

FLUORESCENT LAMPS

SILHOUETTE™ T5 Lamps

| Watts | Product Number | Symbols, Footnotes | Ordering Code | Pkg. Qty.† | Description | Nom. Length (In.) | Rated Average Life 3 Hr. Start (202) | Rated Average Life 12 Hr. Start (241) | Approx. Initial Lumens (203,204) | Design Lumens (208) | CRI |
|-------|----------------|--------------------|---------------|------------|-------------|-------------------|--------------------------------------|---------------------------------------|----------------------------------|---------------------|-----|
|-------|----------------|--------------------|---------------|------------|-------------|-------------------|--------------------------------------|---------------------------------------|----------------------------------|---------------------|-----|

SILHOUETTE™ T5 HIGH OUTPUT (HO) ENERGY ADVANTAGE LAMPS * AVAILABLE Q4, 2008

T5 Miniature Bipin; Programmed Start

| | | | | | | | | | | | |
|----|---------|----------|--------------------------|----|---------------|----|--------|--------|------|------|----|
| 49 | 22049-1 | \$ @ ● † | F54T5/830/HO/EA/ALTO 49W | 40 | TL 830, 3000K | 46 | 25,000 | 35,000 | 5000 | 4750 | 85 |
| | 22050-9 | \$ @ ● † | F54T5/835/HO/EA/ALTO 49W | 40 | TL 835, 3500K | 46 | 25,000 | 35,000 | 5000 | 4750 | 85 |
| | 22052-5 | \$ @ ● † | F54T5/841/HO/EA/ALTO 49W | 40 | TL 841, 4100K | 46 | 25,000 | 35,000 | 5000 | 4750 | 85 |
| | 22053-3 | \$ @ ● † | F54T5/850/HO/EA/ALTO 49W | 40 | TL 850, 5000K | 46 | 25,000 | 35,000 | 4850 | 4625 | 82 |

SILHOUETTE™ T5 HIGH OUTPUT (HO) LAMPS “EXTREME TEMPERATURE” WITH AMALGAM TECHNOLOGY

T5 Miniature Bipin; Programmed Start

| | | | | | | | | | | | |
|----|----------|----------|---------------------|----|---------------|----|--------|--------|------|------|----|
| 54 | 21766-1 | \$ @ ● † | F54T5/835/HO/A/ALTO | 40 | TL 835, 3500K | 46 | 25,000 | 35,000 | 5000 | 4750 | 85 |
| | 21769-5 | \$ @ ● † | F54T5/841/HO/A/ALTO | 40 | TL 841, 4100K | 46 | 25,000 | 35,000 | 5000 | 4750 | 85 |
| | 22807-2* | \$ @ ● † | F54T5/850/HO/A/ALTO | 40 | TL 850, 5000K | 46 | 25,000 | 35,000 | 4850 | 4625 | 82 |

SILHOUETTE™ T5 VERY HIGH OUTPUT (VHO) LAMPS “EXTREME TEMPERATURE” WITH AMALGAM TECHNOLOGY

T5 Miniature Bipin; Programmed Start

| | | | | | | | | | | | |
|----|----------|-----|----------------------|----|---------------|----|--------|--------|------|------|----|
| 95 | 21771-1 | ● † | F95T5/835/VHO/A/ALTO | 40 | TL 835, 3500K | 46 | 25,000 | 35,000 | 7200 | 6500 | 85 |
| | 21772-3 | ● † | F95T5/841/VHO/A/ALTO | 40 | TL 841, 4100K | 46 | 25,000 | 35,000 | 7200 | 6500 | 85 |
| | 22809-8* | ● † | F95T5/850/VHO/A/ALTO | 40 | TL 850, 5000K | 46 | 25,000 | 35,000 | 6985 | 6285 | 82 |

SILHOUETTE™ LONG LIFE T5 HIGH OUTPUT (HO) LAMPS—(2FT–5 FT)

