

## SPECIFICATION SHEET : SHS11-UNV-H

This Is An Original Product From Fulham Co., Inc

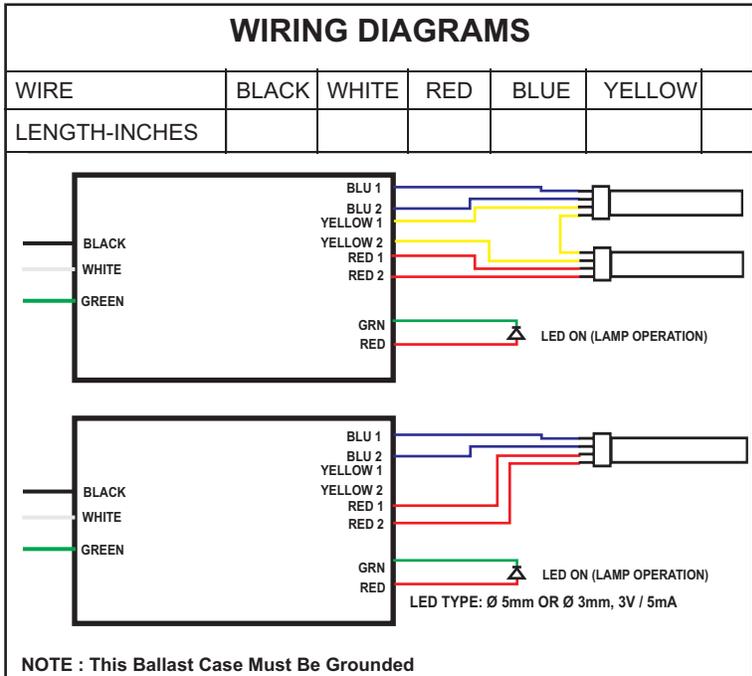
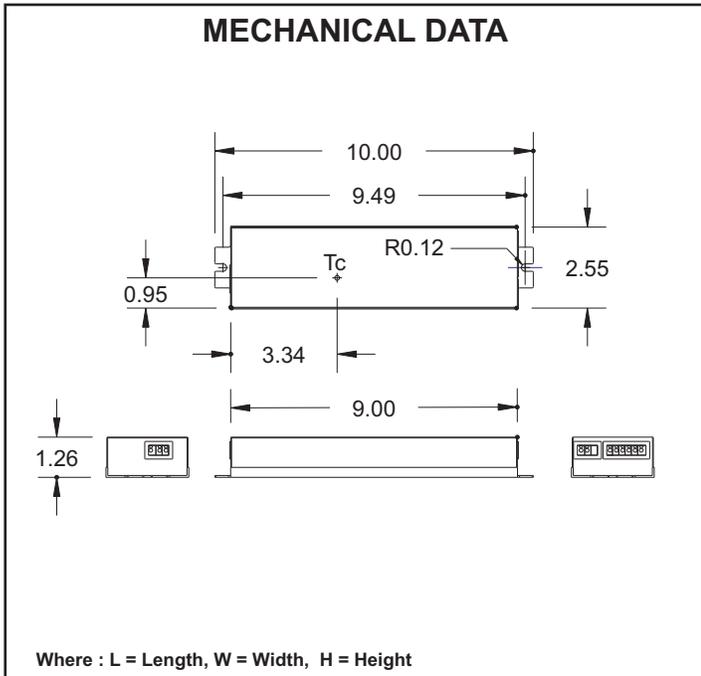
**Description : Sun Horse electronic ballast developed for use with UV & tanning lamp applications**

**This Ballast Will Operate Following Lamps.**  
 40-95W T5 800mA UV lamps  
 GHO893T5L (95W), GHO846T5L (90W), GHO36T5L (87W),  
 GHO436T5L (48W), GHO357T5L (40W)  
 GHO64T5L (155W) T5 800mA UV lamps,  
 HRMS01-T5-UVC



