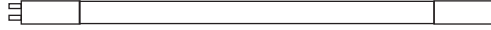


# SHD21-230-L-I

## Electronic Ballast For Use With UV & Tanning Applications

This Ballast Will Operate Following Lamps:



1 x GPHHVA700T6VH(142W), 1 x GPHHVA1000T6VH(207W), 1 x GPHHA1554T6VH(320W)  
 1 x GPHHA1554-T6L(320W), 1 x NNI300/147XL(325W)

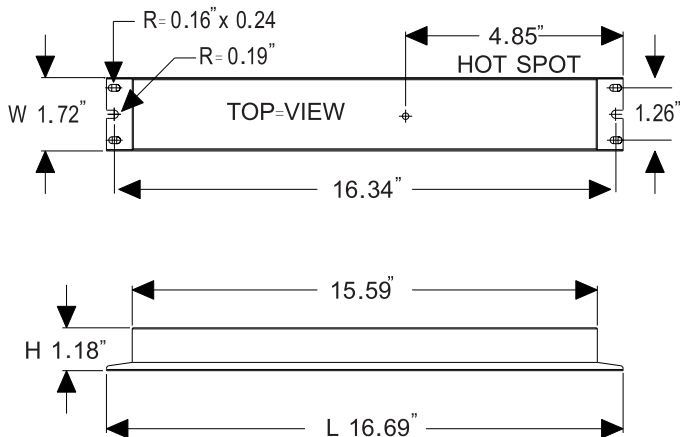
### General Specifications

Input Voltage	230-240VAC ±10%, 50 / 60Hz
EMI / RFI Compliance	FCC Part 18-A
Sound Rating	" A "
Ballast Type	Pre Heat Start, Type CC
Voltage Transients	ANSI 62.41
Thermal Protection	Automatic resetting thermal switch
Input Protection	Fuse
Output Protection	Yes
Protection	Inherent Thermal Protection
Min. Operating Temp	0°C (32°F)
Max. Case Temp	70°C (158°F)
Dimming	0-10V (any suitable dimmer), Class 2 Circuit
Approvals Class	UL / cUL Listed, Class "P", 1 or 2 Outdoor
Warranty	3 Years from the date of manufacture when properly installed

### Electrical Data

Lamp Wattage / Type	Lamps Operated	Input Wattage	Line Current	Power Factor	Current Factor	THD
GPHHVA700T6VH (142W UV T6)	1	134	0.60	>0.95	<1.7	<10%
GPHHVA1000T6VH (207W UV T6)	1	180	0.80	>0.95	<1.7	<10%
GPHHA1554T6VH (320W UV T6)	1	359	1.64	>0.95	<1.7	<10%
GPHHA1554-T6L (320W UV T6)	1	359	1.64	>0.95	<1.7	<10%
NNI300/147XL (325W UV T6)	1	308	1.35	>0.95	<1.7	<10%

### Mechanical Data

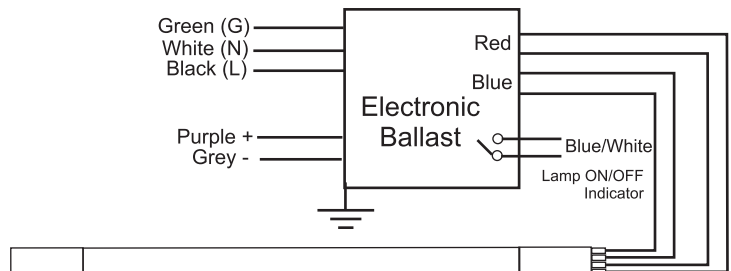


Note: This ballast case must be grounded

### Wiring Diagram

Wire Color	Length (Inches)	Wire Color	Length (Inches)
Black (18AWG)	7.87" ±0.5"	Red (18AWG)	8.86" ±0.5"
White (18AWG)	7.87" ±0.5"	Blue (18AWG)	8.86" ±0.5"
Green (18AWG)	7.87" ±0.5"	Blue/White (18AWG)	8.86" ±0.5"
Purple (18AWG)	7.87" ±0.5"		
Gray (18AWG)	7.87" ±0.5"		

Indicator Signal:  
 White/Blue wire conduct, lamp works normal;  
 White/Blue wire doesn't conduct, lamp doesn't work normal;  
 Max working current 0.5A.



NOTE : This Ballast Case Must Be Grounded