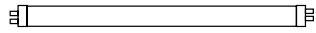


# SPECIFICATION SHEET: **NPY-120-232-T8-IS**

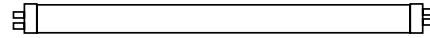
This Is An Original Product From Fulham Co., Inc.

**Description:** PONY Series, High Frequency Electronic, Instant Start Ballast

**This Ballast Will Operate Following Lamps:**



1X: F17T8, F25T8, F32T8, F32T8 (28/30W),  
FBO31T8, FBO24T8, FBO16T8  
2X: F17T8, F25T8, F32T8, F32T8(28/30W),  
FBO31T8, FBO24T8, FBO16T8,

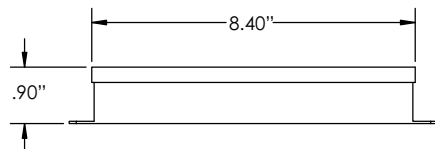
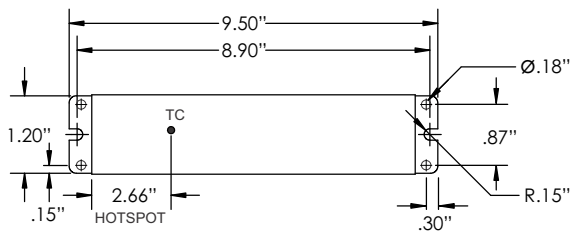


1X: F20T12, F25T12, F30T12, F34T12, F40T12  
2X: F20T12, F25T12, F30T12, F34T12, F40T12

## ELECTRICAL DATA

INPUT VOLT: 120V ± 10%, 50/60Hz										
LAMP WATTS/TYPE	F17T8	F25T8	F32T8	F32T8 (30w)	F32T8 (28w)	FOB16T8	FOB24T8	FOB31T8	F20T12	F25T12
LAMPS OPERATED	1									
INPUT WATTS	20	26	34	31	28	18	26	34	18	22
LINE CURRENT	0.33	0.42	0.52	0.48	0.45	0.29	0.41	0.52	0.29	0.35
POWER FACTOR	0.51	0.52	0.54	0.53	0.53	0.51	0.53	0.54	0.51	0.52
BALLAST FACTOR	1.11	1.04	1.03	1.02	1.00	0.99	1.05	1.05	0.79	0.81
EFFICACY FACTOR	5.55	3.95	3.07	3.28	3.51	5.55	4.01	3.11	4.45	3.72
THD	< 150									
CURRENT CREST FACTOR	< 1.7									
EMI/RFI COMPLIANCE	FCC PART 18-B (Consumer)									
SOUND RATING	"A"									
BALLAST TYPE	INSTANT START									
VOLTAGE TRANSIENTS	ANSI 62.41									
INPUT/PROTECTION	FUSE									
OUTPUT/PROTECTION	-									
MIN. OPERATING TEMP.	-10° C (14°F)									
MAX CASE TEMP.	75°C (167°F)									
ENERGY STAR 4.0	-									
APPROVALS/CLASS	UL/cUL LISTED, CLASS "P", 1 OUTDOOR									

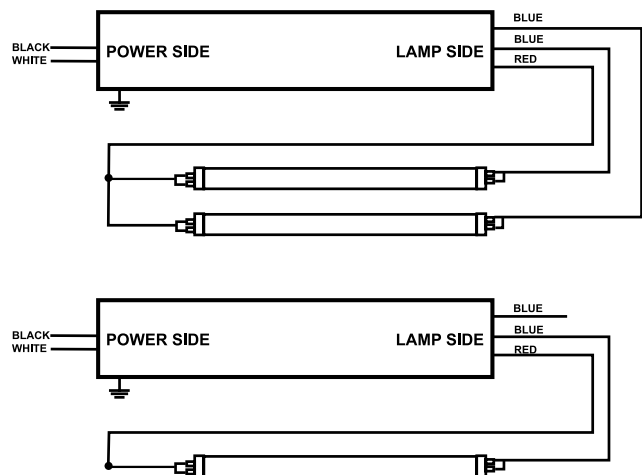
### MECHANICAL DATA



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

### WIRING DIAGRAMS

WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN
LENGHT - INCHES	22"±1"	22"±1"	46"±1"	31"±1"	-	-



**NOTE: This Ballast Must Be Grounded.**

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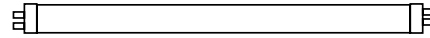
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FBO31T8, FBO24T8, FBO16T8,

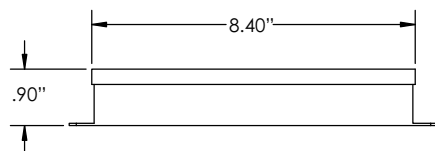
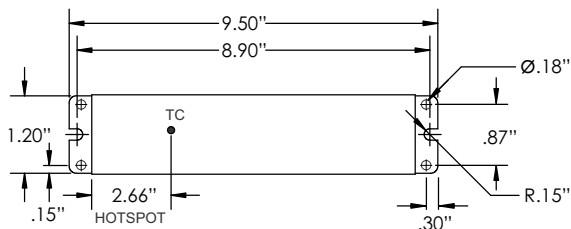


