

Fluorescent Lamps

Preheat T12 Lamps, Slimline T12 Fluorescent Lamps, High Output T12 Lamps

| Watts | Product Number | Symbols, Footnotes | Ordering Code | Pkg Qty. | Description | Nom. Length (In.) | Rated Avg. Life (Hrs.) (202) | Approx. Initial Lumens (203,204) | Design Lumens (208) | CRI |
|-------|----------------|--------------------|---------------|----------|-------------|-------------------|------------------------------|----------------------------------|---------------------|-----|
|-------|----------------|--------------------|---------------|----------|-------------|-------------------|------------------------------|----------------------------------|---------------------|-----|

Preheat T12 Fluorescent Lamps

T12 Medium Bipin Linear Fluorescent Lamps

| | | | | | | | | | | |
|----|---------|---|----------------|----|-------------------|----|------|------|------|----|
| 15 | 14149-9 | | F15T12/CW 30PK | 30 | Cool White, 4100K | 18 | 9000 | 800 | 695 | 62 |
| 20 | 27328-4 | ● | F20T12/D/ALTO | 30 | Daylight, 6500K | 24 | 9000 | 960 | 960 | 73 |
| | 27332-6 | ● | F20T12/CW/ALTO | 30 | Cool White, 4100K | 24 | 9000 | 1200 | 1050 | 59 |
| | 27349-0 | ● | F20T12/WW/ALTO | 30 | Warm White, 3000K | 24 | 9000 | 1250 | 1100 | 49 |

Slimline T12 Fluorescent Lamps

T12 Single Pin Linear Fluorescent Lamps; Instant Start

| | | | | | | | | | | |
|----|---------|---|------------------------|----|------------------------------|----|--------|------|------|----|
| 39 | 36219-4 | ● | F48T12/D/ALTO | 15 | Daylight, 6500K | 48 | 9000 | 2500 | 2220 | 73 |
| | 36321-8 | ● | F48T12/CW ALTO 15PK | 15 | Cool White, 4100K | 48 | 9000 | 2950 | 2600 | 62 |
| 56 | 36985-0 | ● | F72T12/D/ALTO | 15 | Daylight, 6500K | 72 | 12,000 | 3800 | 3350 | 73 |
| | 36989-2 | ● | F72T12/CW/ALTO | 15 | Cool White, 4100K | 72 | 12,000 | 4450 | 3900 | 59 |
| 75 | 42305-3 | ● | F96T12/NX/ALTO | 15 | Neutral Deluxe, 3500K | 96 | 12,000 | 5000 | 4250 | 88 |
| | 42319-4 | ● | F96T12/CWSupreme/ALTO | 15 | Cool White Supreme, 4100K | 96 | 12,000 | 5000 | 4250 | 89 |
| | 42387-1 | ● | F96T12/C50Supreme/ALTO | 15 | Color Tone 50 Supreme, 5000K | 96 | 12,000 | 5000 | 4350 | 90 |
| | 37282-1 | ● | F96T12/DX/ALTO | 15 | Daylight Deluxe, 6500K | 96 | 12,000 | 4775 | 4200 | 90 |

High Output T12 Fluorescent Lamps (800ma)

T12 Recessed D.C. Linear Fluorescent Lamps (207, 214)

| | | | | | | | | | | |
|-----|---------|---|-------------------|----|------------------------|----|--------|------|------|----|
| 60 | 36984-3 | ● | F48T12/D/HO/ALTO | 15 | Daylight, 6500K | 48 | 12,000 | 3400 | 3000 | 73 |
| | 36978-5 | ● | F48T12/CW/HO/ALTO | 15 | Cool White, 4100K | 48 | 12,000 | 4050 | 3500 | 59 |
| 85 | 36653-4 | ● | F72T12/D/HO/ALTO | 15 | Daylight, 6500K | 72 | 12,000 | 5600 | 4850 | 73 |
| | 36651-8 | ● | F72T12/CW/HO/ALTO | 15 | Cool White, 4100K | 72 | 12,000 | 6350 | 5500 | 59 |
| 100 | 21489-0 | ● | F96T12/DX/HO | 15 | Daylight Deluxe, 6500K | 96 | 12,000 | 6750 | 5800 | 90 |

