



# Powerful, ultra-slim lamps

## T5 High Output

Philips T5 HO lamps are environmentally-responsible, ultra-slim and have extraordinary light output and longer life.

### Benefits

- Reduces the impact on the environment with low mercury, energy efficiency, long life, and less material.
- Warranty period: 36 months.
- 95% lumen maintenance.

### Features

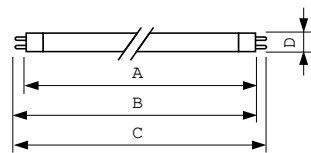
- Reduced maintenance and disposal costs.
- Long life for an extended relamping cycle.
- 35,000 hours rated average life\*.
- Up to 70% more lumens than standard Standard T5 lamps.
- 95% lumen maintenance.
- Reduces the impact on the environment: low mercury, energy efficiency, long life, and less material.
- Only 1.4 mg of mercury, the lowest in the industry.
- With just 12 Picograms per lumen hour†, these lamps allow for more design freedom and help exceed all LEED requirements◇.
- 24, 39, 54 and 80 Watt with 3000, 3500, 4100, 5000, and 6500 Color Temperatures.

### Application

- Ideal for medium-bay and high-bay retail and industrial applications.

T5 High Output

Dimensional drawing



| Product                 | D (max) | A (max)    | B (max)    | B (min)    | C (max)    |
|-------------------------|---------|------------|------------|------------|------------|
| 24W/835 Min Bipin T5 HO | 17 mm   | 549.0 mm   | 556.1 mm   | 553.7 mm   | 563.2 mm   |
| ALTO UNP                |         |            |            |            |            |
| 24W/841 Min Bipin T5 HO | 17 mm   | 549.0 mm   | 556.1 mm   | 553.7 mm   | 563.2 mm   |
| ALTO UNP                |         |            |            |            |            |
| 39W/830 Min Bipin T5 HO | 17 mm   | 849.0 mm   | 856.1 mm   | 853.7 mm   | 863.2 mm   |
| ALTO UNP                |         |            |            |            |            |
| 39W/835 Min Bipin T5 HO | 17 mm   | 849.0 mm   | 856.1 mm   | 853.7 mm   | 863.2 mm   |
| ALTO UNP                |         |            |            |            |            |
| 39W/841 Min Bipin T5 HO | 17 mm   | 849.0 mm   | 856.1 mm   | 853.7 mm   | 863.2 mm   |
| ALTO UNP                |         |            |            |            |            |
| 54W/830 Min Bipin T5 HO | 17 mm   | 1,149.0 mm | 1,156.1 mm | 1,153.7 mm | 1,163.2 mm |
| ALTO UNP                |         |            |            |            |            |
| 54W/835 Min Bipin T5 HO | 17 mm   | 1,149.0 mm | 1,156.1 mm | 1,153.7 mm | 1,163.2 mm |
| ALTO UNP                |         |            |            |            |            |
| 54W/840 Min Bipin T5 HO | 17 mm   | 1,149.0 mm | 1,156.1 mm | 1,153.7 mm | 1,163.2 mm |
| ALTO UNP                |         |            |            |            |            |
| F24T5/830/HO/ALTO 40PK  | 17 mm   | 549.0 mm   | 556.1 mm   | 553.7 mm   | 563.2 mm   |
| F54T5/850/HO/ALTO 40PK  | 17 mm   | 1,149.0 mm | 1,156.1 mm | 1,153.7 mm | 1,163.2 mm |
| F54T5/865/HO/ALTO 40PK  | 17 mm   | 1,149.0 mm | 1,156.1 mm | 1,153.7 mm | 1,163.2 mm |

| General Information         |        |
|-----------------------------|--------|
| Cap-Base                    | G5     |
| Light Technical             |        |
| Color rendering index (CRI) | 82     |
| Controls and Dimming        |        |
| Dimmable                    | Yes    |
| Mechanical and Housing      |        |
| Bulb Shape                  | T5     |
| Approval and Application    |        |
| Mercury (Hg) Content (Nom)  | 1.4 mg |