1X: F20T12, F25T12, F30T12, F34T12, F40T12  
2X: F20T12, F25T12, F30T12, F34T12, F40T12

## ELECTRICAL DATA

INPUT VOLT: 120V ± 10%, 50/60Hz										
LAMP WATTS/TYPE	F30T12	F40T12	F40T12 (34w)	F17T8	F25T8	F32T8	F32T8 (30w)	F32T8 (28w)	FOB16T8	FOB24T8
LAMPS OPERATED	1			2						
INPUT WATTS	24	30	25	31	43	56	51	47	29	43
LINE CURRENT	0.38	0.46	0.39	0.49	0.65	0.82	0.77	0.70	0.45	0.65
POWER FACTOR	0.52	0.53	0.52	0.53	0.55	0.57	0.56	0.56	0.53	0.56
BALLAST FACTOR	0.83	0.72	0.76	0.97	0.91	0.89	0.88	0.86	0.88	0.89
EFFICACY FACTOR	3.46	2.44	3.08	3.09	2.11	1.59	1.71	1.84	3.03	2.07
THD	< 150%									
CURRENT CREST FACTOR	< 1.7									
EMI/RFI COMPLIANCE	FCC PART 18-B (Consumer)									
SOUND RATING	"A"									
BALLAST TYPE	INSTANT START									
VOLTAGE TRANSIENTS	ANSI 62.41									
INPUT/PROTECTION	FUSE									
OUTPUT/PROTECTION	-									
MIN. OPERATING TEMP.	-10° C (14°F)									
MAX. CASE TEMP.	75°C (167°F)									
ENERGY STAR 4.0	-									
APPROVALS/CLASS	UL/cUL LISTED, CLASS "P", 1 OUTDOOR									

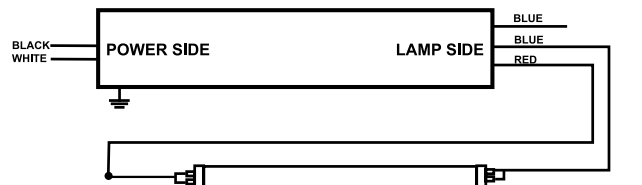
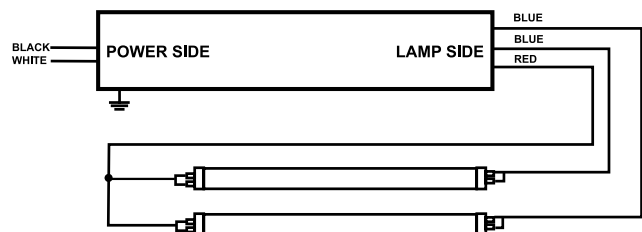
### MECHANICAL DATA



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

### WIRING DIAGRAMS

WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN
LENGHT - INCHES	22"±1"	22"±1"	46"±1"	31"±1"	-	-



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# SPECIFICATION SHEET: **NPY-120-232-T8-IS**

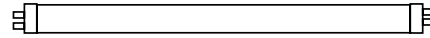
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FBO31T8, FBO24T8, FBO16T8,

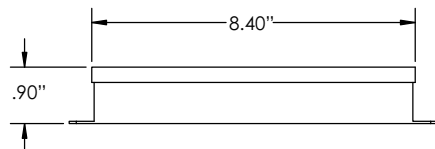
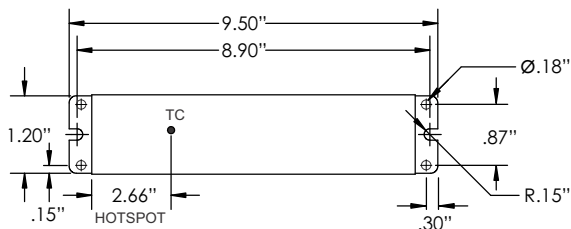


1X: F20T12, F25T12, F30T12, F34T12, F40T12  
2X: F20T12, F25T12, F30T12, F34T12, F40T12

## ELECTRICAL DATA

INPUT VOLT: 120V ± 10%, 50/60Hz						
LAMP WATTS/TYPE	FOB31T8	F20T12	F25T12	F30T12	F40T12	F40T12 (34w)
LAMPS OPERATED	2					
INPUT WATTS	56	28	35	39	48	40
LINE CURRENT	0.82	0.44	0.53	0.59	0.71	0.61
POWER FACTOR	0.57	0.53	0.54	0.55	0.56	0.55
BALLAST FACTOR	0.89	0.67	0.68	0.70	0.61	0.65
EFFICACY FACTOR	1.59	2.36	1.96	1.81	1.28	1.61
THD	< 150%					
CURRENT CREST FACTOR	< 1.7					
EMI/RFI COMPLIANCE	FCC PART 18-B (Consumer)					
SOUND RATING	"A"					
BALLAST TYPE	INSTANT START					
VOLTAGE TRANSIENTS	ANSI 62.41					
INPUT/PROTECTION	FUSE					
OUTPUT/PROTECTION	-					
MIN. OPERATING TEMP.	-10° C (14°F)					
MAX. CASE TEMP.	75°C (167°F)					
ENERGY STAR 4.0	-					
APPROVALS/CLASS	UL/cUL LISTED, CLASS "P", 1 OUTDOOR					

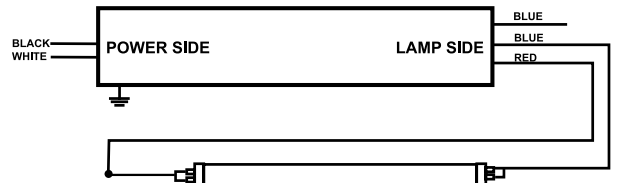
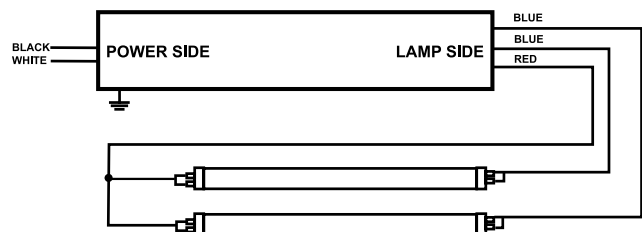
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