### ELECTRICAL DATA (120V APPLICATION)

INPUT VOLT: 120V ± 10%, 50/60Hz							
LAMP WATTS/TYPE	GHO64T5L	GHO893T5L	GHO36T5L	GPH846T5L/HO	GHO436T5L	GPH357T5L/HO	HRMS01-T5-UVC
LAMPS OPERATED	1						
INPUT WATTS	139	91	86	82	44	35	52
LINE CURRENT:	1.16	0.75	0.72	0.68	0.37	0.30	0.44
POWER FACTOR	0.99	0.99	0.99	0.99	0.99	0.98	0.99
BALLAST FACTOR	1.01	1.05	1.05	1.04	1.06	1.06	1.06
EFFICACY FACTOR	0.73	1.15	1.21	1.28	2.43	3.04	2.03
THD	5%	7%	7%	8%	12%	15%	11%
CURRENT CREST FACTOR	<1.7						
EMI/RFI COMPLIANCE	FCC PART 18-B (Consumer)						
SOUND RATING	"A"						
BALLAST TYPE	PROGRAMMED START						
VOLTAGE TRANSIENTS	ANSI 62.41						
INPUT/PROTECTION	FUZE						
OUTPUT/PROTECTION	EOL						
MIN. OPERATING TEMP	-20°C ( -4°F )						
MAX. CASE TEMP	70°C ( 158°F )						
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", TYPE 1 OUTDOOR , CE						



Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 5 years from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham product catalog ([www.fulham.com](http://www.fulham.com))  
**Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described.**

## SPECIFICATION SHEET : SHS11-UNV-H

This Is An Original Product From Fulham Co., Inc

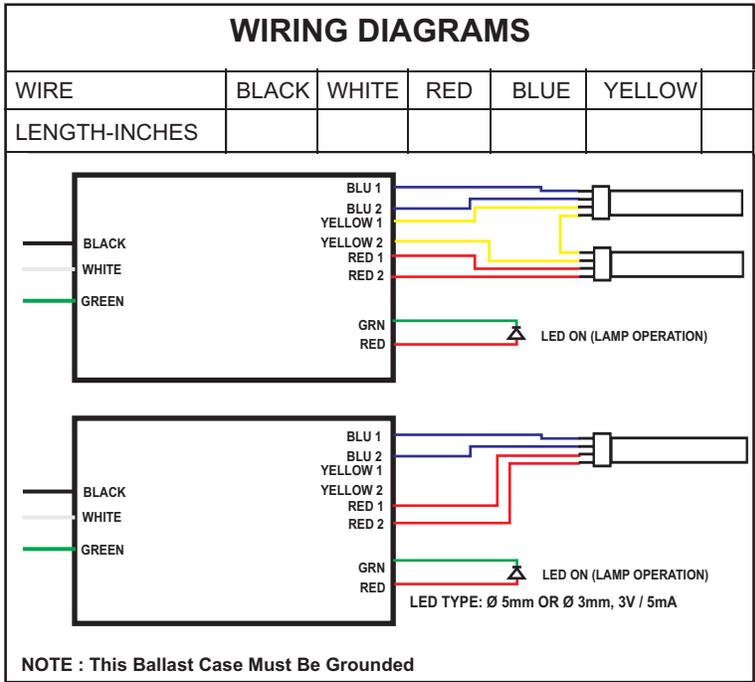
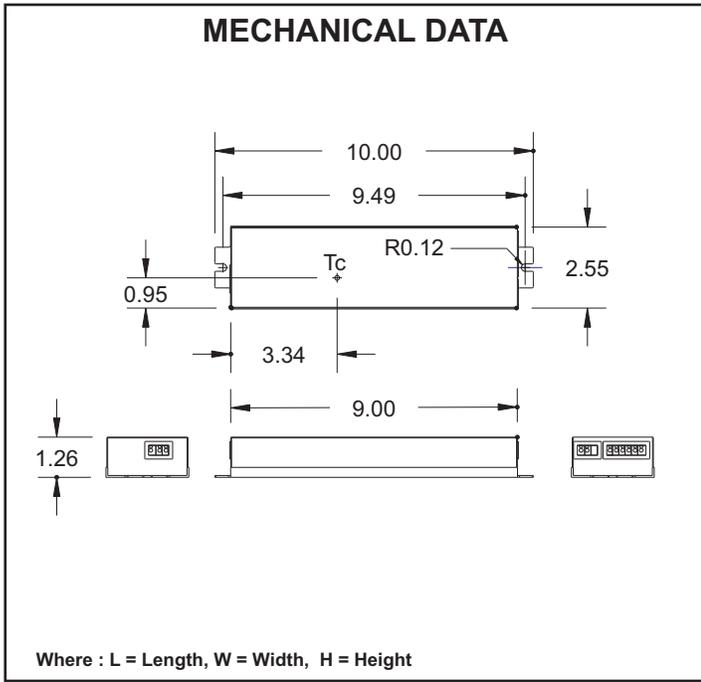
**Description : Sun Horse electronic ballast developed for use with UV & tanning lamp applications**

