



Antron Electronics Co.,LTD  
安雄電子股份有限公司

# T5 DC Input Ballast



|                 |                                                                                 |
|-----------------|---------------------------------------------------------------------------------|
| Model Name      | FDC39T512EB                                                                     |
| Ballast Type    | Electronic                                                                      |
| Starting Method | Rapid Start                                                                     |
| Lamp connection | Series                                                                          |
| Input Voltage   | DC12V                                                                           |
| Input Frequency | N.A                                                                             |
| Warranty        | 5 Years $TC \leq 75^{\circ}C$<br>3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$ |

## Safety & Performance

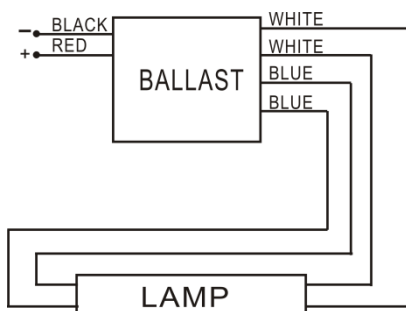


- One lamp
- UL/cUL Listed
- UL Type 1 Outdoor
- Sound Rated Class A
- Class P Thermally Protected
- FCC part 18 Class A
- Auto Restart
- No PCBs
- Surge Protected

## Electrical Specification with Different Lamps

| Lamp Type | No. of Lamps | Input Voltage (V) | Rated Lamp Watts | Start Temp Min. (F/C) | Input Current (Amps) | Input Power (ANSI Watts) | Ballast Factor | Power Factor | Lamp Current Crest Factor Max. | BEF  |
|-----------|--------------|-------------------|------------------|-----------------------|----------------------|--------------------------|----------------|--------------|--------------------------------|------|
| 39W T5    | 1            | 12                | 39               | 32/0                  | 3.33                 | 40                       | 0.85           | NA           | 1.7                            | 2.13 |

## Wire Diagram

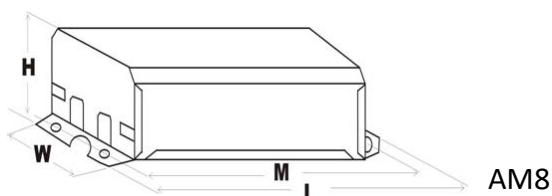


| Lead Length | Inch | Cm |
|-------------|------|----|
| Black       | 14   | 36 |
| White       | 14   | 36 |
| Blue        | 14   | 36 |
| Red         | 14   | 36 |

Maximum Wiring Distance (at full load) is 18AWG/18Feet

Case must be grounded

## Enclosure



| Enclosure   | Inch | Cm   |
|-------------|------|------|
| Length(L)   | 5.7  | 14.7 |
| Width(W)    | 1.8  | 4.7  |
| Height(H)   | 1.3  | 3.4  |
| Mounting(M) | 5.2  | 13.3 |

Published 2013/10/8

Revised 2020/4/27

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