



SPECIFICATION SHEET : FEP-120-600-L

This Is An Original Product From Fulham Co., Inc

Description : Sun Horse electronic ballast developed for use with UV & tanning lamp applications, Sign Application.

This Ballast Will Operate Following Lamps.

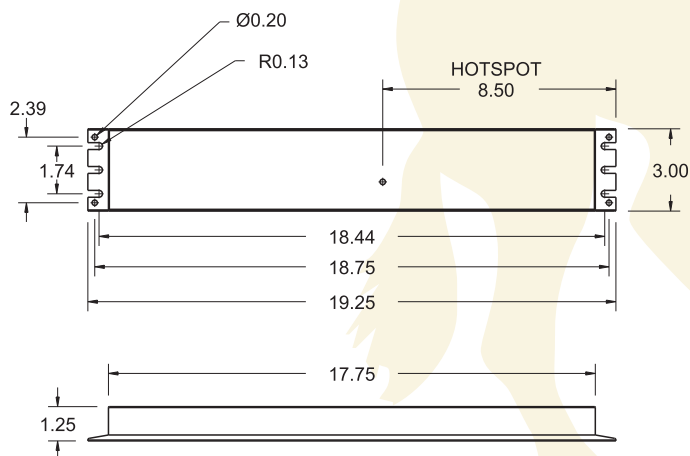


F24T12HO, F30T12HO, F36T12HO, F48T12HO, F59T12HO, F60T12HO,
F64T12HO, F72T12HO, F72T12HO(160W), F79T12HO(180 OR 200W)

ELECTRICAL DATA

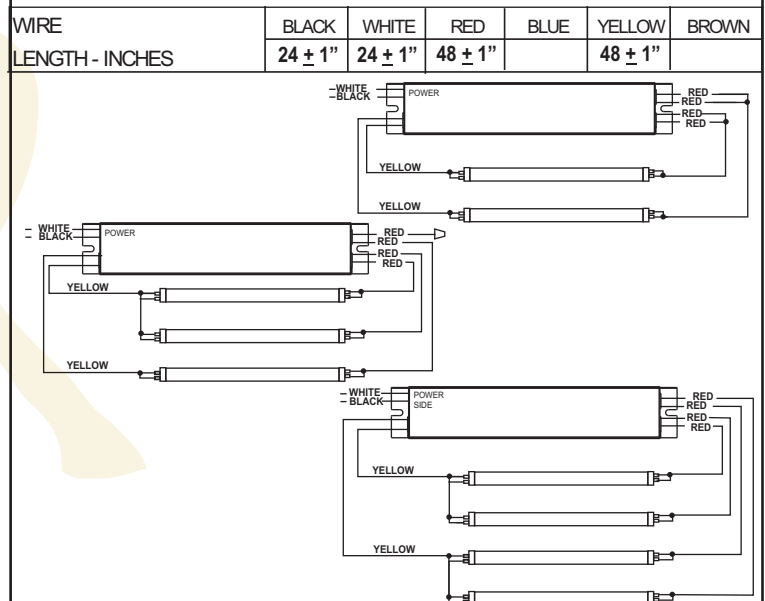
INPUT VOLT: 120V \pm 10%, 50/60Hz							
LAMP WATTS/TYPE	F24T12HO	F30T12HO	F36T12HO	F48T12HO	F60T12HO	F64T12HO	F72T12HO
LAMPS OPERATED	4						
INPUT WATTS	120.3W	150.2W	168.9W	217.3W	272.8W	277.2W	322.0W
LINE CURRENT:	1.096A	1.367A	1.538A	1.964A	2.459A	2.496A	2.898A
POWER FACTOR	0.92	0.92	0.92	0.92	0.93	0.93	0.93
BALLAST FACTOR	0.89	1.02	0.94	0.96	0.98	0.94	1.02
EFFICACY FACTOR	0.74	0.68	0.56	0.44	0.36	0.34	0.32
EMI/RFI COMPLIANCE	FCC PART 18-A						
SOUND RATING	" A "						
BALLAST TYPE	INSTANT START						
VOLTAGE TRANSIENTS	ANSI C82.11 - 1993 / C62.41						
THERMAL PROTECTION	AUTOMATIC RESETTING THERMAL SWITCH						
MIN. OPERATING TEMP	-18 $^{\circ}$ C (0 $^{\circ}$ F)						
MAX. CASE TEMP	70 $^{\circ}$ C (158 $^{\circ}$ 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



NOTE : This Ballast Case Must Be Grounded



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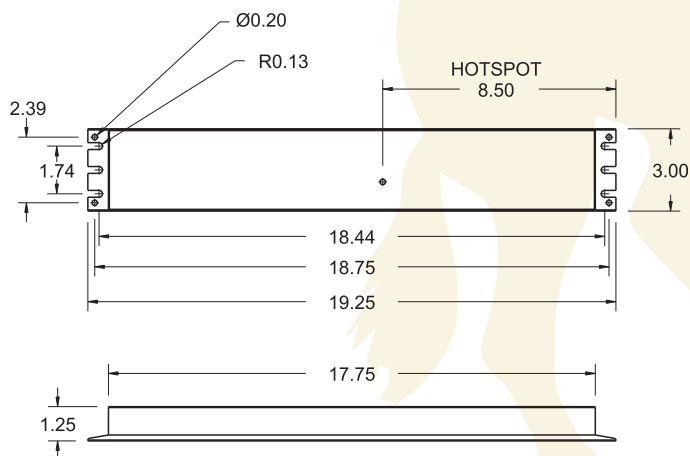
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ELECTRICAL DATA