**This Ballast Will Operate Following Lamps.**  
 40-95W T5 800mA UV lamps  
 GHO893T5L (95W), GHO846T5L (90W), GHO36T5L (87W),  
 GHO436T5L (48W), GHO357T5L (40W)  
 GHO64T5L (155W) T5 800mA UV lamps,  
 HRMS01-T5-UVC



### ELECTRICAL DATA (120V APPLICATION)

INPUT VOLT: 120V ± 10%, 50/60Hz						
LAMP WATTS/TYPE	GHO893T5L	GHO36T5L	GPH846T5L/HO	GHO436T5L	GPH357T5L/HO	HRMS01-T5-UVC
LAMPS OPERATED	2					
INPUT WATTS	170	163	151	81	62	99
LINE CURRENT:	1.42	1.37	1.25	0.68	0.52	0.83
POWER FACTOR	0.99	0.99	0.99	0.99	0.99	0.99
BALLAST FACTOR	0.93	0.95	0.95	1.02	1.02	1.01
EFFICACY FACTOR	0.55	0.58	0.63	1.25	1.64	1.01
THD	4%	4%	5%	8%	10%	7%
CURRENT CREST FACTOR	<1.7					
EMI/RFI COMPLIANCE	FCC PART 18-B (Consumer)					
SOUND RATING	" A "					
BALLAST TYPE	PROGRAMMED START					
VOLTAGE TRANSIENTS	ANSI 62.41					
INPUT/PROTECTION	FUSE					
OUTPUT/PROTECTION	EOL					
MIN. OPERATING TEMP	-20°C ( -4° F )					
MAX. CASE TEMP	70°C ( 158° F )					
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", TYPE 1 OUTDOOR , CE					



Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 5 years from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham product catalog ([www.fulham.com](http://www.fulham.com))  
**Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described.**

