



**Discontinued**  
Contact Fulham for availability. Not for use in new designs.

## SPECIFICATION SHEET : WH45-UNV-L

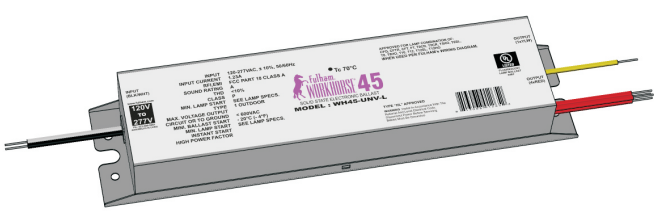
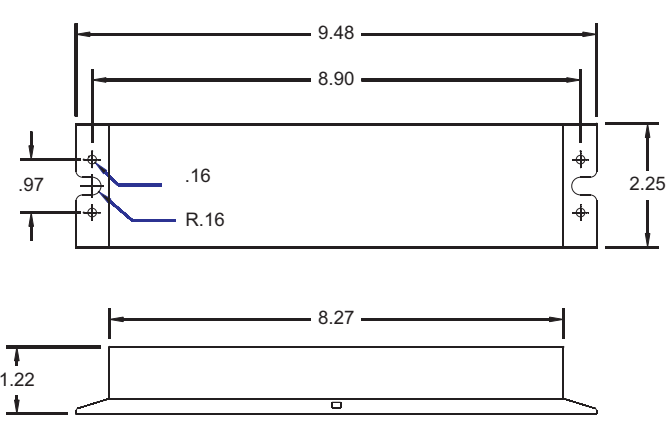
This Is An Original Product From Fulham Co., Inc

**Description : WORKHORSE Electronic Ballast.  
Parallel Lamp Operation.**

**\* This Ballast Will Operate The Following Lamp Types:  
CFQ, CFTR, CFT, FT, T9CR, T5CR, T5HO, T6SL, T8, T8HO, T10, T12, T12SL, T12HO  
WHEN USED PER FULHAM'S LAMP/BALLAST WIRING DIAGRAM.**

### ELECTRICAL DATA ( Universal, 120 - 277V)

INPUT VOLT: 120V - 277V ± 10%, 50/60Hz	
LAMP TYPE	CFQ, CFTR, CFT, FT, T9CR, T5CR, T5HO, T6SL, T8, T8HO, T10, T12, T12SL, T12HO
WIRING DIAGRAM #	REFER TO EACH LAMP TYPE / WATTAGE / No. OF LAMPS FOR WIRING DIAGRAM CHART
POWER FACTOR	HIGH POWER FACTOR
THD	< 10% @ FULL POWER
EMI/RFI COMPLIANCE	FCC PART 18-A
SOUND RATING	" A "
BALLAST TYPE	INSTANT START
VOLTAGE TRANSIENTS	ANSI C82.11 - 1993 / C62.41
MIN. OPERATING TEMP	0 °C ( 32 °F )
MAX. CASE TEMP	70 °C ( 158 °F )
APPROVALS/CLASS	UL LISTED, CLASS " P ", 1 OUTDOOR
* NOTE:	PLEASE CONTACT FULHAM CUSTOMER SERVICES FOR PERTICULAR LAMP SPECS.

<p><b>IMAGE</b></p>  <p><b>NOTE : This ballast case must be grounded</b></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th style="text-align: left;">WIRE</th> <th>BLACK</th> <th>WHITE</th> <th>RED</th> <th>BLUE</th> <th>YELLOW</th> <th>BROWN</th> </tr> <tr> <th style="text-align: left;">LENGTH - INCHES</th> <td>18 ± 1"</td> <td>18 ± 1"</td> <td>36 ± 1"</td> <td>-</td> <td>36 ± 1"</td> <td>-</td> </tr> </table>	WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN	LENGTH - INCHES	18 ± 1"	18 ± 1"	36 ± 1"	-	36 ± 1"	-	<p><b>MECHANICAL DATA</b></p>  <p style="text-align: center; margin-top: 10px;">Where : L = Length, W = Width, H = Height</p>
WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN									
LENGTH - INCHES	18 ± 1"	18 ± 1"	36 ± 1"	-	36 ± 1"	-									

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.**