



LED Drivers

For next-generation LED lighting



GE Lightech™ LED Drivers

Efficient and intelligent
drivers for next-generation
lighting systems



Powered by Lightech™ technology, GE drivers are both efficient and intelligent, allowing you to create innovative, next-generation lighting systems that live up to your high-performance standards. For your next application, trust GE Lightech™ LED drivers to provide peace of mind, as well as superior ROI through quality construction and reliable performance.

Constant Current LED Drivers

- Power ratings from 1-55W and 350-1400mA
- 120-240V and 220-240V options
- Suitable for all LED lighting in office, hospitality and retail applications
- Efficiency up to 89%
- IP rating from IP20 to IP67
- Dimming solutions available; DALI, 0-10V, Phase dimming (trailing edge)
- 5 year standard warranty
- CE and ENEC certifications, patent protected

Constant Voltage LED Drivers

- Solutions from 12-200W
- 12V & 24V output
- Efficiency up to 93%
- IP20/IP67, CE and ENEC certifications
- Suitable for signage and linear systems (cove, under-cabinet etc.)
- 60/100/150/200W products optimised for signage
- 25W and 60W available with trailing edge dimming

Programmable LED Drivers

- Class I 50W 700mA & 100W 480mA
- Class II 50W 1000mA & 90W 1750mA
- Dimming with 0-10V or DALI
- 120-277V UL, and 220-240V CE

CE-certified, conforming to these IEC Standards

- IEC 61347-1:2007+A1:2010+A2:2012 or EN 61347:2008+A1:2011+A2:2013
- IEC 61347-2-13:2014 or EN 61347-2-13:2014
- CISPR 15:2013 or EN 55015:2013
- EN 61547:2009
- IEC 61000-3-2:2014 or EN 61000-3-2:2014
- IEC 61000-3-3:2013 or EN 61000-3-3:2013

