



2012, February 22
data subject to change

Environmentally Responsible Lamps

High Output T12

Philips T12 fluorescent lamps provide high performance in a wide range of sizes, shapes, and types.

Benefits

- Sustainable Lighting Solution -Less mercury and fewer lamps in landfills, combined with energy efficiency, reduces the impact on the environment.
- 12 month warranty period.
- TCLP compliant*

Features

- ALTO Lamp Technology.
- High light output.
- Available in 35,40,50,55,60,75,80,85,and 100 watts,in daylight, cool white, spec35, and ultralume colors.

Application

- Ideal for use in high bay applications such as warehouses, distribution centers and factories.

PHILIPS
sense and simplicity

Related products

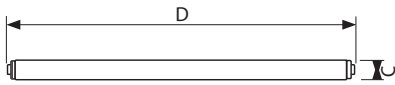


R17d, T12

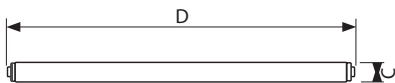


R17d, T12

Dimensional drawing



T12 Recessed Double Contact
R17d, T12



T12 Recessed Double Contact
R17d, T12

General Characteristics

| Order code | Full product name | Bulb | Base | Rated Avg Life [3 Hr Start] | Energy Saving |
|--------------|-----------------------|------|------|-----------------------------|----------------|
| 927884403302 | F24T12 CW HO | T12 | R17d | 9000 | Not Applicable |
| 927884405403 | F24T12 D HO | T12 | R17d | 9000 | Not Applicable |
| 927886203302 | F30T12 CW HO | T12 | R17d | 9000 | Not Applicable |
| 927886205402 | F30T12 D HO | T12 | R17d | 9000 | Not Applicable |
| 927887203302 | F36T12 CW HO | T12 | R17d | 9000 | Not Applicable |
| 927887205403 | F36T12 D HO | T12 | R17d | 9000 | Not Applicable |
| 927889203303 | F42T12 55W CW HO | T12 | R17d | 9000 | Not Applicable |
| 927889205403 | F42T12 D HO | T12 | R17d | 9000 | Not Applicable |
| 927892203302 | F64T12 CW HO 1LP | T12 | R17d | 12000 | Not Applicable |
| 927892205403 | F64T12 D HO 1LP | T12 | R17d | 12000 | Not Applicable |
| 927890203305 | F48T12 CW HO ALTO | T12 | R17d | 12000 | Not Applicable |
| 927890205402 | F48T12 D HO ALTO | T12 | R17d | 12000 | Not Applicable |
| 927891303301 | F60T12 CW HO ALTO | T12 | R17d | 12000 | - |
| 927891305401 | F60T12 D HO ALTO | T12 | R17d | 12000 | Energy Saving |
| 927893203304 | F72T12 CW HO ALTO | T12 | R17d | 12000 | Not Applicable |
| 927893205402 | F72T12 D HO ALTO | T12 | R17d | 12000 | Not Applicable |
| 927894403301 | F84T12 CW HO ALTO 1LP | T12 | R17d | 12000 | - |

| Order code | Full product name | Bulb | Base | Rated Avg Life [3 Hr Start] | Energy Saving |
|--------------|---------------------------|------|------|-----------------------------|----------------|
| 927894403302 | F84T12 CW HO ALTOTG 1LP | T12 | R17d | 12000 | - |
| 927894405401 | F84T12 D HO ALTO 1LP | T12 | R17d | 12000 | - |
| 927894605701 | F96T12 HO/EW ALTODX 1LP | T12 | R17d | 12000 | Energy Saving |
| 927894705701 | F96T12 HO ALTODX 1LP | T12 | R17d | 12000 | - |
| 927895203323 | F96T12 CW ALTO HO-O | T12 | R17d | 12000 | Not Applicable |
| 927895203330 | F96T12 CW HO-O ENV | T12 | R17d | 12000 | Not Applicable |
| 927895203339 | F96T12 CW 96 ALTOHO-O 2OW | T12 | R17d | 12000 | Not Applicable |
| 927895205408 | F96T12 D HO-O ALTO | T12 | R17d | 12000 | Not Applicable |
| 927895284104 | F96T12/841 HO ALTO 1LP | T12 | R17d | 12000 | Not Applicable |
| 927895303302 | F96T12 CW HO/EW ALTO | T12 | R17d | 12000 | Energy Saving |
| 927895303315 | F96T12 CW HO/EW ALTO UPC | T12 | R17d | 12000 | Energy Saving |

