cUL	90c	3.82x1.57x.91	Terminal Blocks	CC UL Class 2
66870	GELD10DMVE350TB	10	120/277	2-28	350	cUL	90c	6.48x1.68x1.41	Terminal Blocks	CC UL Class 2
66871	GELD18DMV350PU	18	120/277	4-52	350	cUL	80c	5.33x1.67x1.32	Side Leads	CC UL Class 2 IP67 Trailing edge dimming
66884	GELD18DMV700PU	18	120/277	4-26	700	cUL	80c	5.33x1.67x1.33	Side Leads	CC UL Class 2 IP67 Trailing edge dimming
66902	GELD26DMV500PU	26	120/277	4-52	500	cUL	90c	6.02x1.57x1.20	Side Leads	CC UL Class 2 IP67 Trailing edge dimming
66903	GELD26DMV500BF	26	120/277	4-52	500	cUL	90c	5.33x1.67x1.32	Bottom Feed	CC UL Class 2 IP67 Trailing edge dimming
66904	GELD36DMV700PU	36	120/277	4-52	700	cUL	90c	6.02x1.57x1.20	Side Leads	CC UL Class 2 IP67 Trailing edge dimming
66905	GELD36DMV700BF	36	120/277	4-52	700	cUL	90c	6.02x1.57x1.20	Bottom Feed	CC UL Class 2 IP67 Trailing edge dimming

LED Drivers for Connected Indoor Solutions

GE UltraMax Connected indoor Drivers are designed by GE engineers for optimal performance with GE powered by Current indoor fixtures. The new 36 and 50 watt Drivers are non-proprietary luminaire power sources that provide a digital interface between connected components of the fixture such as the new GE Daintree Occupancy and Daylight sensor(s). Sensors are connected by a DALI bus to Drivers and can provide fixture specific data such as power consumption, operating hours, including diagnostics to an energy management system.

GE UltaMax CID Drivers Features:



- UltraMax: High performing programmable LED Drivers
- 36 and 50 watt maximum output power
- 36w Max 700mA current and 51VDV
- 50w Max 1000mA current and 51VDC
- Standard Digital Dimming to 1%
- Class P
- Auxiliary output power 15v and eliminates need for power packs
- 120-277v
- A-can with leads

PC	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
34047	GED36MCC2P700	36	120/277	21-51	300-700	cUL	85c	9.5x1.7x1.2	Side Leads	UL Class P UL listed Digital Dimming to 1%. 15V Aux power
34048	GED50MCC2P1000	50	120/277	21-51	500-1000	cUL	85c	9.5x1.7x1.2	Side Leads	UL Class P UL listed Digital Dimming to 1%. 15V Aux power
39922	GED100MCC2P480	100	120/277	60-155	350-480	cUL	85c	9.5x1.7x1.2	Side Leads	UL Class P UL listed Digital Dimming to 1%. 15V Aux power

Programmable Outdoor

GE Programmable LED Outdoor 100 and 150 Watt Drivers have a design life of >100,000 hours with overload and short circuit protection and the abiltiy to withstand higher surge events (ANSI C136.2-2015). The LED Drivers have either 10kV/5kA or 6kV/3kA inherent surge protection. The Drivers have an active foldback circuit to protect the entire fixture from excessive temperature events. There is full potting for thermal and moisture protection and meets IP-66. Every Driver is production powered for 2 hours to protect against process variation that may occur during other manufacturing testing. Some of the new high efficient drivers have combined DALI and 0-10v dimming for DALI commands. 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 Class 1 Outdoor LED Drivers:

PC	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	cUL	80c	4.12x3.5x1.54	Side Leads	CC UL Class 1 0-10V to 10%
75682	GED50MC/D1P470S	50	120/277	110-140	350-480	cUL	80c	9.5x2.39x1.5	Side Leads	CC UL Class 1 DALI Dimming
34601	GED50MC/VD1P470	50	120/277	40-160	125-700	CE, cUL	80c	9.5x2.39x1.5	Side Leads	CC UL Class 1/P 0-10V combo DALI dimming 10kv/5ka surge Global
37317	GED100MC/VD1P700S	100	120/277	100-290	300-700	cUL	90c	9.5x2.39x1.5	Side Leads	CC UL Class 0-10V combo DALI dimming 10kv/5ka surge
32045	GED100MC/VD1P700S	100	120/277	100-290	300-700	CE, cUL		9.5x2.39x1.5	Side Leads	CC UL Class 1 0-10V combo DALI dimming 10kv/5ka surge Global
32047	GED150MC/VD1P700S	150	120/277	100-290	300-700	CE, cUL	90c	9.5x2.39x1.5	Side Leads	CC UL Class 1 0-10V combo DALI dimming 10kv/5ka surge Global
37323	GED150MC/VD1P700S	150	120/277	100-290	300-700	cUL	85c	9.5x2.39x1.5	Side Leads	CC UL Class 0-10V combo DALI dimming 10kv/5ka surge
32051	GED150MC/VD1P1050S	150	120/277	100-290	700-1050	CE, cUL	85c	9.5x2.39x1.5	Side Leads	CC UL Class 1 0-10V combo DALI dimming 10kv/5ka surge Global
37324	GED150MC/VD1P1050S	150	120/277	110-143	700-1050	cUL	85c	9.5x2.39x1.5	Side Leads	CC UL Class 0-10V combo DALI dimming 10kv/5ka surge