Constant Current Drivers

All products: Supply current frequency: 50/60Hz Storage temp.: -25 / +70°C

Type	Code	Description	Form factor	Colour	Power (W)	Current (A)	Secondary voltage DC (V)	No load max. DC voltage (V)	Inrush current (A)	Input voltage range (V)	Power factor	Dimming (down to)	Efficiency (%)	IP class	Case temp. max. (°C)	ENEC	Class II	Length (mm)	Width (mm)	Height (mm)	Weight (g)	Box qty
DALI & 0-10V Dimmable																						
Lightech 55W	96507	LED 55 CC 1.4A ESRDL 1-10V 220-240	Plastic TB	White	55	1.4A	15-40	50	9.32	220-240	0.96	1-10V (10%)	82-88	20	75	Yes	Yes	204	50	35	350	10
Lightech 55W	65384	LED 55 CC 1.4A ESRDL 1-10V 230-240V	Plastic TB	White	55	1.4A	15-40	50	9.32	230-240	0.96	1-10V (10%)	84-89	20	75	No	Yes	204	50	35	350	10
Lightech 55W	96508	LED 55 CC 1.4A ESRDL DALI 220-240	Plastic TB	White	55	1.4A	15-40	50	9.32	220-240	0.96	DALI (10%)	82-88	20	75	Yes	Yes	204	50	35	350	10
Lightech 55W	89878	LED 55 CC 1.4A ESRDL DALI 230-240V	Plastic TB	White	55	1.4A	15-40	50	9.32	230-240	0.96	DALI (10%)	84-89	20	75	Yes	Yes	204	50	35	350	10
Lightech 55W	90088	LED 55 CC 1.4A TBDL 1-10V 230-240V	Integral Plastic TB	White	55	1.4A	15-40	50	9.32	230-240	0.96	1-10V (10%)	84-89	20	75	No	No	170	50	35	350	10
Lightech 55W	83445	LED 55 CC 1.4A ETB 1-10V 220-240V	Integral Plastic TB	White	55	1.4A	15-40	50	9.32	220-240	0.96	1-10V (10%)	82-88	20	75	No	Yes	170	50	35	350	10
Lightech 55W	83444	LED 55 CC 1.4A ETB DALI 220-240V	Integral Plastic TB	White	55	1.4A	15-40	50	9.32	220-240	0.96	DALI (10%)	82-88	20	75	No	Yes	170	50	35	350	10
Lightech 30W	94562	LED 30CC 0.7 1.4A SW ESRDL1-10V	Plastic TB	White	30	0.7 / 1.4A	0.7A-3-43 1.4A-3-21.5	60	limited	220-240	0.9	1-10V (10%)	<85	20	75	Yes	Yes	170	40	31	170	10
Lightech 30W	94563	LED 30CC 0.7 1.4A SW ESRDL DALI	Plastic TB	White	30	0.7 / 1.4A	0.7A-13-43 1.4A-6.5-21.5	60	limited	220-240	0.9	DALI (10%)	<85	20	75	Yes	Yes	170	40	31	180	10
Lightech DL	97757	OT LED18CC350EPDL GE	Aluminum SL	Black	18	350mA	48	60	limited	220-240	0.96	1-10V (10%)	87	67	80	Yes	Yes	153	40	31	338	24
Lightech DL	99762	OT LED26CC500EPDL GE	Aluminum SL	Black	26	500mA	52	60	limited	220-240	0.96	1-10V (10%)	88	67	80	Yes	Yes	162	45	32	354	24
Lightech DL	97520	OT LED36CC700EPDL3 GE	Aluminum SL	Black	36	700mA	48	60	limited	220-240	0.97	1-10V (10%)	89	67	80	Yes	Yes	153	40	31	354	24
Lightech DL	97514	OT LED48CC1050EPDL GE	Aluminum SL	Black	48	1.05A	46	60	limited	220-240	0.92	1-10V (10%)	89	67	80	Yes	Yes	153	40	31	338	24
Lightech Start DL	93010237	LED18CC350EPDL SH	Metal	Black	18	350mA	12-48	60	13.3 mx	220-240	0.9	0-10V (15%)	85	65	90	Yes	Yes	153	41	30	350	24
Lightech Start DL	93010238	LED26CC500EPDL SH	Metal	Black	26	500mA	12-52	60	13.9 mx	220-240	0.9	0-10V (15%)	87	65	90	Yes	Yes	153	41	30	350	24
