



# FIREHORSE

FULHAM



## Fluorescent Emergency Ballasts

*High performance, flexible emergency backup for fluorescent*



- Wide range of lamp and ballast compatibility
- CEC Title 20 Compliant models available
- UL listed for damp locations
- Integrated LED power indicator/test switch
- Factory or field installation

*FireHorse fluorescent emergency ballasts provide at least 90 minutes of reliable illumination during power outages. They are compatible with a wide range of fluorescent lamps and a growing selection of common TLEDs, and feature universal voltage, CEC Title 20 Compliant models that draw less than 1W in standby mode. The low profile design allows for integral mounting in the factory or field.*

## Specifications

Operating Voltage	FH4: Dual 120 / 277V	Fixture Wiring	Switched or Unswitched
	FH7, FH11, FH12: UNV 120 - 277V	Minimum Emergency Operation	90 Mins.
Frequency	50/60Hz	Min. Required Charging Time	24 Hours
Regulatory Compliance	Meets or Exceeds N.E.C./LSC	Battery Type	High Temp. Long Life Rechargeable NiCd
Test Switch / Indicator	LED Push Button	Optional Wall Plate: FHSWLPWH	Used for remote mounting of test switch

## FireHorse Ballast Models

Model Number	Initial Lumen Output (lm)	AC Input (W)	Standby Power Rating (W)	Max Charge Current		Battery Voltage (VDC)	Battery Rating (Wh)	Dimensions (L x W x H)	Weight (lbs)	Warranty (Yrs.)
FH4-DUAL-700L	700	2.4	N/A	120VAC: 270mA	277VAC: 250mA	3.6	14.4	9.4" x 2.4" x 1.5"	2.8	3
FH7-UNV-500L-CEC*	500	3	0.7	120VAC: 50mA	277VAC: 30mA	6.0	12.0	9.60" x 2.16" x 1.13"	1.7	5
FH11-UNV-750L-CEC*	750	4	0.4	120VAC: 50mA	277VAC: 30mA	3.6	14.4	9.37" x 2.33" x 1.53"	2.0	
FH11-UNV-750L-CEC-A*†	750	4	0.4	120VAC: 50mA	277VAC: 30mA	3.6	14.4	9.37" x 2.33" x 1.53"	2.0	
FH12-UNV-1400L-CEC*	1400	4	0.7	120VAC: 60mA	277VAC: 40mA	12.0	24.0	14.58" x 2.17" x 1.23"	1.7	

\* California Energy Commission Small Battery Charging Title 20 compliant

† Conduit feed

**FireHorse Lamp Operation** | **Also works with TLEDs.** Check lamp manufacturers' specifications for compatibility.

LAMP APPLICATIONS	FH4	FH7	FH11	FH12
<b>FT - 4 pin</b>				
FT18W		1	2	
FT24W		1	1 or 2	2
FT27W		1	1 or 2	
FT36W	1 or 2	1	1	1 or 2
FT39W		1	1	
FT40W	1	1	1	1
FT50W	1		1	
FT55W	1		1	1
<b>CFQ - 4 pin</b>				
CFQ13W		1	2	
CFQ18W		1		2
CFQ26W		1	1	2
<b>CFTR - 4 pin</b>				
CFTR13W		1	2	
CFTR18W		1	2	
CFTR26W		1	2	
CFTR32W		1	1	2
CFTR42W		1	1	
CFTR57W	1			
<b>Circular-FCRT5</b>				
22WCRT5	1 or 2	1	1	
40WCRT5	1 or 2	1		1
55WCRT5	1		1	
<b>Circular-FCRT9</b>				
32WCRT9		1	1	
40WCRT9		1	1	
<b>2D - 4 pin</b>				
2D21W		1		
2D28W	1 or 2	1	1 or 2	1 or 2
2D38W	1	1	1 or 2	1 or 2
2D55W	1			

LAMP APPLICATIONS	FH4	FH7	FH11	FH12
<b>T5-Standard</b>				
F14T5		1	1	2
F21T5	1 or 2	1	1	1
F28T5	1	1	1	1
F35T5	1		1	1
<b>T5-HO High Output</b>				
F24T5HO		1	1	2
F39T5HO	1	1	1	1 or 2
F49T5HO				1
F54T5HO (49W)		1	1	
F54T5HO	1	1	1	1
<b>T8- Standard</b>				
F17T8		1	2	2
F25T8	1 or 2	1	1 or 2	2
FB29T8				1
FBO31T8				1
F32T8 (25W)	1 or 2	1	1	
F32T8 (28W)	1 or 2	1	1	2
F32T8 (30W)	1 or 2	1	1	
F32T8 (32W)	1 or 2	1	1	1 or 2
FB32T8	1 or 2			
F32T8 ES (28W)	1 or 2			
F40T8		1	1	1
F58T8			1	1
F70T8			1	1
F51T8	1			
F59T8	1			
<b>T8-HO High Output</b>				
F44T8HO	1			
F60T8HO			1	1
F72T8HO			1	1
F86T8HO	1			

LAMP APPLICATIONS	FH4	FH7	FH11	FH12
<b>T8-SL Slim Line</b>				
F96T8SL				1
<b>T12-Standard</b>				
F20T12		1	2	2
F25T12	1 or 2			
F30T12	1 or 2		2	2
FB34T12	1 or 2	1 or 2		
F40T12	1 or 2		1 or 2	2
F40T12 ES (34W)	1 or 2	1 or 2		
F75T12, F85T12	1	1		
F85T12	1	1		
<b>T12-HO High Output</b>				
F48T12HO			1	
F60T12HO			1	1
F72T12HO				1
F96T12HO (95W)			1	
F96T12HO (110W)			1	1
<b>T12-SL Slim Line</b>				
F60T12SL			1	
F96T12SL			1	1

**FULHAM** [www.fulham.com](http://www.fulham.com)

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