UL Product iQ™

FKSZ2.E337596 - Light-emitting-diode Drivers - Component

Light-emitting-diode Drivers - Component

See General Information for Light-emitting-diode Drivers - Component

GLACIALTECH INC   E337596
6th Fl 346 Sec 2 Jung Shan Rd
Jung He District
New Taipei, 235 TAIWAN

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, 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, GP-TL7512-27, GP-TL3724-27, GP-TL2536-27, GP-TLA012-26, GP-TLA014-26

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	Volts (V)	Freq (Hz)	Power (W)	Amps (A)	Type	Volts (V)	Freq (Hz)	Power (W)	Amps (A)	Type [a]	Env. Loc.	Type HL	Type TL	Tref max (°C)	Meas. Tref (°C)	Wired Control Circuit	Tc	Phase cut Diming
				Input					Output										
GP-CVM100P-12VyZZZ where xx = 12, 24, 36 or 48 means the output voltage rating in unit Vdc where y can be blank, A or D, blank means non-dimmable, A means dimming function with 3 in 1, D means dimming function with DALI where ZZZ can be any alphanumeric character or blank for marketing purposes only.																			
	Leads	100-277Vac	50/60	-	1.5	Non-isolated	12Vdc	-	99.6	8.3	CV, Isolated	Wet	-	-	-	-	b	a	a
GP-CVM100P-24VyZZZ where xx = 12, 24, 36 or 48 means the output voltage rating in unit Vdc where y can be blank, A or D, blank means non-dimmable, A means dimming function with 3 in 1, D means dimming function with DALI where ZZZ can be any alphanumeric character or blank for marketing purposes only.																			
	Leads	100-277Vac	50/60	-	1.5	Non-isolated	24Vdc	-	100.8	4.2	CV, Isolated	Wet	-	-	-	-	b	a	a
GP-CVM100P-36VyZZZ where xx = 12, 24, 36 or 48 means the output voltage rating in unit Vdc where y can be blank, A or D, blank means non-dimmable, A means dimming function with 3 in 1, D means dimming function with DALI where ZZZ can be any alphanumeric character or blank for marketing purposes only.																			
	Leads	100-277Vac	50/60	-	1.5	Non-isolated	36Vdc	-	100.8	2.8	CV, Isolated	Wet	-	-	-	-	b	a	a
GP-CVM100P-48VyZZZ where xx = 12, 24, 36 or 48 means the output voltage rating in unit Vdc where y can be blank, A or D, blank means non-dimmable, A means dimming function with 3 in 1, D means dimming function with DALI where ZZZ can be any alphanumeric character or blank for marketing purposes only.																			
	Leads	100-277Vac	50/60	-	1.5	Non-isolated	48Vdc	-	100.8	2.1	CV, Isolated	Wet	-	-	-	-	b	a	a
GP-CVM200P-12VyZZZ where xx = 12, 24, 36 or 48 means the output voltage rating in unit Vdc where y can be blank, A or D, blank means non-dimmable, A means dimming function with 3 in 1, D means dimming function with DALI where ZZZ can be any alphanumeric character or blank for marketing purposes only.																			
	Leads	100-277Vac	50/60	-	3.15	Non-isolated	12Vdc	-	200.4	16.7	CV, Isolated	Wet	-	-	-	-	b	a	a
GP-CVM200P-24VyZZZ where xx = 12, 24, 36 or 48 means the output voltage rating in unit Vdc where y can be blank, A or D, blank means non-dimmable, A means dimming function with 3 in 1, D means dimming function with DALI where ZZZ can be any alphanumeric character or blank for marketing purposes only.																			
	Leads	100-277Vac	50/60	-	3.15	Non-isolated	24Vdc	-	199.2	8.3	CV, Isolated	Wet	-	-	-	-	b	a	a
GP-CVM200P-36VyZZZ where xx = 12, 24, 36 or 48 means the output voltage rating in unit Vdc where y can be blank, A or D, blank means non-dimmable, A means dimming function with 3 in 1, D means dimming function with DALI where ZZZ can be any alphanumeric character or blank for marketing purposes only.																			

	Leads	100-277Vac	50/60	-	3.15	Non-isolated	36Vdc	-	198	5.5	CV, Isolated	Wet	-	-	-	-	b	a	a

GP-CVM200P-48VyZZZ where xx = 12, 24, 36 or 48 means the output voltage rating in unit Vdc where y can be blank, A or D, blank means non-dimmable, A means dimming function with 3 in 1, D means dimming function with DALI where ZZZ can be any alphanumeric character or blank for marketing purposes only.

	Leads	100-277Vac	50/60	-	3.15	Non-isolated	48Vdc	-	199.2	4.15	CV, Isolated	Wet	-	-	-	-	b	a	a

GP-CVM300P-12VyZZZ where xx = 12, 24, 36 or 48 means the output voltage rating in unit Vdc where y can be blank, A or D, blank means non-dimmable, A means dimming function with 3 in 1, D means dimming function with DALI where ZZZ can be any alphanumeric character or blank for marketing purposes only.