T5 Miniature Bipin; Programmed Start

| | | | | | | | | | | | |
|----|---------|--------|-------------------|----|---------------|----|--------|--------|------|------|----|
| 24 | 29019-7 | \$ ● | F24T5/830/HO/ALTO | 40 | TL 830, 3000K | 22 | 25,000 | 35,000 | 2000 | 1900 | 85 |
| | 29020-5 | \$ ● | F24T5/835/HO/ALTO | 40 | TL 835, 3500K | 22 | 25,000 | 35,000 | 2000 | 1900 | 85 |
| | 29021-3 | \$ ● | F24T5/841/HO/ALTO | 40 | TL 841, 4100K | 22 | 25,000 | 35,000 | 2000 | 1900 | 85 |
| 39 | 29022-1 | \$ ● | F39T5/835/HO/ALTO | 40 | TL 830, 3000K | 34 | 25,000 | 35,000 | 3500 | 3325 | 85 |
| | 29023-9 | \$ ● | F39T5/835/HO/ALTO | 40 | TL 835, 3500K | 34 | 25,000 | 35,000 | 3500 | 3325 | 85 |
| | 29025-4 | \$ ● | F39T5/841/HO/ALTO | 40 | TL 841, 4100K | 34 | 25,000 | 35,000 | 3500 | 3325 | 85 |
| 54 | 29026-2 | \$ ● @ | F54T5/830/HO/ALTO | 40 | TL 830, 3000K | 46 | 25,000 | 35,000 | 5000 | 4750 | 85 |
| | 29028-8 | \$ ● @ | F54T5/835/HO/ALTO | 40 | TL 835, 3500K | 46 | 25,000 | 35,000 | 5000 | 4750 | 85 |
| | 29083-3 | \$ ● @ | F54T5/841/HO/ALTO | 40 | TL 841, 4100K | 46 | 25,000 | 35,000 | 5000 | 4750 | 85 |
| | 13510-3 | \$ ● @ | F54T5/850/HO/ALTO | 40 | TL 850, 5000K | 46 | 25,000 | 35,000 | 4850 | 4625 | 82 |
| 80 | 14745-4 | \$ ● @ | F54T5/865/HO/ALTO | 40 | TL 865, 6500K | 46 | 25,000 | 35,000 | 4750 | 4500 | 82 |
| | 29084-1 | \$ ● | F80T5/830/HO/ALTO | 40 | TL 830, 3000K | 58 | 25,000 | 35,000 | 7000 | 6650 | 85 |
| | 14744-7 | \$ ● | F80T5/835/HO/ALTO | 40 | TL 835, 3000K | 58 | 25,000 | 35,000 | 7000 | 6650 | 85 |
| | 29088-2 | \$ ● | F80T5/841/HO/ALTO | 40 | TL 841, 4100K | 58 | 25,000 | 35,000 | 7000 | 6650 | 85 |

* Available Q2 2009

For the most current product information, go to the e-catalog on www.philips.com
Fluorescent symbols and footnotes located on page 120

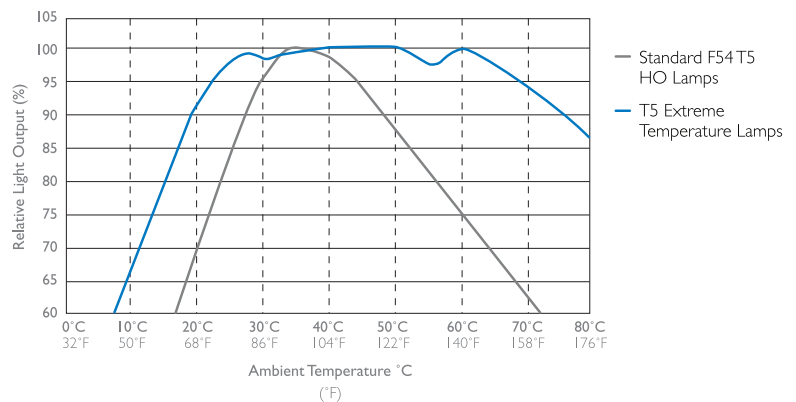
SILHOUETTE T5 & LONG LIFE T5

Warranty Period: 36 months*

* Certain limitations and conditions apply.
See Philips for further warranty details.

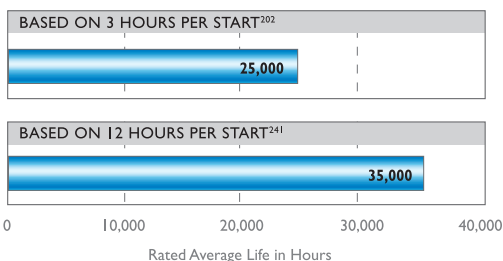
PERFORMANCE (RELATIVE LIGHT OUTPUT VS. TEMPERATURE)

Philips T5 Extreme Temperature Lamps vs. Standard F54T5 Lamps



RATED AVERAGE LIFE

■ Philips SILHOUETTE™ T5



FLUORESCENT LAMPS

SILHOUETTE™ T5, Colored Linear Fluorescent Lamps

| Watts | Product Number | Symbols, Footnotes | Ordering Code | Pkg. Qty.‡ | Description | Nom. Length (In.) | Rated Average Life | | Approx. Initial Lumens (203,204) | Design Lumens (208) | CRI |
|-------|----------------|--------------------|---------------|------------|-------------|-------------------|--------------------|--------------------|----------------------------------|---------------------|-----|
| | | | | | | | 3 Hr. Start (202) | 12 Hr. Start (241) | | | |

