



# Optanium T8 Instant Start

## OPTANIUM ELE BALLAST (4) F32T8 120-277V

Reliable and energy efficient Philips Advance's Centium commercial grade specifications, plus added benefits of lamp striation reduction technology.

### Product data

| General Information      |                        |
|--------------------------|------------------------|
| Lamp Type                | F32T8                  |
| Number of Lamps          | 3/4 piece/unit         |
| Ballast Type             | Electronic Fluorescent |
| Base Model               | IOP4P32N               |
| Suitable For Outdoor Use | Yes                    |
| Automatic Restart        | Yes                    |

| Operating and Electrical      |               |
|-------------------------------|---------------|
| Input Voltage                 | 120 to 277 V  |
| Input Frequency               | 50 to 60 Hz   |
| Total Harmonic Distortion USA | 10 %          |
| Ignition Method               | Instant Start |
| Crestfactor (Nom)             | 1.6           |
| Ignition Time (Nom)           | 0.1 s         |
| Ballast Factor (Nom)          | 0.91          |
| Power Factor (Nom)            | 0.98          |
| Input Current (Max)           | 0.95 A        |
| Input Current (Min)           | 0.40 A        |
| Input Power (Nom)             | 113-109 W     |
| Rated Lamp Power              | 32 W          |

| Wiring                                   |                          |
|------------------------------------------|--------------------------|
| Color Input Terminals                    | No terminals             |
| Color Output Terminals                   | No terminals             |
| Wire Striplength                         | 0.50/0.375 mm            |
| Lamp Connection                          | Parallel                 |
| Wire Length by Color                     | See data sheet           |
| Wire Gauge (Nom)                         | 18AWG mm                 |
| Wire Type                                | Solid                    |
| Remote Wiring Configuration Allowed      | Yes                      |
| Tandem Wiring Configuration Allowed      | Yes                      |
| Through Wiring Configuration Allowed     | Yes                      |
| Max Ballast-Lamp Distance Remote Wiring  | ES = 6' / Standard = 20' |
| Max Ballast-Lamp Distance Tandem Wiring  | ES = 6' / Standard = 20' |
| Max Ballast-Lamp Distance Through Wiring | ES = 6' / Standard = 20' |
| Connector Type                           | No connector             |

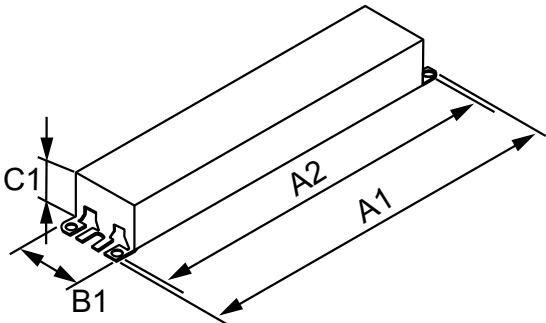
| Temperature            |       |
|------------------------|-------|
| T-Case Maximum (Nom)   | 70 °C |
| Mechanical and Housing |       |
| Housing Material       | Metal |
| Housing                | N     |

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|                                 |                                                                                        |
|---------------------------------|----------------------------------------------------------------------------------------|
| Housing Dimensions              | 9.5" x 1.3" x 1.0"                                                                     |
| <b>Approval and Application</b> |                                                                                        |
| EMC Immunity Standard           | FCC Non-Consumer                                                                       |
| Approval Marks                  | CSA certificate UL certificate CEC Listing<br>CEE Rated NEMA Premium RoHS<br>Compliant |
| Hum And Noise Level             | A                                                                                      |
| UL Recognized                   | No                                                                                     |
| <b>Product Data</b>             |                                                                                        |
| Order product name              | OPTANIUM ELE BALLAST (4) F32T8<br>120-277V                                             |

|                                 |              |
|---------------------------------|--------------|
| EAN/UPC - Product               | 781087125113 |
| Order code                      | 913701246701 |
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 10           |
| Material Nr. (12NC)             | 913701246701 |
| Net Weight (Piece)              | 0.441 kg     |

## Dimensional drawing



ELE BALLAST (4) F32T8 120-277V

| Product                                 | A1      | A2      | B1      | C1      |
|-----------------------------------------|---------|---------|---------|---------|
| OPTANIUM ELE BALLAST (4) F32T8 120-277V | 9.50 in | 8.90 in | 1.30 in | 1.00 in |