Lightech Start DL	93010236	LED36CC700EPDL SH	Metal	Black	36	700mA	12-48	60	14.1 mx	220-240	0.9	0-10V (15%)	87	65	90	Yes	Yes	153	41	30	350	24
Lightech Start DL	93010235	LED48CC1050EPDL SH	Metal	Black	48	1050mA	12-43	60	15.6 mx	220-240	0.9	0-10V (15%)	88	65	90	Yes	Yes	153	41	30	350	24
Phase Dimmable (Trailing edge)																						
Lightech NDL	97756	OT LED18CC350EPD GE	Aluminum SL	Black	18	350mA	4-52	60	limited	220-240	0.96	TE (35 %)	85	67	80	Yes	Yes	153	40	31	333	24
Lightech NDL	97755	OT LED18CC350EPDD	Aluminum SL	Black	18	350mA	4-52	60	limited	220-240	0.96	TE (35 %)	85	67	90	Yes	Yes	153	40	31	346	24
Lightech NDL	97749	OT LED18CC700EPD GE	Aluminum SL	Black	18	700mA	2-26	40	limited	220-240	0.95	TE (25 %)	83	67	80	Yes	Yes	153	40	31	333	24
Lightech NDL	97524	OT LED26CC500EPD GE	Aluminum SL	Black	26	500mA	12-52	60	limited	220-240	0.97	TE (25%)	87	67	85	Yes	Yes	153	40	31	338	24
Lightech NDL	97519	OT LED36CC700EPD GE	Aluminum SL	Black	36	700mA	4-52	60	limited	220-240	0.97	TE (25 %)	89	67	85	Yes	Yes	153	40	31	338	24
Lightech NDL	97518	OT LED36CC700EPL GE	Aluminum SL	Black	36	700mA	4-52	60	limited	220-240	0.97	TE (25 %)	89	67	85	Yes	Yes	153	40	31	233	24
Lightech NDL	97522	OT LED36CC1050EPD GE	Aluminum SL	Black	36	1.05A	12-35	43	limited	220-240	0.98	TE (25 %)	89	67	85	Yes	Yes	153	40	31	317	24
Lightech NDL	97513	OT LED48CC1050EPD GE	Aluminum SL	Black	48	1.05A	12-46	60	limited	220-240	0.98	TE (25 %)	89	67	85	Yes	Yes	153	40	31	317	24
Lightech NDL	97752	OT LED18CC350EPDS GE	Aluminum SL	White	18	350mA	4-52	60	limited	220-240	0.96	TE (35 %)	85	67	80	Yes	Yes	153	40	31	333	24
Lightech NDL	97517	OT LED36CC700EPDS GE	Aluminum SL	White	36	700mA	4-52	60	limited	220-240	0.97	TE (25 %)	89	67	85	Yes	Yes	153	40	31	346	24
Lightech NDL	97751	OT LED18CC350ETD GE	Plastic TB	White	18	350mA	12-52	60	limited	220-240	0.96	TE (35 %)	85	20	70	Yes	No	157	45	32	200	20
Lightech NDL	97748	OT LED18CC700ETD GE	Plastic TB	White	18	700mA	6-26	35	limited	220-240	0.95	TE (25 %)	83	20	70	Yes	No	157	45	32	200	20
Lightech NDL	97516	OT LED36CC700ETD GE	Plastic TB	White	36	700mA	12-52	60	limited	220-240	0.97	TE (25 %)	89	20	75	Yes	No	157	45	32	235	20
Lightech 15W LiteBeetle	98444	OT LED15CC350ELB GE	Plastic TB	White/Red	15	350mA	21-43	50	limited	220-240	0.9	TE (15 %)	80	20	75	Yes	Yes	113	51	30	110	20
Lightech 15W LiteBeetle	98442	OT LED15CC500ELB GE	Plastic TB	White/Red	15	500mA	15-30	33	limited	220-240	0.9	TE (15 %)	80	20	75	Yes	Yes	113	51	30	110	20
Lightech 15W LiteBeetle	97758	OT LED15CC700ELB GE	Plastic TB	White/Red	15	700mA	11-22	25	limited	220-240	0.9	TE (15 %)	80	20	75	Yes	Yes	113	51	30	110	20
Fixed Output																						