	Leads	100-277Vac	50/60	-	5	Non-isolated	12Vdc	-	249.6	20.8	CV, Isolated	Wet	-	-	-	-	b	a	a

GP-CVM300P-24VyZZZ where xx = 12, 24, 36 or 48 means the output voltage rating in unit Vdc where y can be blank, A or D, blank means non-dimmable, A means dimming function with 3 in 1, D means dimming function with DALI where ZZZ can be any alphanumeric character or blank for marketing purposes only.

	Leads	100-277Vac	50/60	-	5	Non-isolated	24Vdc	-	300	12.5	CV, Isolated	Wet	-	-	-	-	b	a	a

GP-CVM300P-36VyZZZ where xx = 12, 24, 36 or 48 means the output voltage rating in unit Vdc where y can be blank, A or D, blank means non-dimmable, A means dimming function with 3 in 1, D means dimming function with DALI where ZZZ can be any alphanumeric character or blank for marketing purposes only.

	Leads	100-277Vac	50/60	-	5	Non-isolated	36Vdc	-	298.8	8.3	CV, Isolated	Wet	-	-	-	-	b	a	a

GP-CVM300P-48VyZZZ where xx = 12, 24, 36 or 48 means the output voltage rating in unit Vdc where y can be blank, A or D, blank means non-dimmable, A means dimming function with 3 in 1, D means dimming function with DALI where ZZZ can be any alphanumeric character or blank for marketing purposes only.

	Leads	100-277Vac	50/60	-	5	Non-isolated	48Vdc	-	300	6.25	CV, Isolated	Wet	-	-	-	-	b	a	a

GP-CVM400P-12VyZZZ where xx = 12, 24, 36 or 48 means the output voltage rating in unit Vdc where y can be blank, A or D, blank means non-dimmable, A means dimming function with 3 in 1, D means dimming function with DALI where ZZZ can be any alphanumeric character or blank for marketing purposes only.

	Leads	100-277Vac	50/60	-	6.3	Non-isolated	12Vdc	-	320.4	26.7	CV, Isolated	Wet	-	-	-	-	b	a	a

GP-CVM400P-24VyZZZ where xx = 12, 24, 36 or 48 means the output voltage rating in unit Vdc where y can be blank, A or D, blank means non-dimmable, A means dimming function with 3 in 1, D means dimming function with DALI where ZZZ can be any alphanumeric character or blank for marketing purposes only.

	Leads	100-277Vac	50/60	-	6.3	Non-isolated	24Vdc	-	400.8	16.7	CV, Isolated	Wet	-	-	-	-	b	a	a

GP-CVM400P-36VyZZZ where xx = 12, 24, 36 or 48 means the output voltage rating in unit Vdc where y can be blank, A or D, blank means non-dimmable, A means dimming function with 3 in 1, D means dimming function with DALI where ZZZ can be any alphanumeric character or blank for marketing purposes only.

	Leads	100-277Vac	50/60	-	6.3	Non-isolated	36Vdc	-	399.6	11.1	CV, Isolated	Wet	-	-	-	-	b	a	a

GP-CVM400P-48VyZZZ where xx = 12, 24, 36 or 48 means the output voltage rating in unit Vdc where y can be blank, A or D, blank means non-dimmable, A means dimming function with 3 in 1, D means dimming function with DALI where ZZZ can be any alphanumeric character or blank for marketing purposes only.

	Leads	100-277Vac	50/60	-	6.3	Non-isolated	48Vdc	-	398.4	8.3	CV, Isolated	Wet	-	-	-	-	b	a	a

GP-CVP040N-12VL-P02 indicates the output wattage which to 040 in unit W. Where xx indicates the output voltage which may be 12 or 24 in unit Vdc

	Leads	120Vac	50/60	-	0.67	Non-isolated	12Vdc	-	40	3.4	CV, Class 2	Damp	-	-	-	-	a	a	b

GP-CVP040N-24VL-P02 indicates the output wattage which to 040 in unit W. Where xx indicates the output voltage which may be 12 or 24 in unit Vdc.

	Leads	120Vac	50/60	-	0.67	Non-isolated	24Vdc	-	40	1.7	CV, Class 2	Damp	-	-	-	-	a	a	b

<mark>GP-CVP060N-12VL-P02</mark> - indicates the output wattage which to 060 in unit "W". Where "xx" indicates the output voltage which may be 12 in unit "Vdc".

	Leads	120Vac	50/60	-	0.95	Non-isolated	12Vdc	-	60	5	CV, Class 2	Damp	-	-	-	-	a	a	b

<mark>GP-CVP075N-24VL-P02</mark> - refers to where indicates the output wattage which to 075 in unit W. Where xx indicates the output voltage which may be 24 in unit Vdc.

