AC ELECTRONICS

BALLAST
INNOVATIONS™
DIVISION

TSD-UV70T8S C

Type: Programmed Start Electronic Ballast
Lead Connection: Dual Lamps in Series
Lamp Types:
One or Two 70WT8 or
Two 58WT8
SLI lamps or cross reference GE,
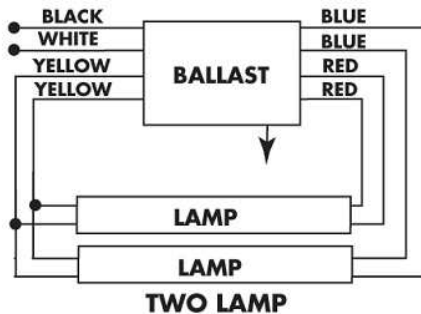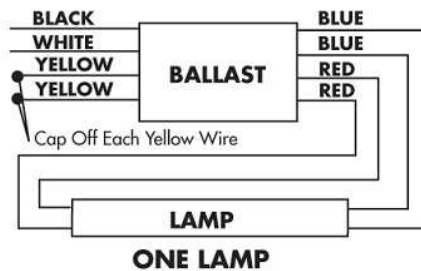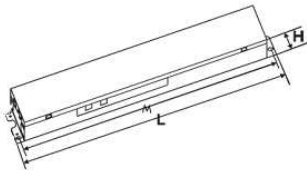Philips or Sylvania/OSRAM lamps

SPECIFICATIONS

Input Voltage	Number of Lamps	Lamp Type	Lamp Watts	Input Watts (typical)	Input Current (typical)	Power Factor	Max THD	Crest Factor	Ballast Factor
120V	2	70WT8	70W	143W	1.19A	0.99	<10%	<1.7	0.86
120V	1	70WT8	70W	70W	0.59A	0.98	<10%	<1.7	0.93
120V	2	58WT8	58W	125W	1.04A	0.99	<10%	<1.7	0.95
230V	2	70WT8	70W	140W	0.61A	0.99	<10%	<1.7	0.86
230V	1	70WT8	70W	70W	0.31A	0.98	<10%	<1.7	0.93
230V	2	58WT8	58W	121W	0.53A	0.99	<10%	<1.7	0.95
277V	2	70WT8	70W	140W	0.51A	0.98	<10%	<1.7	0.86
277V	1	70WT8	70W	71W	0.26A	0.97	<15%	<1.7	0.93
277V	2	58WT8	58W	121W	0.44A	0.98	<10%	<1.7	0.95

SAFETY & PERFORMANCE

- 120-277V, 50/60Hz Input Voltage
- UL Listed
- cUL Listed
- Type HL
- High Power Factor
- Type 1 Outdoor
- Sound Rating A
- Auto Restart
- Surge Protection
- Overcurrent Protection
- End of Lamp Life Protection
- Class P Thermally Protected (Inherent)
- No PCBs

APPLICATION

- Minimum Starting Temp -30°C
- Maximum Case Temp 90°C
- Remote Wiring Length up to 25 ft

BLACK
WHITE
YELLOW
YELLOW
BALLAST
BLUE
BLUE
RED
RED
Cap Off Each Yellow Wire
LAMP
ONE LAMP

BLACK
WHITE
YELLOW
YELLOW
BALLAST
BLUE
BLUE
RED
RED
LAMP
LAMP
TWO LAMP

Dimensions

Length (L)	9.50"
Width (W)	2.40"
Height (H)	1.45"
Mounting (M)	8.90"
Mounting (S)	1.69"
Hole Diameter	0.22"
Weight	2.14 lbs.
Case Qty.	25 pcs.

Wire Lengths

Black	18.8"
White	18.8"
Red (2)	30.9"
Blue (2)	30.9"
Yellow (2)	46.4"

INSTALLATION

- Install in accordance with the National Electrical Code
- Use with 600V rated wire
- Use external ground wire
- Do not connect any lamp lead to neutral
- Mounting side of ballast package must be in complete contact with metalic fixture surface for proper thermal dissipation

RoHS
COMPLIANT
LEAD-FREE

c UL us
E313362

WARRANTY

AC Electronics warrants to the purchaser that each electronic ballast will be free from defects in material or workmanship for a period of 3 years date of manufacture when operated at a max case temp of 90°C; 5 years when operated at a max case temp of <75°C, when properly installed and under normal conditions of use.

Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

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