INPUT VOLT: 120V \pm 10%, 50/60Hz

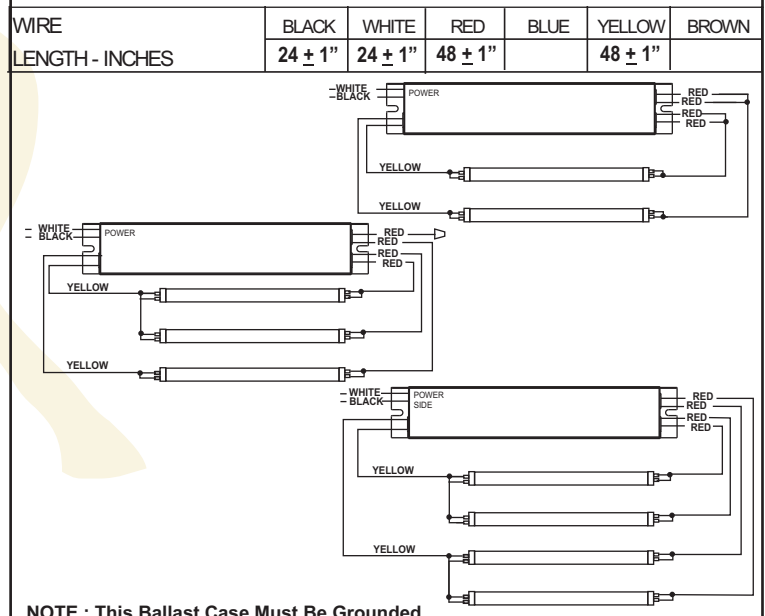
LAMP WATTS/TYPE	F24T12HO	F30T12HO	F36T12HO	F48T12HO	F60T12HO	F64T12HO	F72T12HO	F84T12HO	
LAMPS OPERATED	3								
INPUT WATTS	102.7W	126.2W	131.5W	177.5W	216.9W	231.6W	267.5W	310.0W	
LINE CURRENT:	0.932W	1.143A	1.195A	1.564A	1.924A	2.083A	2.408A	2.792A	
POWER FACTOR	0.93	0.92	0.93	0.94	0.94	0.93	0.93	0.93	
BALLAST FACTOR	0.99	1.18	0.91	1.02	1.00	1.00	1.13	1.08	
EFFICACY FACTOR	0.96	0.94	0.69	0.58	0.46	0.43	0.42	0.35	
EMI/RFI COMPLIANCE	FCC PART 18-A								
SOUND RATING	" A "								
BALLAST TYPE	INSTANT START								
VOLTAGE TRANSIENTS	ANSI C82.11 - 1993 / C62.41								
THERMAL PROTECTION	AUTOMATIC RESETTING THERMAL SWITCH								
MIN. OPERATING TEMP	-18 0C (0 0 F)								
MAX. CASE TEMP	70 0C (158 0 F)								
ENERGY STAR 4.0	-								
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", 1 OUTDOOR								

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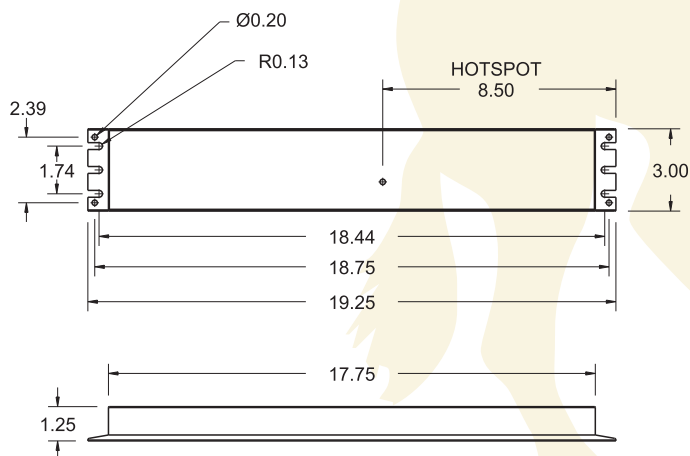
ELECTRICAL DATA

Tanning Lamp

INPUT VOLT: 120V \pm 10%, 50/60Hz

LAMP WATTS/TYPE	F59T12HO 85W	F72T12HO 100W	F59T12HO 85W	F72T12HO 100W	F84T12HO 120W	F72T12HO 160W	F79T12HO 200W	F79T12HO 200W
LAMPS OPERATED	4		3			2		1
INPUT WATTS	272.8W	317.7	220.5W	266.1W	283.1W	244.4W	297.6W	217.2W
LINE CURRENT:	2.438A	2.828	1.979A	2.380A	2.546A	2.193A	2.660A	1.935A
POWER FACTOR	0.93	0.93	0.92	0.93	0.93	0.92	0.93	0.94
BALLAST FACTOR	0.80	0.82	0.86	0.89	0.81	0.78	0.77	1.09
EFFICACY FACTOR	0.29	0.26	0.39	0.34	0.29	0.32	0.26	0.50
EMI/RFI COMPLIANCE	FCC PART 18-A							
SOUND RATING	" A "							
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ENERGY STAR 4.0	-							
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", 1 OUTDOOR							

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