Leads	120Vac	50/60	-	1.1	Non-isolated	24Vdc	-	75	3.2	CV, Class 2	Damp	-	-	-	-	a	a	b

GP-HS10P-12C(X) ,(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a	

GP-HS10P-24C(X) ,(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a	

GP-HS10P-36C(X) ,(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a	

GP-HS10P-48C(X) ,(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a	

GP-HS10P-52C(X) ,(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a	

GP-HS15P-12C(X) ,(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a	

GP-HS15P-12V(X) , (X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a	

GP-HS15P-22C(X) ,(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a	

GP-HS15P-24V(X) ,(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a	

GP-HS15P-30C(X) ,(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a	

GP-HS15P-36V(X) ,(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a	

GP-HS15P-42C(X) ,(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a	

GP-HS15P-48V(X) ,(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a	

GP-HS15P-52C(X) ,(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a	

GP-HS15P-52V(X) ,(X) = ZZZ and Z may be A through Z, 0 through 9 or blank for marketing purpose only.

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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.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a	

GP-HS25P-(X)(Y), 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

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a	

GP-LE036N-12CZZZ zzz can be any alphanumeric character or blank

Leads	100-277Vac	50/60	-	1.0	Non-isolated	9-12Vdc	-	33.6	2.8	CC, Class 2	Dry	-	-	-	+	-	-	

GP-LE036N-12VZZZ zzz can be any alphanumeric character or blank

Leads	100-277Vac	50/60	-	1.0	Non-isolated	12Vdc	-	36	3.0	CV, Class 2	Dry	-	-	-	+	-	-	

GP-LE036N-15VZZZ zzz can be any alphanumeric character or blank

Leads	100-277Vac	50/60	-	1.0	Non-isolated	15Vdc	-	36	2.4	CV, Class 2	Dry	-	-	-	+	-	-	

GP-LE036N-18VZZZ zzz can be any alphanumeric character or blank																		
	Leads	100-277Vac	50/60	-	1.0	Non-isolated	18Vdc	-	36	2.0	CV, Class 2	Dry	-	-	-	-	+	-	-
GP-LE036N-24CZZZ zzz can be any alphanumeric character or blank																		
	Leads	100-277Vac	50/60	-	1.0	Non-isolated	16-24Vdc	-	33.6	1.4	CC, Class 2	Dry	-	-	-	-	+	-	-
GP-LE036N-24VZZZ zzz can be any alphanumeric character or blank																		
	Leads	100-277Vac	50/60	-	1.0	Non-isolated	24Vdc	-	36	1.5	CV, Class 2	Dry	-	-	-	-	+	-	-
GP-LE036N-36CZZZ zzz can be any alphanumeric character or blank																		
	Leads	100-277Vac	50/60	-	1.0	Non-isolated	24-36Vdc	-	37.8	1.05	CC, Class 2	Dry	-	-	-	-	+	-	-
GP-LE036N-36VZZZ zzz can be any alphanumeric character or blank																		
	Leads	100-277Vac	50/60	-	1.0	Non-isolated	36Vdc	-	36	1.0	CV, Class 2	Dry	-	-	-	-	+	-	-
GP-LE036N-48CZZZ zzz can be any alphanumeric character or blank																		
	Leads	100-277Vac	50/60	-	1.0	Non-isolated	36-48Vdc	-	33.6	0.7	CC, Class 2	Dry	-	-	-	-	+	-	-
GP-LE036N-48VZZZ zzz can be any alphanumeric character or blank																		
	Leads	100-277Vac	50/60	-	1.0	Non-isolated	36Vdc	-	48	0.75	CV, Class 2	Dry	-	-	-	-	+	-	-
GP-LE060N-12VZZZ zzz can be any alphanumeric character or blank																		
	Leads	100-277Vac	50/60	-	-	Non-isolated	12Vdc	-	-	-	CC, Class 2	Damp	-	-	-	-	+	-	-
GP-LE100N-12VZZZ zzz can be any alphanumeric character or blank																		
	Leads	100-277Vac	50/60	-	2	Non-isolated	12Vdc	-	102	8.5	CC, Isolated	Damp	-	-	-	-	+	-	-
GP-LE100N-24VZZZ zzz can be any alphanumeric character or blank																		
	Leads	100-277Vac	50/60	-	2	Non-isolated	24Vdc	-	100.8	4.2	CC, Isolated	Damp	-	-	-	-	+	-	-
GP-LS100PH-142C1xyy%.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a
GP-LS100PH-142Cxyy%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a
GP-LS100PH-71Cxyy%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a
GP-LS120PH-XXXYZZZ , 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.																		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a
GP-LS150PH-VVVYZZZ , 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.																		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a
GP-LS50PH-142Cxyy%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a
GP-LS70PH-100Cxyy%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	a	a

[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.

Wired Control Circuit: a = This device does not have a wired control circuit, b = This device has a wired control circuit that is isolated per Supplement SF, c = This device has a wired control circuit that is nonisolated per Supplement SF, + = Not evaluated

Phase-cut Dimming: a = This device has not been evaluated per Supplement SH, b = This device has been evaluated per Supplement SH, c = This device has been evaluated per Supplement SH for use with specific dimmer models - see UL Report.

\# - 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 2020-07-20