## SPECIFICATION SHEET : SHS11-UNV-H

This Is An Original Product From Fulham Co., Inc

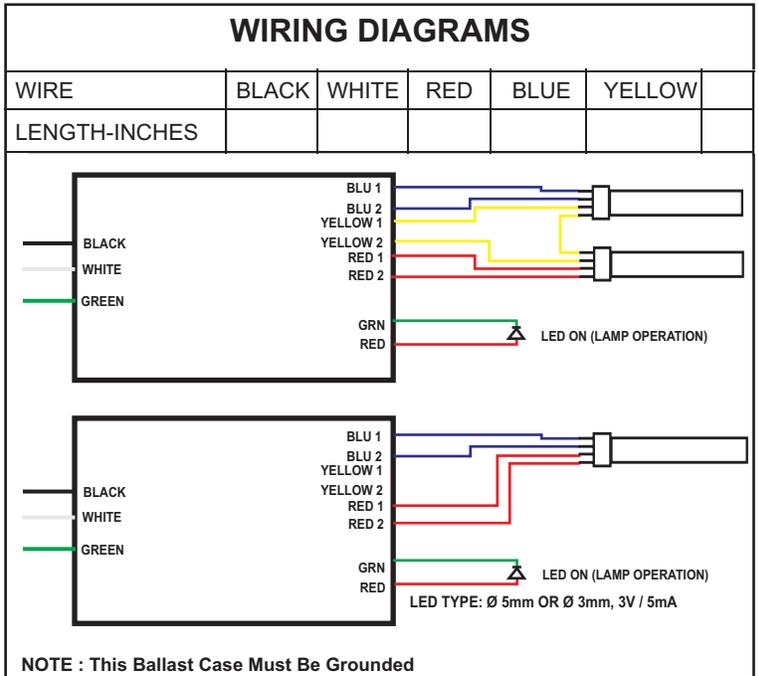
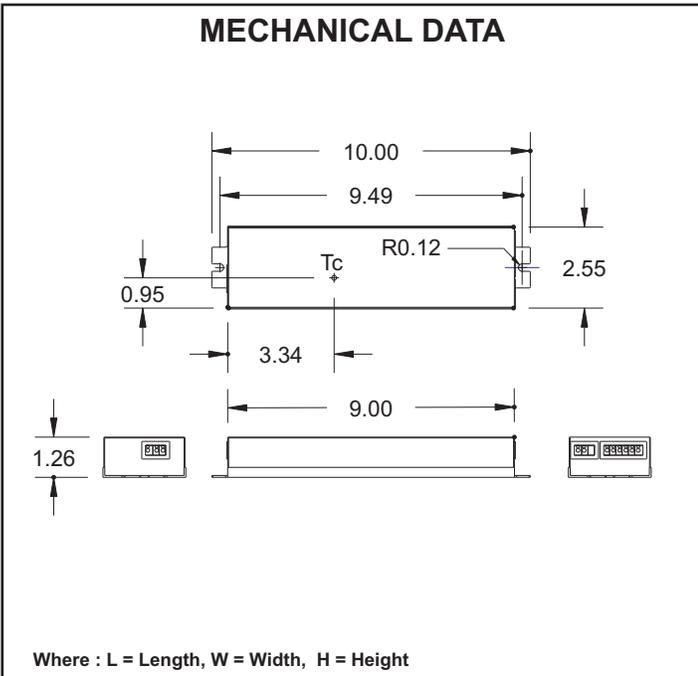
**Description : Sun Horse electronic ballast developed for use with UV & tanning lamp applications**

**This Ballast Will Operate Following Lamps.**  
 40-95W T5 800mA UV lamps  
 GHO893T5L (95W), GHO846T5L (90W), GHO36T5L (87W),  
 GHO436T5L (48W), GHO357T5L (40W)  
 GHO64T5L (155W) T5 800mA UV lamps,  
 HRMS01-T5-UVC



### ELECTRICAL DATA (277V APPLICATION)

INPUT VOLT: 277V ± 10%, 50/60Hz							
LAMP WATTS/TYPE	GHO64T5L	GHO893T5L	GHO36T5L	GPH846T5L/HO	GHO436T5L	GPH357T5L/HO	HRMS01-T5-UVC
LAMPS OPERATED	1						
INPUT WATTS	137	91	87	83	46	37	54
LINE CURRENT:	0.51	0.35	0.33	0.32	0.20	0.17	0.23
POWER FACTOR	0.97	0.94	0.94	0.93	0.82	0.77	0.86
BALLAST FACTOR	1.00	1.04	1.04	1.04	1.06	1.06	1.06
EFFICACY FACTOR	0.73	1.14	1.21	1.26	2.31	2.86	1.94
THD	11%	17%	17%	18%	28%	35%	29%
CURRENT CREST FACTOR	<1.7						
EMI/RFI COMPLIANCE	FCC PART 18-B (Consumer)						
SOUND RATING	" A "						
BALLAST TYPE	PROGRAMMED START						
VOLTAGE TRANSIENTS	ANSI 62.41						
INPUT/PROTECTION	FUSE						
OUTPUT/PROTECTION	EOL						
MIN. OPERATING TEMP	-20°C ( -4° F )						
MAX. CASE TEMP	70°C ( 158° F )						
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", TYPE 1 OUTDOOR , CE						



Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 5 years from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham product catalog ([www.fulham.com](http://www.fulham.com))  
**Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described.**