New Programmable 277-480V Class 1 Outdoor LED Drivers:

The new 277-480v drivers prevents miss-application in a multi-volt site

PC	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
32054	GED100HCD1P700	100	277/480	100-300	300-720	cUL	90c	9.5x2.39x1.5	Side Leads	UL Class 1P 0-10v combo DALI dimming 6kv/3ka surge IP66
32065	GED150HCD1P700	150	277/480	100-300	300-720	cUL	90c	9.5x2.39x1.5	Side Leads	UL Class 1P 0-10v combo DALI dimming 6kv/3ka surge IP66
32073	GED150HCD1P1050	150	277/480	98-215	700-1050	cUL	90c	9.5x2.39x1.5	Side Leads	UL Class 1P 0-10v combo DALI dimming 6kv/3ka surge IP66


PORT OF CLEVELAND

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 lightening strike, but can protect the lighting system if lightening 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:

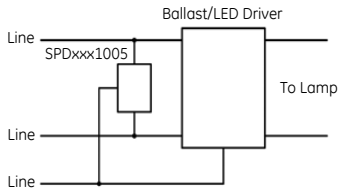
- UL1449 (4th Edition)
- ANSI/IEEE C136.2 – 2015
- UL File number E477502

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 Operating Voltage	Nominal Discharge Current In	Measured Limiting Voltage (MLV)	Number of Strikes @In	Lifetime 70c Case Temp
32489	SPD120-277_10kV-5kA	120-277v	10 (kA)	320Vac	5	1250	40	100,000 hrs
32491	SPD347-480_10kV-5kA	347-480v	10 (kA)	320Vac	5	1970	40	100,000 hrs

Constant Voltage Fixed Output

Indoor Constant Current Class 2 Fixed Output:

PC	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	cUL	75c	6.02x1.57x1.2	Side Leads	UL Class 2
66919	GELD25DMV24TB	25	120/277	24	1000	cUL	90c	6.22x1.77x1.2	Terminal Blocks	UL Class 2
66921	GELD25DMV24PU	25	120/277	24	1000	cUL	75c	6.02x1.57x1.2	Side Leads	UL Class 2
66923	GELD60DMV12PU	60	120/277	12	5000	cUL	90c	7.8x1.73x1.57	Side Leads	UL Class 2
66926	GELD60DMV24PU	60	120/277	24	2500	cUL	90c	7.8x1.73x1.57	Side Leads	UL Class 2
70283	GELD24MV100U-A	96	120/277	24	4000	cUL	85c	9.5x1.7x1.2	Side Leads	UL Class 2 IP66
13890	DO50MOOOV57V2SM	50	120/277	57.5	1600	cUL	80c	9.48x1.7x.83	Side Leads	UL Class 2 Dimming to 1%
13898	DO90MOOOV57V2SM	90	120/277	57.6	890	cUL	80c	9.48x1.7x.83	Side Leads	UL Class 2 Dimming to 1%

5 year limited warranty for LED Drivers

Detailed specifications can be found on the document library: https://products.currentbyge.com/document-library

Specifications can also be found: https://commercial.gelighting.com/catalog

GE LED Driver Programmers:

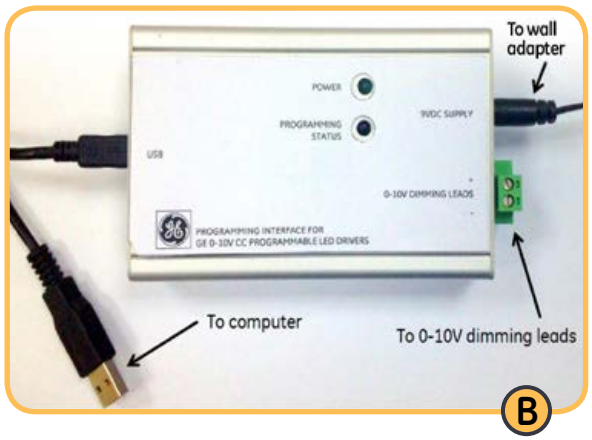
The DALI Programmer A

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 B

Direct ordering information:
Elitenet
LEDDPROG 20593



GE programming software and programming instructions can be down-loaded from this link:
http://solutions.currentbyge.com/LightingWeb/na/solutions/technologies/ballasts-and-drivers/ge-ultramax-led-drivers.jsp

The GE Difference

Building on a reputation for quality and excellence that dates back to Edison's first electric light bulb, GE brings an unsurpassed depth and breadth of expertise to every product. Our commitment to providing the greatest value in high technologically solutions is stronger than ever. We deliver innovative options backed by the international reputation of our 120-plus years in the business.

To learn more about all the LED Driver options available for your lighting needs go to:
products.currentbyge.com

current
powered by GE