Lightech Start NDL	93010304	LED 18 CC 350 P SH	Metal	Black	18	350mA	10-52V	60	no limiter	220-240	0.96	No	89	65	90	Yes	Yes	153	41	30	320	24
Lightech Start NDL	93010306	LED 18 CC 700 EP SH	Metal	Black	18	700mA	10-26V	60	no limiter	220-240	0.96	No	89	65	90	Yes	Yes	153	41	30	320	24
Lightech Start NDL	93010308	LED 26 CC 500 EP SH	Metal	Black	26	500mA	10-52V	60	no limiter	220-240	0.96	No	90.5	65	90	Yes	Yes	153	41	30	320	24
Lightech Start NDL	93010309	LED 36 CC 700 EP SH	Metal	Black	36	700mA	10-52V	60	no limiter	220-240	0.96	No	91	65	90	Yes	Yes	153	41	30	320	24
Lightech Start NDL	93010310	LED 36 CC 1050 EP SH	Metal	Black	36	1050mA	10-35V	60	no limiter	220-240	0.96	No	90.5	65	90	Yes	Yes	153	41	30	320	24
Lightech Start NDL	93010311	LED 48 CC 1050 EP SH	Metal	Black	48	1050mA	10-46V	60	no limiter	220-240	0.97	No	91	65	90	Yes	Yes	153	41	30	320	24
Lightech Start NDL	93010305	LED 18 CC 350 TB SH	Plastic TB	White	18	350mA	10-52V	60	no limiter	220-240	0.94	No	89	20	90	Yes	Yes	158	45	32	210	20
Lightech Start NDL	93010307	LED 18 CC 700 TB SH	Plastic TB	White	18	700mA	10-26V	60	no limiter	220-240	0.96	No	89	20	90	Yes	Yes	158	45	32	210	20
Lightech Start NDL	93010295	LED 36 CC 700 TB SH	Plastic TB	White	36	700mA	10-52V	60	no limiter	220-240	0.96	No	91	20	90	Yes	Yes	158	45	32	210	20
Lightech 12W	97399	OT LED12CC350EP GE	Aluminum SL	Black	12	350mA	2.3-35	35	no limiter	120-240	0.5	No	80	67	65	Yes	Yes	102	35	23	170	20
Lightech 12W	97402	OT LED12CC500EP GE	Aluminum SL	Black	12	500mA	2.3-26	26	no limiter	120-240	0.5	No	79	67	65	Yes	Yes	102	35	23	170	20
Lightech 12W	97404	OT LED12CC700EP GE	Aluminum SL	Black	12	700mA	2.3-18	18	no limiter	120-240	0.5	No	79	67	65	Yes	Yes	102	35	23	175	20
Lightech 12W	97405	OT LED12CC700EPLP GE	Aluminum Low Profile	Black	12	700mA	2.3-18	18	no limiter	120-240	0.5	No	79	67	65	Yes	Yes	97	40	23	170	20
Lightech 12W	97397	OT LED12CC1050EP GE	Aluminum SL	Black	12	1050mA	2.3-12.5	13	no limiter	120-240	0.45	No	78	67	65	Yes	Yes	102	35	23	165	20
Lightech 12W	97753	OT LED18CC350EPM GE	Aluminum SL	Black	18	350mA	3-55	55	no limiter	220-240	> 0.4	No	> 83	67	70	Yes	Yes	102	35	23	125	20
Lightech 12W	97750	OT LED18CC700EPM GE	Aluminum SL	Black	18	700mA	2-30	40	no limiter	220-240	> 0.4	No	> 83	67	70	Yes	Yes	102	35	23	135	20
Lightech 12W	97401	OT LED12CC350ET GE	Plastic TB	White	12	350mA	2.3-35	35	no limiter	120-240	0.5	No	80	20	70	Yes	Yes	100	40	27	90	60
Lightech 12W	97403	OT LED12CC500ET GE	Plastic TB	White	12	500mA	2.3-26	26	no limiter	120-240	0.5	No	79	20	70	Yes	Yes	100	40	27	90	60
Lightech 12W	97407	OT LED12CC700ET GE	Plastic TB	White	12	700mA	2.3-18	18	no limiter	120-240	0.5	No	79	20	70	Yes	Yes	100	40	27	90	60
Lightech 12W	97398	OT LED12CC1050ET GE	Plastic TB	White	12	1050mA	2.3-12.5	13	no limiter	120-240	0.5	No	78	67	70	Yes	Yes	100	40	27	90	60

