

**Description:** Programmed Start Electronic Ballast

**Lamps Operated:**

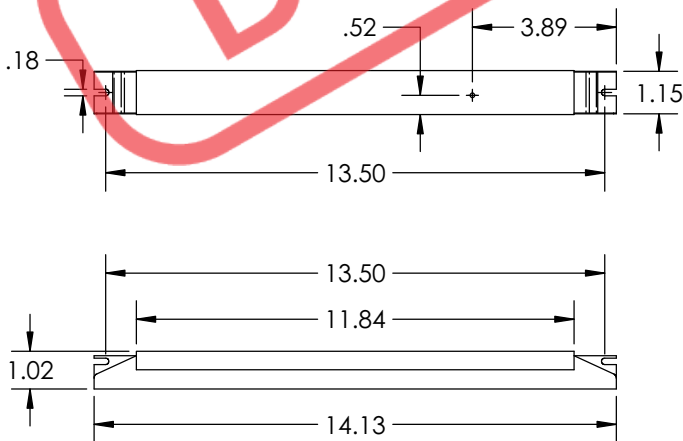


**1X F39T5HO, F24T5HO**

**ELECTRICAL DATA**

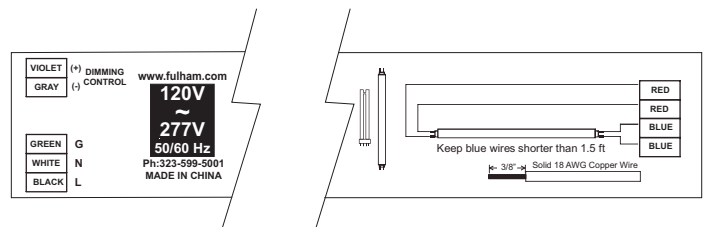
INPUT VOLT: 120V ± 10%, 50/60Hz								
LAMP WATTS/TYPE	F39T5HO	F24T5HO	FT40/2G11/RS	FT36/2G11	FT24W/2G11	FT18W/2G11	FC12T5	FC9T5
LAMPS OPERATED	1							
INPUT WATTS	43	26	49	36	28	18	42	26
LINE CURRENT:	0.36	0.22	0.40	0.30	0.24	0.15	0.35	0.22
POWER FACTOR	0.99	0.99	0.99	0.99	0.99	0.98	0.99	0.99
BALLAST FACTOR	0.94	1.01	0.99	0.90	1.05	0.93	0.99	1.00
EFFICACY FACTOR	2.17	3.92	2.00	2.51	3.71	5.16	2.37	3.84
THD	8.9%	12.5%	8.1%	10.1%	11.8%	16.4%	8.9%	12.5%
EMI/RFI COMPLIANCE	FCC PART 18-A (Non-Consumer)							
SOUND RATING	" A "							
BALLAST TYPE	Program med Start							
PCB	NO							
PROTECTION	Inherent Thermal Protection, End of Lamp Life Protection							
MIN. OPERATING TEMP	10°C (50°F)							
Tc MAX.	75°C (167°F)							
DIMMING	0 - 10V							
DIMMING RANGE	1% - 100%							
TYPE "CC" APPROVED	APPROVED							
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", 1 OUTDOOR							
APPLICABLE DIMMER	Lutron NTFTV, Lutron NFTV-WH, Leviton IP710-DLX							
Đ P P O A E N C M P É N P O T N O O M N O N O P O N G N N N P O O N I M O Ó								
É P P O O M P O N H N O P O O M P O O O N I M O Ó I R O N								

**MECHANICAL DATA**



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

**WIRING DIAGRAMS**



Ballast must be properly grounded.  
Operate new lamp for 100 hours at full output prior to the first dimming

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.

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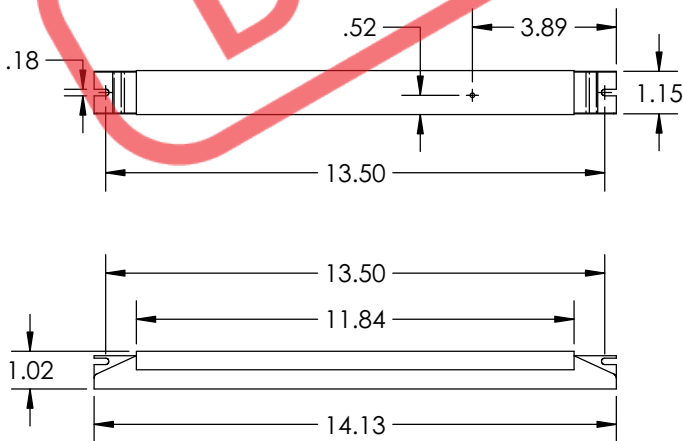


**1X F39T5HO, F24T5HO**

**ELECTRICAL DATA**

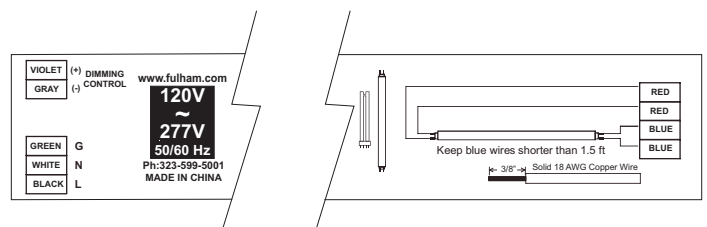
INPUT VOLT: 277V ± 10%, 50/60Hz								
LAMP WATTS/TYPE	F39T5HO	F24T5HO	FT40/2G11/RS	FT36/2G11	FT24W/2G11	FT18W/2G11	FC12T5	FC9T5
LAMPS OPERATED	1							
INPUT WATTS	42	26	47	36	28	18	41	26
LINE CURRENT:	0.11	0.16	0.09	0.12	0.15	0.19	0.11	0.17
POWER FACTOR	0.83	0.90	0.75	0.85	0.88	0.91	0.83	0.90
BALLAST FACTOR	0.88	1.05	0.92	0.87	1.08	0.99	0.95	1.07
EFFICACY FACTOR	2.07	4.09	1.95	2.46	3.87	5.46	2.34	4.12
THD	34.5%	26.1%	40.7%	26.6%	28.3%	23.5%	33.7%	25.4%
EMI/RFI COMPLIANCE	FCC PART 18-A (Non-Consumer)							
SOUND RATING	" A "							
BALLAST TYPE	Programmed Start							
PCB	NO							
PROTECTION	Inherent Thermal Protection, End of Lamp Life Protection							
MIN. OPERATING TEMP	10°C (50°F)							
Tc MAX.	75°C (167°F)							
DIMMING	0 - 10V							
DIMMING RANGE	1% - 100%							
TYPE "CC" APPROVED	APPROVED							
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", 1 OUTDOOR							
APPLICABLE DIMMER	Lutron NTFTV, Lutron NFTV-WH, Leviton IP710-DLX							
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