



**FKSZ2.E337596**

**Drivers for Light-emitting-diode Arrays, Modules and Controllers - Component**

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**Drivers for Light-emitting-diode Arrays, Modules and Controllers - Component**

See General Information for Drivers for Light-emitting-diode Arrays, Modules and Controllers - Component

**GLACIALTECH INC**

E337596

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Jung He District  
New Taipei, 235 TAIWAN

**LED Driver for Light-emitting-diode Arrays, Modules and Controllers, Suitable for Dry and Damp locations,** Model(s) GP-LS120PH-XXXYYZZZ and GP-LS150PH-VVYYZZZ, where XXX = 227 or 343; VVV = 099, 107, 113, 143, 210, 284 or 428; Y = D (dimming function), A (adjustable function), T (timing function) or blank; Z = 0~9, A~Z or blank.

**LED Driver, Class 2 output,** Model(s) GP-HS10P-12C(X),(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

**LED Driver, Class 2 output,** Model(s) GP-HS10P-24C(X),(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

**LED Driver, Class 2 output,** Model(s) GP-HS10P-36C(X),(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

**LED Driver, Class 2 output,** Model(s) GP-HS10P-48C(X),(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

**LED Driver, Class 2 output,** Model(s) GP-HS10P-52C(X),(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

**LED Driver, Class 2 output,** Model(s) GP-HS15P-12C(X),(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

**LED Driver, Class 2 output,** Model(s) GP-HS15P-12V(X),(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

**LED Driver, Class 2 output,** Model(s) GP-HS15P-22C(X),(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

**LED Driver, Class 2 output,** Model(s) GP-HS15P-24V(X),(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

**LED Driver, Class 2 output,** Model(s) GP-HS15P-30C(X),(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

**LED Driver, Class 2 output,** Model(s) GP-HS15P-36C(X),(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

**LED Driver, Class 2 output,** Model(s) GP-HS15P-36V(X),(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

**LED Driver, Class 2 output,** Model(s) GP-HS15P-42C(X),(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

**LED Driver, Class 2 output,** Model(s) GP-HS15P-48V(X),(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

**LED Driver, Class 2 output,** Model(s) GP-HS15P-52C(X),(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

**LED Driver, Class 2 output,** Model(s) GP-HS15P-52V(X),(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

**LED Driver, Class 2 output,** Model(s) GP-HS25P-(X)(Y), (X) may be 12, 18, 24 or 36 for output Voltage, (Y) = yyy and y may be may be A through Z, 0 through 9 or blank for customer code, Suitable for Dry locations

**LED Driver, Class 2 output,** Model(s) GP-HS25P-(X)(Y), (X) may be 48 or 52 for output Voltage, (Y) = yyy and y may be may be A through Z, 0 through 9 or blank for customer code, Suitable for Dry locations.

**LED Driver, isolated LPS output,** Model(s) GP-LP048P-28zzz #, GP-LP050P-12zzz #, GP-LP050P-24zzz #, GP-LP050P-36zzz #, GP-LP050P-48zzz #, GP-LP060P-12zzz #, GP-LP060P-24zzz #, GP-LP060P-28zzz #, GP-LP060P-36zzz #, GP-LP060P-48zzz #, GP-LP075P-15zzz #, GP-LP075P-16zzz #, GP-LP075P-18zzz #, GP-LP075P-19zzz #, GP-LP075P-20zzz #, GP-LP075P-24zzz #, GP-LP075P-28zzz #, GP-LP075P-36zzz #, GP-LP075P-48zzz #, GP-LP075P-50zzz #

**LED Driver, isolated output,** Model(s) GP-LS050P-12XYZ@, GP-LS050P-24XYZ@, GP-LS050P-36XYZ@, GP-LS050P-48XYZ@, GP-LS070P-12XYZ@, GP-LS070P-24XYZ@, GP-LS070P-30XYZ@, GP-LS070P-36XYZ@, GP-LS070P-48XYZ@, GP-LS070P-54XYZ@

**LED Drivers Other Than Class 2,** Model(s) GP-LC6672-32D, GP-LV6672-32D

**LED Drivers, Isolated Class 2 Output,** Model(s) GP-HS60P-24C1zzz(\$), GP-HS60P-24CA1zzz(\$), GP-HSwwP-xxCyzzz(\*), GP-HSwwP-xxCyzzz(\*\*), GP-LCA048-32D, GP-LCA336-32D, GP-LCB024-32D, GP-LVA048-32D, GP-LVA336-32D, GP-LVB024-32D, GP-RSwwP-xxCyzzz(\*), GP-RSwwP-xxCyzzz(\*\*), GP-TL3536-26, GP-TL7018-26

**LED Drivers, Isolated Class 2 Output,** Model(s) GP-TL7512-27, GP-TL3724-27, GP-TL2536-27

**LED Drivers, Isolated Class 2 Output,** Model(s) GP-TLA012-26, GP-TLA014-26

**LED Drivers, Isolated Limited Output,** Model(s) GP-LS50PH-142Cxyy%, GP-LS70PH-100Cxyy%, GP-LS100PH-71Cxyy%, GP-LS100PH-142Cxyy%, GP-LS100PH-142C1xyy%.