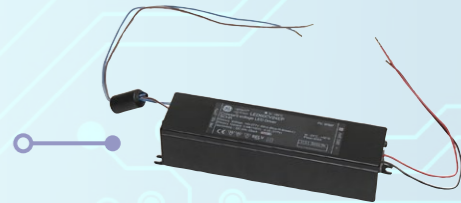
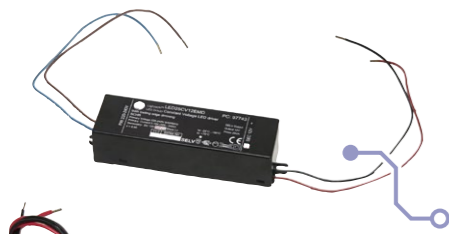
Constant Voltage Drivers

Constant Voltage	Code	Description	Form factor	Colour	Power	Voltage	Secondary current max.	Inrush current	Input voltage range	Power factor	Dimming	Efficiency	IP class	Case temp. max.	ENEC	Class II	Length	Width	Height	Weight	Box qty
					(W)	(V)	(A)	(A)	(V)		(down to %)	(%)		(°C)			(mm)	(mm)	(mm)	(g)	
Lightech 150W	97390	OT LED100CV12EM GE	Extrusion SL	Black	100	12	8.3	2.0	220-240	0.99	No	92	67	80	Yes	Yes	230	66	42	950	20
Lightech 150W	97391	OT LED100CV12EMS GE	Extrusion SL	White	100	12	8.3	2.0	220-240	0.99	No	92	67	80	Yes	Yes	230	66	42	945	20
Lightech 150W	97393	OT LED100CV24EMS GE	Extrusion SL	White	100	24	4.2	2.0	220-240	0.99	No	92	67	80	Yes	Yes	230	66	42	935	20
Lightech 150W	97760	OT LED150CV12EMS GE	Extrusion SL	White	150	12	12.5	2.0	220-240	0.99	No	92	67	90	Yes	Yes	230	66	42	835	20
Lightech 150W	97759	OT LED150CV24EMS GE	Extrusion SL	White	150	24	6.25	2.0	220-240	0.99	No	92	67	90	Yes	Yes	230	66	42	825	20
Lightech 150W	97747	OT LED200CV12EMS GE	Extrusion SL	White	200	12	16.7	2.0	220-240	0.99	No	92	67	90	Yes	Yes	230	66	42	840	20
Lightech 150W	97745	OT LED200CV24EMS GE	Extrusion SL	White	200	24	8.3	2.0	220-240	0.99	No	92	67	90	Yes	Yes	230	66	42	950	20
Lightech 60W	97509	OT LED60CV12EP GE	Aluminum SL	Black	60	12	5.0	7.4	220-240	0.98	No	85	67	80	Yes	Yes	198	44	40	610	20
Lightech 60W	97511	OT LED60CV12EPD GE	Aluminum SL	Black	60	12	5.0	7.4	220-240	0.97	TE (25%)	85	67	80	Yes	Yes	198	44	40	590	20
Lightech 60W	97507	OT LED60CV24EP GE	Aluminum SL	Black	60	24	2.5	7.4	220-240	0.98	No	87	67	80	Yes	Yes	198	44	40	590	20
Lightech 60W	97508	OT LED60CV12EPS GE	Aluminum SL	White	60	12	5.0	7.4	220-240	0.98	No	85	67	80	Yes	Yes	198	44	40	590	20
Lightech 60W	97510	OT LED60CV12EMDS GE	Aluminum SL	White	60	12	5.0	7.4	220-240	0.97	TE (25%)	85	67	80	Yes	Yes	198	44	40	590	20
Lightech 60W	97506	OT LED60CV24EPS GE	Aluminum SL	White	60	24	2.5	7.4	220-240	0.98	No	87	67	80	Yes	Yes	198	44	40	590	20
Lightech 25W	97527	OT LED25CV24EP GE	Aluminum SL	Black	25	24	1.1	6.5	120-240	0.96	No	86	67	75	Yes	Yes	153	40	31	292	24
Lightech 25W	97743	OT LED25CV12EMD GE	Aluminum SL	Black	25	12	2.1	6.5	220-240	0.95	TE (25%)	84	67	75	Yes	Yes	153	40	31	279	24
Lightech 25W	97742	OT LED25CV12EMDS GE	Aluminum SL	White	25	12	2.1	6.5	220-240	0.95	TE (25%)	84	67	75	Yes	Yes	153	40	31	279	24
Lightech 25W	97526	OT LED25CV24EPS GE	Aluminum SL	White	25	24	1.1	6.5	120-240	0.96	No	86	67	75	Yes	Yes	153	40	31	317	24
Lightech 25W	97528	OT LED25CV12ET GE	Plastic TB	White	25	12	2.1	6.5	120-240	0.95	No	84	20	75	Yes	No	157	45	32	267	20
Lightech 25W	97525	OT LED25CV24ET GE	Plastic TB	White	25	24	1.1	6.5	120-240	0.96	No	86	20	75	Yes	Yes	157	45	32	267	20
Lightech 12W	97408	OT LED12CV12EP GE	Aluminum SL	Black	12	12	1.0	25.2	120-240	0.5	No	78	67	65	Yes	Yes	102	35	23	150	20
Lightech 12W	97410	OT LED12CV24EP GE	Aluminum SL	Black	12	24	0.5	25.2	120-240	0.5	No	80	67	65	Yes	Yes	102	35	23	150	20
Lightech 12W	97409	OT LED12CV12ET GE	Plastic TB	White	12	12	1.0	25.2	120-240	0.5	No	78	20	70	Yes	Yes	100	40	27	92	60
Lightech 12W	97412	OT LED12CV24ET GE	Plastic TB	White	12	24	0.5	25.2	120-240	0.5	No	80	20	70	Yes	Yes	100	40	27	92	60

