

T12 High Output

T12 Electronic and High Output Ballasts

35727 – GE296HO-MVPS-N

T12 High Output ProLine® T12 Multivolt 120V – 277V

2 or 1 – F96T12 HO RS 120 to 277 Multivolt ProLine®

General characteristics

Ballast Type	Electronic – Programmed/ Rapid Start
Starting Method	Rapid start
Lamp Wiring	Series
Line Voltage Regulation (+/-)	10%
Ambient Temperature (MAX)	105°F (41°C)
Case Temperature (MAX)	75°C (167°F)
Ballast Factor	Normal
Power Factor Correction	Active
Sound Rating	A (20-24 decibels)
Additional Info	Auto-restart, Thermally protected

Electrical characteristics

Supply Current Frequency	50 Hz/60 Hz
--------------------------	-------------

Order information

Std. pack	Pallet Pack	DIY Pack	IP Pack
35727		72109	

Specifications by lamp and wattage

Lamp	# of Lamps	Line Volts	System Watts	Nom. Line Current	System Ballast Factor	Ballast Efficacy Factor	Power Factor % (>=)	Crest Factor (<=)	THD% (<=)	Min. Starting Temp (°F/°C)
F96T12/HO/ WM	2	120	164	1.38 A	0.90	0.55	99	1.7	10	60/16
	2	277	164	0.62 A	0.90	0.55	99	1.7	10	60/16
	2	120	196	1.65 A	0.90	0.46	99	1.7	10	-20/-29
F96T12/HO	2	277	196	0.73 A	0.90	0.46	97	1.7	10	-20/-29
	1	120	104	0.88 A	0.92	0.88	99	1.7	15	-20/-29
	1	277	104	0.42 A	0.92	0.88	95	1.7	15	-20/-29
F72T12/HO	2	120	154	1.30 A	0.90	0.58	99	1.7	10	-20/-29
	2	277	154	0.57 A	0.90	0.58	96	1.7	10	-20/-29
F70T8	2	120	120	1.17 A	0.90	0.75	99	1.7	10	-20/-29
	2	277	119	0.52 A	0.90	0.76	97	1.7	10	-20/-29
F60T12/HO	2	120	132	0.50 A	0.90	0.68	96	1.7	10	-20/-29
	2	277	132	0.50 A	0.90	0.68	96	1.7	10	-20/-29
F48T12/HO	2	120	112	0.95 A	0.90	0.80	99	1.7	15	-20/-29
	2	277	113	0.43 A	0.90	0.80	95	1.7	15	-20/-29

Safety and performance

cUL Listed  UL Listed FCC Part 18 (Class A) Non Consumer

Dimensions

Wiring diagram – LFL PS2 – see example on page 14-6

Case dimensions – Ref Drawing SL – see page 14-7

Length (L)	11.75 in (299 mm)
Width (W)	2.15 in (55 mm)
Height (H)	1.61 in (41 mm)

Mounting dimensions

Mount Length (M)	11.0 in (279 mm)
Mount Width (X or F)	2.15 in (55 mm)
Mount Slots (MS)	
Weight	
Exit Type	Side
Remote Mounting Distance to Lamp*	
Remote Mounting Wire Gauge	

* See gelighting.com for wire lengths. Different for 10 pg vs. DIY pack.

T12 High Output

T12 Electronic and High Output Ballasts

35727 – GE296HO-MVPS-N

T12 High Output ProLine® T12 Multivolt 120V – 277V

2 or 1 – F96T12 HO RS 120 to 277 Multivolt ProLine®

General characteristics

Ballast Type	Electronic – Programmed/ Rapid Start
Starting Method	Rapid start
Lamp Wiring	Series
Line Voltage Regulation (+/-)	10%
Ambient Temperature (MAX)	105°F (41°C)
Case Temperature (MAX)	75°C (167°F)
Ballast Factor	Normal
Power Factor Correction	Active
Sound Rating	A (20-24 decibels)
Additional Info	Auto-restart, Thermally protected

Electrical characteristics

Supply Current Frequency	50 Hz/60 Hz
--------------------------	-------------

Order information

Std. pack	Pallet Pack	DIY Pack	IP Pack
35727		72109	

Specifications by lamp and wattage

Lamp	# of Lamps	Line Volts	System Watts	Nom. Line Current	System Ballast Factor	Ballast Efficacy Factor	Power Factor % (>=)	Crest Factor (<=)	THD% (<=)	Min. Starting Temp (°F/°C)
F96T12/HO/ WM	2	120	164	1.38 A	0.90	0.55	99	1.7	10	60/16
	2	277	164	0.62 A	0.90	0.55	99	1.7	10	60/16
	2	120	196	1.65 A	0.90	0.46	99	1.7	10	-20/-29
F96T12/HO	2	277	196	0.73 A	0.90	0.46	97	1.7	10	-20/-29
	1	120	104	0.88 A	0.92	0.88	99	1.7	15	-20/-29
	1	277	104	0.42 A	0.92	0.88	95	1.7	15	-20/-29
F72T12/HO	2	120	154	1.30 A	0.90	0.58	99	1.7	10	-20/-29
	2	277	154	0.57 A	0.90	0.58	96	1.7	10	-20/-29
F70T8	2	120	120	1.17 A	0.90	0.75	99	1.7	10	-20/-29
	2	277	119	0.52 A	0.90	0.76	97	1.7	10	-20/-29
F60T12/HO	2	120	132	0.50 A	0.90	0.68	96	1.7	10	-20/-29
	2	277	132	0.50 A	0.90	0.68	96	1.7	10	-20/-29
F48T12/HO	2	120	112	0.95 A	0.90	0.80	99	1.7	15	-20/-29
	2	277	113	0.43 A	0.90	0.80	95	1.7	15	-20/-29

Safety and performance

cUL Listed  UL Listed FCC Part 18 (Class A) Non Consumer

Dimensions

Wiring diagram – LFL PS2 – see example on page 14-6

Case dimensions – Ref Drawing SL – see page 14-7

Length (L)	11.75 in (299 mm)
Width (W)	2.15 in (55 mm)
Height (H)	1.61 in (41 mm)

Mounting dimensions

Mount Length (M)	11.0 in (279 mm)
Mount Width (X or F)	2.15 in (55 mm)
Mount Slots (MS)	
Weight	
Exit Type	Side
Remote Mounting Distance to Lamp*	
Remote Mounting Wire Gauge	

* See gelighting.com for wire lengths. Different for 10 pg vs. DIY pack.