



# Centium T5

## CENTIUM ELE BALLAST (2) F28T5 120-277V

Philips Advance Centium ballasts for T5 lamps at 120-277V are now available with our industry leading N-can at 9.5" x 1.3" x 1.0" or T-can at 14.17" x 1.18" x 1.06", which provides fixture manufacturers increased versatility in their newer generation fixture designs. These ballasts are compatible with all major energy-saving T5 linear lamps and have a variety of other features which makes them ideal for a variety of applications. The ballasts' programmed start ignition provides extended lamp life in frequent switching applications such as those where occupancy sensors are being used. They also feature lamp End-Of-Life (EOL) protection circuitry which safely removes power from the lamp at the end of lamp life.

### Product data

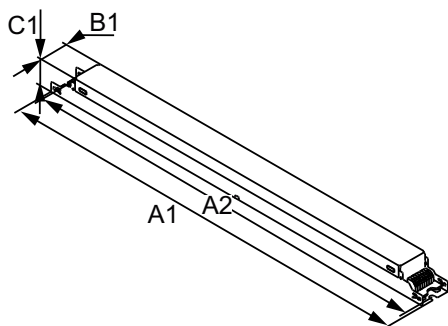
|                                 |                        |                                          |                 |         |
|---------------------------------|------------------------|------------------------------------------|-----------------|---------|
| <b>General Information</b>      |                        | <b>Input Current (Min)</b>               |                 | 0.23 A  |
| Lamp Type                       | F28T5                  | <b>Input Power (Nom)</b>                 |                 | 64-63 W |
| Number of Lamps                 | 1/2 piece/unit         | <b>Rated Lamp Power</b>                  |                 | 28 W    |
| Ballast Type                    | Electronic Fluorescent |                                          |                 |         |
| Base Model                      | ICN2S28T               | <b>Wiring</b>                            |                 |         |
| Suitable For Outdoor Use        | Yes                    | Color Input Terminals                    | Black and White |         |
| Automatic Restart               | Yes                    | Color Output Terminals                   | RED, YEL & BLU  |         |
|                                 |                        | Wire Striplength                         | 0.375 mm        |         |
| <b>Operating and Electrical</b> |                        | Lamp Connection                          | Series          |         |
| Input Voltage                   | 120 to 277 V           | Wire Length by Color                     | No wires        |         |
| Input Frequency                 | 50 to 60 Hz            | Wire Gauge (Nom)                         | 18AWG mm        |         |
| Total Harmonic Distortion USA   | 10 %                   | Wire Type                                | Solid           |         |
| Ignition Method                 | Programmed Start       | Remote Wiring Configuration Allowed      | Yes             |         |
| Crestfactor (Nom)               | 1.7                    | Tandem Wiring Configuration Allowed      | Yes             |         |
| Ignition Time (Nom)             | 1.5 s                  | Through Wiring Configuration Allowed     | Yes             |         |
| Ballast Factor (Nom)            | 1.03                   | Max Ballast-Lamp Distance Remote Wiring  | 20'             |         |
| Power Factor (Nom)              | 0.98                   | Max Ballast-Lamp Distance Tandem Wiring  | Blue = 10'      |         |
| Input Current (Max)             | 0.55 A                 | Max Ballast-Lamp Distance Through Wiring | Blue = 10'      |         |

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|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| Connector Type                  | Poke-In                                       |
| <b>Temperature</b>              |                                               |
| T-Case Maximum (Nom)            | 70 °C                                         |
| <b>Mechanical and Housing</b>   |                                               |
| Housing Material                | Metal                                         |
| Housing                         | T                                             |
| Housing Dimensions              | 14.17" x 1.18" x 1.06"                        |
| <b>Approval and Application</b> |                                               |
| EMC Immunity Standard           | FCC Non-Consumer                              |
| Approval Marks                  | CSA certificate UL certificate RoHS Compliant |

|                                 |                                        |
|---------------------------------|----------------------------------------|
| Hum And Noise Level             | A                                      |
| UL Recognized                   | No                                     |
| <b>Product Data</b>             |                                        |
| Order product name              | CENTIUM ELE BALLAST (2) F28T5 120-277V |
| EAN/UPC - Product               | 781087131725                           |
| Order code                      | 913701253101                           |
| Numerator - Quantity Per Pack   | 1                                      |
| Numerator - Packs per outer box | 10                                     |
| Material Nr. (12NC)             | 913701253101                           |
| Net Weight (Piece)              | 0.441 kg                               |

### Dimensional drawing



| Product                                | A1       | A2       | B1      | C1      |
|----------------------------------------|----------|----------|---------|---------|
| CENTIUM ELE BALLAST (2) F28T5 120-277V | 14.17 in | 13.78 in | 1.18 in | 1.06 in |

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