Light Technical Characteristics

| Order code | Full product name | Color Code | Color Designation | Lumens (Brightness) | Color Rendering Index | Color Temperature | Design Mean Lumens |
|--------------|---------------------------|------------|-------------------|---------------------|-----------------------|-------------------|--------------------|
| 927884403302 | F24T12 CW HO | 33 | Cool White | 1650 | 62 | 4100 | 1390 |
| 927884405403 | F24T12 D HO | 54 | Daylight | 1400 | 79 | 6500 | 1180 |
| 927886203302 | F30T12 CW HO | 33 | Cool White | 2290 | 62 | 4100 | 1900 |
| 927886205402 | F30T12 D HO | 54 | Daylight | 1920 | 79 | 6500 | 1590 |
| 927887203302 | F36T12 CW HO | 33 | Cool White | 2800 | 62 | 4100 | 2450 |
| 927887205403 | F36T12 D HO | 54 | Daylight | 2500 | 79 | 6500 | 2150 |
| 927889203303 | F42T12 55W CW HO | 33 | Cool White | 3400 | 62 | 4100 | 2610 |
| 927889205403 | F42T12 D HO | 54 | Daylight | 3000 | 79 | 6500 | 2950 |
| 927892203302 | F64T12 CW HO 1LP | 33 | Cool White | 5600 | 62 | 4100 | 4850 |
| 927892205403 | F64T12 D HO 1LP | 54 | Daylight | 4900 | 79 | 6500 | 4250 |
| 927890203305 | F48T12 CW HO ALTO | 33 | Cool White | 4050 | 62 | 4100 | 3500 |
| 927890205402 | F48T12 D HO ALTO | 54 | Daylight | 3400 | 79 | 6500 | 3000 |
| 927891303301 | F60T12 CW HO ALTO | 33 | Cool White | 4945 | 82 | 4100 | 4500 |
| 927891305401 | F60T12 D HO ALTO | 54 | Daylight | 4225 | 82 | 6500 | 3800 |
| 927893203304 | F72T12 CW HO ALTO | 33 | Cool White | 6350 | 62 | 4100 | 5500 |
| 927893205402 | F72T12 D HO ALTO | 54 | Daylight | 5600 | 79 | 6500 | 4850 |
| 927894403301 | F84T12 CW HO ALTO 1LP | 33 | Cool White | 7490 | 62 | 4100 | 6800 |
| 927894403302 | F84T12 CW HO ALTOTG 1LP | 33 | Cool White | 7490 | 62 | 4100 | 6800 |
| 927894405401 | F84T12 D HO ALTO 1LP | 54 | Daylight | 6625 | 79 | 6500 | 6000 |
| 927894605701 | F96T12 HO/EW ALTODX 1LP | 57 | - | 5615 | 82 | 6500 | 5000 |
| 927894705701 | F96T12 HO ALTODX 1LP | 57 | - | 6750 | 82 | 6500 | 5800 |
| 927895203323 | F96T12 CW ALTO HO-O | 33 | Cool White | 8800 | 62 | 4100 | 7650 |
| 927895203330 | F96T12 CW HO-O ENV | 33 | Cool White | 8800 | 62 | 4100 | 7650 |
| 927895203339 | F96T12 CW 96 ALTOHO-O 2OW | 33 | Cool White | 8800 | 62 | 4100 | 7650 |

| Order code | Full product name | Color Code | Color Designation | Lumens (Brightness) | Color Rendering Index | Color Temperature | Design Mean Lumens |
|--------------|--------------------------|------------|-------------------|---------------------|-----------------------|-------------------|--------------------|
| 927895205408 | F96T12 D HO-O ALTO | 54 | Daylight | 7800 | 79 | 6500 | 6800 |
| 927895284104 | F96T12/841 HO ALTO 1LP | 841 | 841 | 9500 | 85 | 4100 | 8550 |
| 927895303302 | F96T12 CW HO/EW ALTO | 33 | Cool White | 8000 | 62 | 4100 | 6950 |
| 927895303315 | F96T12 CW HO/EW ALTO UPC | 33 | Cool White | 8000 | 62 | 4100 | 6950 |