Programmable Drivers

Type	Code	Description	Form factor	Colour	Power	Current	Output voltage	Output voltage max.	Inrush current	Input voltage range	Power factor	Dimming	Efficiency	IP class	Case temp. max.	ENEC	Class II	Length	Width	Height	Weight	Box qty
					(W)	(mA)	(V)	(V)	(A)	(V)		(down to %)	(%)		(°C)			(mm)	(mm)	(mm)	(g)	
Class 1 DALI	93035196	GELD50MV700PDGL	A-can, Metal	Black	50	700	60-150	155		120-277V UL; 220-240V CE	0.9	DALI	89	54	80	No	No	241	43	31	520	10
Class 1 DALI	93035197	GELD100MV480PDGL	A-can, Metal	Black	100	480	170-250	298	120V-48.25; 208V-32.25	120-277V UL; 220-240V CE	0.9	DALI	90	54	80	No	No	241	43	31	520	10
Class 1 0-10V	93019743	GELD50MV700PVGL	A-can, Metal	Black	50	700	60-150	155		120-277V UL; 220-240V CE	0.9	0-10V	89	54	80	No	No	241	43	31	520	10
Class 1 0-10V	93019570	GELD100MV480PVGL	A-can, Metal	Black	100	480	170-250	298	120V-48.25; 208V-32.25	120-277V UL; 220-240V CE	0.9	0-10V	90	54	85	No	No	241	43	31	520	10
UL Class 2 DALI	93012076	GED50MC/D2P1000S	A-can, Metal	Black	50	1000	21-51	58		120-277V UL; 220-240V CE	0.9	DALI	88-90	54	80	No	Yes	241	43	31	520	10
UL Class 2 DALI	93011814	GED90MC/D2P1750S	A-can, Metal	Black	90	1750	23-52	54		120-277V UL; 220-240V CE	0.9	DALI	88-91	54	80	No	Yes	241	43	31	520	10
UL Class 2 0-10V	93011815	GED90MC/V2P1750S	A-can, Metal	Black	90	1750	23-52	55		120-277V UL; 220-240V CE	0.9	0-10V	88-91	54	80	No	Yes	241	43	31	520	10

All products: Supply current frequency: 50/60Hz Storage temp.: -25 / +70°C





Guide to GE description codes

Lightech™ Constant Current and Constant Voltage Drivers eg: (OT LED)18CC700ETD (GE)

<p>Wattage</p> <p>1=1W 2=2W 3=3W 6=6W 12=12W 15=15W 36=36W 55=55W</p>	<p>Type</p> <p>CC=Constant Current CV=Constant Voltage</p>	<p>EMEA</p> <p>E=EMEA range</p>	<p>Dimming</p> <p>D=phase Dimmable DL=DALI or 0-10V dimmable</p>	<p>Case</p> <p>P=Potted M=Metal case S=Signage (white case)</p>	<p>Terminals</p> <p>T or TB =Terminal Block</p>	<p>Protection</p> <p>R=increased EMI protection</p>	<p>mA(max)</p> <p>LP=Low Profile LB=LiteBeetle SL=Side Leads</p>
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Programmable Drivers eg: GED90MC/D2P1750S

<p>GE Driver</p> <p>GED</p>	<p>Wattage</p> <p>6=6W 50=50W 100=100W</p>	<p>Voltage</p> <p>M=120-277 E=220-240 D=Discrete H=347/480</p>	<p>Type</p> <p>C=Constant Current V=Constant Voltage</p>	<p>/</p>	<p>Dimming</p> <p>V=0-10 D=DALI VD=Both P=Phase</p>	<p>Class</p> <p>1=Class1 2=Class2</p>	<p>Output</p> <p>P=Programmable F=Fixed</p>	<p>mA(max)</p> <p>700mA</p>	<p>Connection</p> <p>S=Side lead B=Bottom feed T=Terminal Block</p>
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Efficient and intelligent drivers for next-generation lighting systems

For further information please contact your sales representative or visit us on the web at: <http://www.gelighting.com/eu>

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GE Lighting is constantly developing and improving its products. For this reason, all product descriptions in this brochure are intended as a general guide, and we may change specifications from time to time in the interest of product development, without prior notification or public announcement. All descriptions in this publication present only general particulars of the goods to which they refer and shall not form part of any contract. Data in this guide has been obtained in controlled experimental conditions. However, GE Lighting cannot accept any liability arising from the reliance on such data to the extent permitted.

Imagination at work