Light Technical

| Order Code   | Full Product Name                | Color Designation | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|--------------|----------------------------------|-------------------|------------------------------------|---------------------------------|---------------|
|              |                                  |                   |                                    |                                 |               |
| 927992183022 | F24T5/830/HO /ALTO 40PK          | Warm White (WW)   | 3000 K                             | 76 lm/W                         | 1,950 lm      |
| 927992183522 | 24W/835 Min Bipin T5 HO ALTO UNP | White (WH)        | 3500 K                             | 76 lm/W                         | 1,950 lm      |

| Order Code   | Full Product Name                | Color Designation | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|--------------|----------------------------------|-------------------|------------------------------------|---------------------------------|---------------|
|              |                                  |                   |                                    |                                 |               |
| 927992184022 | 24W/841 Min Bipin T5 HO ALTO UNP | Cool White (CW)   | 4100 K                             | 76 lm/W                         | 1,950 lm      |
| 927992683022 | 39W/830 Min Bipin T5 HO ALTO UNP | Warm White (WW)   | 3000 K                             | 82 lm/W                         | 3,500 lm      |

T5 High Output

| Order Code   | Full Product Name                | Color Designation | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|--------------|----------------------------------|-------------------|------------------------------------|---------------------------------|---------------|
|              |                                  |                   |                                    |                                 |               |
| 927992683522 | 39W/835 Min Bipin T5 HO ALTO UNP | White (WH)        | 3500 K                             | 82 lm/W                         | 3,500 lm      |
| 927992684022 | 39W/841 Min Bipin T5 HO ALTO UNP | Cool White (CW)   | 4100 K                             | 82 lm/W                         | 3,500 lm      |
| 927993183022 | 54W/830 Min Bipin T5 HO ALTO UNP | Warm White (WW)   | 3000 K                             | 83 lm/W                         | 5,000 lm      |
| 927993183522 | 54W/835 Min Bipin T5 HO ALTO UNP | White (WH)        | 3500 K                             | 83 lm/W                         | 5,000 lm      |

| Order Code   | Full Product Name                | Color Designation | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|--------------|----------------------------------|-------------------|------------------------------------|---------------------------------|---------------|
|              |                                  |                   |                                    |                                 |               |
| 927993184022 | 54W/840 Min Bipin T5 HO ALTO UNP | Cool White (CW)   | 4100 K                             | 83 lm/W                         | 5,000 lm      |
| 927993185022 | F54T5/850/HO /ALTO 40PK          | Daylight          | 5000 K                             | 80 lm/W                         | 4,800 lm      |
| 927993186522 | F54T5/865/HO /ALTO 40PK          | Cool Daylight     | 6300 K                             | 77 lm/W                         | 4,650 lm      |

Operating and Electrical

| Order Code   | Full Product Name                | Lamp Current (Nom) | Power Consumption |
|--------------|----------------------------------|--------------------|-------------------|
| 927992183022 | F24T5/830/HO/ALTO 40PK           | 0.295 A            | 22.5 W            |
| 927992183522 | 24W/835 Min Bipin T5 HO ALTO UNP | 0.295 A            | 22.5 W            |
| 927992184022 | 24W/841 Min Bipin T5 HO ALTO UNP | 0.295 A            | 22.5 W            |
| 927992683022 | 39W/830 Min Bipin T5 HO ALTO UNP | 0.325 A            | 38.0 W            |
| 927992683522 | 39W/835 Min Bipin T5 HO ALTO UNP | 0.325 A            | 38.0 W            |
| 927992684022 | 39W/841 Min Bipin T5 HO ALTO UNP | 0.325 A            | 38.0 W            |

| Order Code   | Full Product Name                | Lamp Current (Nom) | Power Consumption |
|--------------|----------------------------------|--------------------|-------------------|
| 927993183022 | 54W/830 Min Bipin T5 HO ALTO UNP | 0.455 A            | 54 W              |
| 927993183522 | 54W/835 Min Bipin T5 HO ALTO UNP | 0.455 A            | 54.1 W            |
| 927993184022 | 54W/840 Min Bipin T5 HO ALTO UNP | 0.455 A            | 54.1 W            |
| 927993185022 | F54T5/850/HO/ALTO 40PK           | 0.455 A            | 54.1 W            |
| 927993186522 | F54T5/865/HO/ALTO 40PK           | 0.455 A            | 54.1 W            |