Electrical Characteristics

| Order code | Full product name | Energy Used |
|--------------|---------------------------|-------------|
| 927884403302 | F24T12 CW HO | 35 |
| 927884405403 | F24T12 D HO | 35 |
| 927886203302 | F30T12 CW HO | 40 |
| 927886205402 | F30T12 D HO | 40 |
| 927887203302 | F36T12 CW HO | 50 |
| 927887205403 | F36T12 D HO | 50 |
| 927889203303 | F42T12 55W CW HO | 55 |
| 927889205403 | F42T12 D HO | 55 |
| 927892203302 | F64T12 CW HO 1LP | 80 |
| 927892205403 | F64T12 D HO 1LP | 80 |
| 927890203305 | F48T12 CW HO ALTO | 60 |
| 927890205402 | F48T12 D HO ALTO | 60 |
| 927891303301 | F60T12 CW HO ALTO | 75 |
| 927891305401 | F60T12 D HO ALTO | 75 |
| 927893203304 | F72T12 CW HO ALTO | 85 |
| 927893205402 | F72T12 D HO ALTO | 85 |
| 927894403301 | F84T12 CW HO ALTO 1LP | 100 |
| 927894403302 | F84T12 CW HO ALTOTG 1LP | 100 |
| 927894405401 | F84T12 D HO ALTO 1LP | 100 |
| 927894605701 | F96T12 HO/EW ALTODX 1LP | 95 |
| 927894705701 | F96T12 HO ALTODX 1LP | 110 |
| 927895203323 | F96T12 CW ALTO HO-O | 110 |
| 927895203330 | F96T12 CW HO-O ENV | 110 |
| 927895203339 | F96T12 CW 96 ALTOHO-O 2OW | 110 |
| 927895205408 | F96T12 D HO-O ALTO | 110 |
| 927895284104 | F96T12/841 HO ALTO 1LP | 110 |

| Order code | Full product name | Energy Used |
|--------------|--------------------------|-------------|
| 927895303302 | F96T12 CW HO/EW ALTO | 95 |
| 927895303315 | F96T12 CW HO/EW ALTO UPC | 95 |

Environmental Characteristics

| Order code | Full product name | Mercury (Hg) Content |
|--------------|---------------------------|----------------------|
| 927892203302 | F64T12 CW HO 1LP | 20.0 |
| 927892205403 | F64T12 D HO 1LP | 20.0 |
| 927890203305 | F48T12 CW HO ALTO | 3.5 |
| 927890205402 | F48T12 D HO ALTO | 3.5 |
| 927891303301 | F60T12 CW HO ALTO | 6.8 |
| 927891305401 | F60T12 D HO ALTO | 6.8 |
| 927893203304 | F72T12 CW HO ALTO | 6.8 |
| 927893205402 | F72T12 D HO ALTO | 6.8 |
| 927894403301 | F84T12 CW HO ALTO 1LP | 6.8 |
| 927894403302 | F84T12 CW HO ALTOTG 1LP | 6.8 |
| 927894405401 | F84T12 D HO ALTO 1LP | 6.8 |
| 927894605701 | F96T12 HO/EW ALTODX 1LP | 6.8 |
| 927894705701 | F96T12 HO ALTODX 1LP | 6.8 |
| 927895203323 | F96T12 CW ALTO HO-O | 6.8 |
| 927895203330 | F96T12 CW HO-O ENV | 6.8 |
| 927895203339 | F96T12 CW 96 ALTOHO-O 2OW | 6.8 |
| 927895205408 | F96T12 D HO-O ALTO | 6.8 |
| 927895284104 | F96T12/841 HO ALTO 1LP | 6.8 |
| 927895303302 | F96T12 CW HO/EW ALTO | 6.8 |
| 927895303315 | F96T12 CW HO/EW ALTO UPC | 6.8 |



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