

Program Start Electronic Ballast

120 or 277 Voltage

Application and Performance:

- Energy saving high efficiency program start electronic ballast (> 90%)
- Multi-voltage technology handles voltage from 120 to 277v
- UL Type CC Rating provides protection against arcing in electrical devices
- Anti-Striation Control for better light quality, with no striations
- Active Power Factor Correction - Ballast regulates the output to each lamp with individual lamp inverter modules

General Characteristics:

Application 2 or 1 F54T5 120 to 277v 1.0BF
 Ballast Type Electronic — High Efficiency Multivolt Program Start
 Starting Method Program Rapid Start
 Lamp Wiring Parallel
 Line Voltage Regulation (+/-) 10%
 Ambient Temp (Max) 105°F / 41°C
 Case Temp (Max) 167°F / 75°C
 Ballast Factor High (1.0)
 Sound Rating A
 Supply Current Frequency 50 Hz / 60 Hz

Catalog Number

Notes

Type



Dimensions:

CASE DIMENSIONS

Length (L) 9.5 in
 Width (W) 1.75 in
 Height (H) 1.2 in

LEAD LENGTHS

White/Black 25 in
 Red/Blue 31 in
 Yellow 50 in

Weight 1.4 lbs.

Exit Type Side

Remote Mounting

Distance to lamp 18 ft.

Remote Mounting

Wire Gauge 18 AWG

Case Quantity 10

UPC 762148204404

For the most up-to-date specs, please visit www.tcpi.com

Lamp Type	Line Volt.	Num. of Lamps	Rated Lamp Watts	Min. Start Temp. (°F/°C)	Input Current (Amps)	Input Power (Watts)	MAX. THD%	Power Factor	Ballast Factor	MAX. Lamp Current Crest Factor	B.E.F.
F54T5	120	2	54	-20/-29	1.03	122	10	0.98	1.00	1.70	0.82
		1	54	-20/-29	0.52	62	10	0.99	1.00	1.70	1.61
	277	2	54	-20/-29	0.43	118	10	0.99	1.00	1.70	0.85
		1	54	-20/-29	0.23	62	10	0.98	1.00	1.70	1.62

Note: the above data is tested at 60Hz, 25C
Application and Performance Specification Information
Subject to Change without Notification.
Fully meets UL&cUL safety standards.

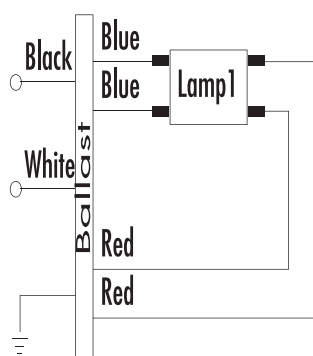
Performance:

- Meets ANSI Standard C82.11-1993
- Meets ANSI Standard C62.41-1991
- Meets FCC 18 Non CONSUMER Limits

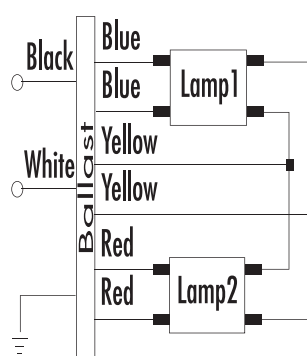
Safety:

- No PCB's
- UL Listed (Class P, Type 1 Outdoor)
- OCV 600V

One Lamp



Two Lamps



Ballast case must be grounded.

For the most up-to-date specs, please visit www.tcpinc.com

Note: For one lamp application, cap any unused leads. Insulate to 600 volts.