## SPECIFICATION SHEET : SHS11-UNV-H

This Is An Original Product From Fulham Co., Inc

**Description : Sun Horse electronic ballast developed for use with UV & tanning lamp applications**

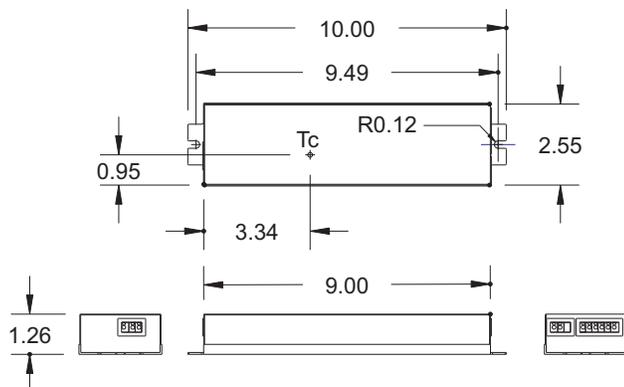
**This Ballast Will Operate Following Lamps.**  
 40-95W T5 800mA UV lamps  
 GHO893T5L (95W), GHO846T5L (90W), GHO36T5L (87W),  
 GHO436T5L (48W), GHO357T5L (40W)  
 GHO64T5L (155W) T5 800mA UV lamps,  
 HRMS01-T5-UVC



### ELECTRICAL DATA (277V APPLICATION)

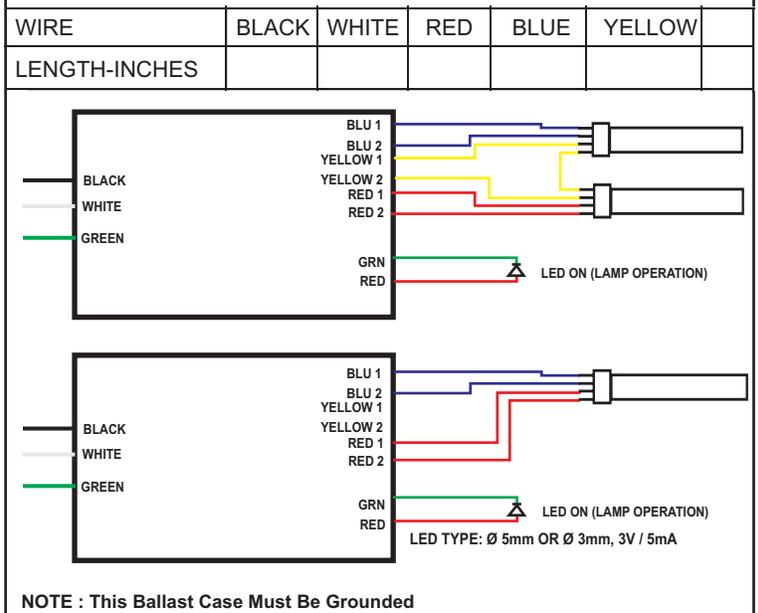
INPUT VOLT: 277V ± 10%, 50/60Hz						
LAMP WATTS/TYPE	GHO893T5L	GHO36T5L	GPH846T5L/HO	GHO436T5L	GPH357T5L/HO	HRMS01-T5-UVC
LAMPS OPERATED	2					
INPUT WATTS	167	161	149	82	64	99
LINE CURRENT:	0.61	0.59	0.55	0.32	0.26	0.38
POWER FACTOR	0.98	0.98	0.98	0.93	0.90	0.95
BALLAST FACTOR	0.93	0.95	0.95	1.02	1.02	1.01
EFFICACY FACTOR	0.56	0.59	0.64	1.24	1.60	1.01
THD	9%	10%	11%	19%	22%	18%
CURRENT CREST FACTOR	<1.7					
EMI/RFI COMPLIANCE	FCC PART 18-B (Consumer)					
SOUND RATING	" A "					
BALLAST TYPE	PROGRAMMED START					
VOLTAGE TRANSIENTS	ANSI 62.41					
INPUT/PROTECTION	FUSE					
OUTPUT/PROTECTION	EOL					
MIN. OPERATING TEMP	-20°C ( -4° F )					
MAX. CASE TEMP	70°C ( 158°F )					
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", TYPE 1 OUTDOOR , CE					

### MECHANICAL DATA



Where : L = Length, W = Width, H = Height

### WIRING DIAGRAMS



Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 5 years from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham product catalog ([www.fulham.com](http://www.fulham.com))  
**Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described.**