**LED drivers, isolated output,** Model(s) GP-LS100P-12XYZ@, GP-LS100P-24XYZ@, GP-LS100P-30XYZ@, GP-LS100P-36XYZ@, GP-LS100P-48XYZ@, GP-LS120P-48XYZ@, GP-LS150P-12XYZ@, GP-LS150P-24XYZ@, GP-LS150P-30XYZ@, GP-LS150P-36XYZ@, GP-LS150P-42XYZ@, GP-LS150P-48XYZ@

Model No.	Supply Conn. Method	Input					Output					Env. Loc.	Type HL	Type TL	Tref max (°C)	Meas. Tref (°C)	Wired Control Circuit	Phase cut Dimming	
		Volts (V)	Freq (Hz)	Power (W)	Amps (A)	Type	Volts (V)	Freq (Hz)	Power (W)	Amps (A)	Type [a]								
<b>GP-LE036N-12CZZZ zzz can be any alphanumeric character or blank</b>																			
	Leads	100-277Vac	50/60	-	1.0	Non-isolated	9-12Vdc	-	33.6	2.8	CC, Class 2	Dry	-	-	-	-	+	-	-
<b>GP-LE036N-12VZZZ zzz can be any alphanumeric character or blank</b>																			
	Leads	100-277Vac	50/60	-	1.0	Non-isolated	12Vdc	-	36	3.0	CV, Class 2	Dry	-	-	-	-	+	-	-
<b>GP-LE036N-15VZZZ zzz can be any alphanumeric character or blank</b>																			
	Leads	100-277Vac	50/60	-	1.0	Non-isolated	15Vdc	-	36	2.4	CV, Class 2	Dry	-	-	-	-	+	-	-
<b>GP-LE036N-18VZZZ zzz can be any alphanumeric character or blank</b>																			
	Leads	100-277Vac	50/60	-	1.0	Non-isolated	18Vdc	-	36	2.0	CV, Class 2	Dry	-	-	-	-	+	-	-
<b>GP-LE036N-24CZZZ zzz can be any alphanumeric character or blank</b>																			
	Leads	100-277Vac	50/60	-	1.0	Non-isolated	16-24Vdc	-	33.6	1.4	CC, Class 2	Dry	-	-	-	-	+	-	-
<b>GP-LE036N-24VZZZ zzz can be any alphanumeric character or blank</b>																			

	Leads	100-277Vac	50/60	-	1.0	Non-isolated	24Vdc	-	36	1.5	CV, Class 2	Dry	-	-	-	-	+	-	-
<b>GP-LE036N-36CZZZ zzz can be any alphanumeric character or blank</b>																			
	Leads	100-277Vac	50/60	-	1.0	Non-isolated	24-36Vdc	-	37.8	1.05	CC, Class 2	Dry	-	-	-	-	+	-	-
<b>GP-LE036N-36VZZZ zzz can be any alphanumeric character or blank</b>																			
	Leads	100-277Vac	50/60	-	1.0	Non-isolated	36Vdc	-	36	1.0	CV, Class 2	Dry	-	-	-	-	+	-	-
<b>GP-LE036N-48CZZZ zzz can be any alphanumeric character or blank</b>																			
	Leads	100-277Vac	50/60	-	1.0	Non-isolated	36-48Vdc	-	33.6	0.7	CC, Class 2	Dry	-	-	-	-	+	-	-
<b>GP-LE036N-48VZZZ zzz can be any alphanumeric character or blank</b>																			
	Leads	100-277Vac	50/60	-	1.0	Non-isolated	36Vdc	-	48	0.75	CV, Class 2	Dry	-	-	-	-	+	-	-
<b>GP-LE060N-12VZZZ zzz can be any alphanumeric character or blank</b>																			
	Leads	100-277Vac	50/60	-	-	Non-isolated	12Vdc	-	-	-	CC, Class 2	Damp	-	-	-	-	+	-	-
<b>GP-LE100N-12VZZZ zzz can be any alphanumeric character or blank</b>																			
	Leads	100-277Vac	50/60	-	2	Non-isolated	12Vdc	-	102	8.5	CC, Isolated	Damp	-	-	-	-	+	-	-
<b>GP-LE100N-24VZZZ zzz can be any alphanumeric character or blank</b>																			
	Leads	100-277Vac	50/60	-	2	Non-isolated	24Vdc	-	100.8	4.2	CC, Isolated	Damp	-	-	-	-	+	-	-

[a] Identifies if the product itself has isolation between input and output based on the requirements of the standard. Output type (Non-isolated, Isolated, Class 2, LED Class 2) is designated based on the requirements that have been applied.

+ - Not Investigated.

# - zzz can be any alphanumeric or blank for marketing purpose only

% - x=blank without dimmer; x = A with dimmer; yy= any character or number or blank for marketing purpose only.

(\$ ) - zzz may be A through Z, 0 through 9 or blank for marketing purpose only

(\* ) - ww may be 45 or 60; xx may be 12, 24, 36, 42, 48 or 57; y may be A or blank for dimming designation, A means dimmable, blank means non-dimmable; zzz may be A through Z, 0 through 9 or blank for marketing purpose only.

(\*\* ) - ww may be 35 or 26; xx may be 12, 24, 36, 42, 48 or 57; y may be A or blank for dimming designation, A means dimmable, blank means non-dimmable; zzz may be A through Z, 0 through 9 or blank for marketing purpose only

@ - XYZ may be any character or number or blank for marketing purposes only

X - ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only

Marking: Company name, model designation, and the Recognized Component Mark,  .  
Last Updated on 2017-12-29

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