High Output Outdoor Rated T12 Series Fluorescent Lamps (800ma)

T12 Recessed D.C. Linear Fluorescent Lamps; For Low Temperature Applications (223)

| | | | | | | | | | | |
|-----|---------|---|---------------------|----|-------------------|----|--------|------|------|----|
| 110 | 38177-4 | ● | F96T12/D/HO-O/ALTO | 15 | Daylight, 6500K | 96 | 12,000 | 7800 | 6800 | 73 |
| | 38176-4 | ● | F96T12/CW/HO-O/ALTO | 15 | Cool White, 4100K | 96 | 12,000 | 8800 | 7650 | 59 |

For the most current product information, go to the e-catalog on www.philips.com.
Fluorescent symbols and footnotes located on page 44.



T12 Medium Bipin



T12 Single Pin



T12 Recessed DC

Fluorescent Lamps

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Preheat T12 Fluorescent Lamps

T12 Medium Bipin Linear Fluorescent Lamps

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| 15 | 14149-9 | | F15T12/CW 30PK | 30 | Cool White, 4100K | 18 | 9000 | 800 | 695 | 62 |
| 20 | 27328-4 | ● | F20T12/D/ALTO | 30 | Daylight, 6500K | 24 | 9000 | 960 | 960 | 73 |
| | 27332-6 | ● | F20T12/CW/ALTO | 30 | Cool White, 4100K | 24 | 9000 | 1200 | 1050 | 59 |
| | 27349-0 | ● | F20T12/WW/ALTO | 30 | Warm White, 3000K | 24 | 9000 | 1250 | 1100 | 49 |

Slimline T12 Fluorescent Lamps

T12 Single Pin Linear Fluorescent Lamps; Instant Start

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| 56 | 36985-0 | ● | F72T12/D/ALTO | 15 | Daylight, 6500K | 72 | 12,000 | 3800 | 3350 | 73 |
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| 75 | 42305-3 | ● | F96T12/NX/ALTO | 15 | Neutral Deluxe, 3500K | 96 | 12,000 | 5000 | 4250 | 88 |
| | 42319-4 | ● | F96T12/CWSupreme/ALTO | 15 | Cool White Supreme, 4100K | 96 | 12,000 | 5000 | 4250 | 89 |
| | 42387-1 | ● | F96T12/C50Supreme/ALTO | 15 | Color Tone 50 Supreme, 5000K | 96 | 12,000 | 5000 | 4350 | 90 |
| | 37282-1 | ● | F96T12/DX/ALTO | 15 | Daylight Deluxe, 6500K | 96 | 12,000 | 4775 | 4200 | 90 |

High Output T12 Fluorescent Lamps (800ma)

T12 Recessed D.C. Linear Fluorescent Lamps (207, 214)

| | | | | | | | | | | |
|-----|---------|---|-------------------|----|------------------------|----|--------|------|------|----|
| 60 | 36984-3 | ● | F48T12/D/HO/ALTO | 15 | Daylight, 6500K | 48 | 12,000 | 3400 | 3000 | 73 |
| | 36978-5 | ● | F48T12/CW/HO/ALTO | 15 | Cool White, 4100K | 48 | 12,000 | 4050 | 3500 | 59 |
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| | 36651-8 | ● | F72T12/CW/HO/ALTO | 15 | Cool White, 4100K | 72 | 12,000 | 6350 | 5500 | 59 |
| 100 | 21489-0 | ● | F96T12/DX/HO | 15 | Daylight Deluxe, 6500K | 96 | 12,000 | 6750 | 5800 | 90 |

High Output Outdoor Rated T12 Series Fluorescent Lamps (800ma)

T12 Recessed D.C. Linear Fluorescent Lamps; For Low Temperature Applications (223)

| | | | | | | | | | | |
|-----|---------|---|---------------------|----|-------------------|----|--------|------|------|----|
| 110 | 38177-4 | ● | F96T12/D/HO-O/ALTO | 15 | Daylight, 6500K | 96 | 12,000 | 7800 | 6800 | 73 |
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T12 Medium Bipin



T12 Single Pin



T12 Recessed DC