

Specifications Guide

UVB Ballasts

UVB424T6-1000-120-240V-SL

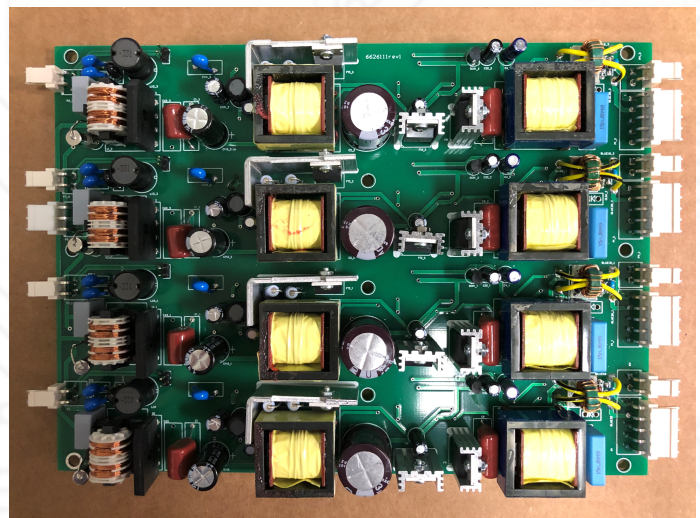
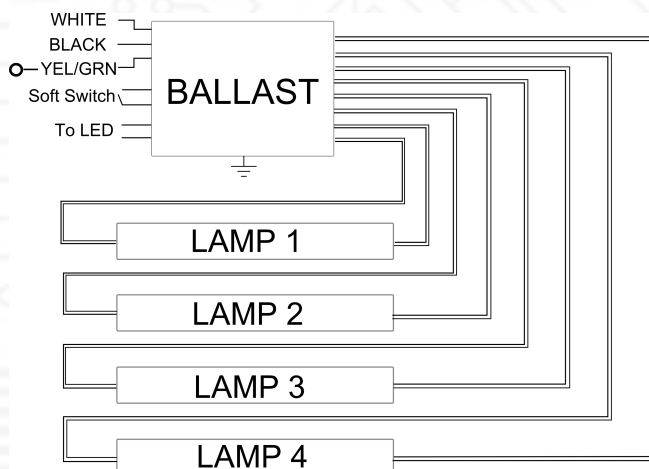
Amalgam

Lamp Type / Catalog #	Manufacturer	Num. of Lamps	Power (W)	Current (A)
GHO534T6L/VH/4P	Light Sources	4	50	1.0
GHOU76-305T6L/VH/4P	Light Sources	4	50	1.0

Ballast Specifications

Ballast type:	Program Start (PS)	Operating frequency:	> 32kHz
Number of lamps:	4	Lamp current crest factor:	1.7 or less
Normal input voltage:	120-240V, +/- 10%, 50-60 Hz	Power factor:	> 95%
Input current THD:	< 10%	Efficiency:	> 90%
Input current:	1.80A(120V)/0.92A(277V)	Ballast shut down/protection:	EOL/OC
Input power:	215W @ full load	Ambient temperature:	0-40°C
Approvals:	UL/cUL Recognized, Class- “P”, Indoor, Type 1, CE	Case maximum temperature:	75°C
		Output lamp current:	1000mA
		Sound rating:	“A”

Wiring Diagram and PCB Photo



8.5”(L)x6.25”(W)x1.25”(H)



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Features

- 1) Blue LEDs - Indicate UV lamps are running, the LED will be on each ballast and also LED terminals for remote monitoring.
- 2) Remote control (soft) switch - ballast to have ability to soft switch the ballast operation. Two terminals will be provided for remote connections. With the soft switch functionality the ballast will only operate UV lamp when sensing the remote signal to show that the door for UV device is closed properly, without safety issue.
- 3) Mounting holes - The ballast will have 9 mounting holes to accommodate plastic standoff.
- 4) Weight of ballast PCB: 1.5 lb.

Ballast Connections/Terminals

I/O	Connection	Terminals &PN
Input	Line	P3
	Neutral	
	Earth	
Output	Lamp filament 1	P1, P1_1, P1_2, P1_3
	Lamp filament 1	
	Lamp filament 2	
	Lamp filament 2	
Soft Switch	Control switch 1	P2, P2_1, P2_2, P2_3
	Control switch 2	
Blue LED	LED interface 1	P4, P4_1, P4_2, P4_3
	LED interface 2	



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