SILHOUETTE™ LONG LIFE T5 LAMPS—(2FT-5 FT)

T5 Miniature Bipin; Programmed Start

| | | | | | | | | | | | |
|----|---------|-------|----------------|----|---------------|----|--------|--------|------|------|----|
| 14 | 23077-1 | \$ ● | F14T5/830/ALTO | 40 | TL 830, 3000K | 22 | 25,000 | 35,000 | 1350 | 1275 | 85 |
| | 23079-7 | \$ ● | F14T5/835/ALTO | 40 | TL 835, 3500K | 22 | 25,000 | 35,000 | 1350 | 1275 | 85 |
| | 23080-5 | \$ ● | F14T5/841/ALTO | 40 | TL 841, 4100K | 22 | 25,000 | 35,000 | 1350 | 1275 | 85 |
| 21 | 23081-3 | \$ ● | F21T5/830/ALTO | 40 | TL 830, 3000K | 34 | 25,000 | 35,000 | 2100 | 2000 | 85 |
| | 23082-1 | \$ ● | F21T5/835/ALTO | 40 | TL 835, 3500K | 34 | 25,000 | 35,000 | 2100 | 2000 | 85 |
| | 23083-9 | \$ ● | F21T5/841/ALTO | 40 | TL 841, 4100K | 34 | 25,000 | 35,000 | 2100 | 2000 | 85 |
| 28 | 23084-7 | \$ ●ⓔ | F28T5/830/ALTO | 40 | TL 830, 3000K | 46 | 25,000 | 35,000 | 2900 | 2750 | 85 |
| | 23085-4 | \$ ●ⓔ | F28T5/835/ALTO | 40 | TL 835, 3500K | 46 | 25,000 | 35,000 | 2900 | 2750 | 85 |
| | 23086-2 | \$ ●ⓔ | F28T5/841/ALTO | 40 | TL 841, 4100K | 46 | 25,000 | 35,000 | 2900 | 2750 | 85 |
| 35 | 23088-8 | \$ ● | F35T5/830/ALTO | 40 | TL 830, 3000K | 58 | 25,000 | 35,000 | 3650 | 3450 | 85 |
| | 23091-2 | \$ ● | F35T5/835/ALTO | 40 | TL 835, 3500K | 58 | 25,000 | 35,000 | 3650 | 3450 | 85 |
| | 23095-3 | \$ ● | F35T5/841/ALTO | 40 | TL 841, 4100K | 58 | 25,000 | 35,000 | 3650 | 3450 | 85 |

| 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 |
|-------|----------------|--------------------|---------------|------------|-------------|-------------------|------------------------------|----------------------------------|---------------------|-----|
|-------|----------------|--------------------|---------------|------------|-------------|-------------------|------------------------------|----------------------------------|---------------------|-----|

COLORED—LINEAR FLUORESCENT LAMPS—T5 HIGH OUTPUT

| | | | | | | | | | | |
|----|---------|----|----------------|----|---------------------------------|----|--------|------|------|-----|
| 24 | 14637-3 | \$ | F24T5/RED/HO | 15 | TL5HO Colored Pro 24W/150 Red | 22 | 12,000 | 1400 | 1330 | N/A |
| | 14638-1 | \$ | F24T5/GREEN/HO | 15 | TL5HO Colored Pro 24W/170 Green | 22 | 12,000 | 2750 | 2475 | N/A |
| | 14639-9 | \$ | F24T5/BLUE/HO | 15 | TL5HO Colored Pro 24W/180 Blue | 22 | 12,000 | 550 | 440 | N/A |
| 54 | 14640-7 | \$ | F54T5/RED/HO | 15 | TL5HO Colored Pro 54W/150 Red | 46 | 12,000 | 3450 | 3280 | N/A |
| | 14641-5 | \$ | F54T5/GREEN/HO | 15 | TL5HO Colored Pro 54W/170 Green | 46 | 12,000 | 6900 | 6210 | N/A |
| | 14642-3 | \$ | F54T5/BLUE/HO | 15 | TL5HO Colored Pro 54W/180 Blue | 46 | 12,000 | 1500 | 1200 | N/A |

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Fluorescent symbols and footnotes located on page 120

T5 LUMENS AT 35°C AND 25°C



T5 Miniature Bipin

| Lamp Type | Approx. Initial Lumens at 35°C (203, 204) | Approx. Initial Lumens at 25°C (203, 204) |
|-----------|---|---|
| F14T5 | 1350 | 1200 |
| F21T5 | 2100 | 1900 |
| F28T5 | 2900 | 2600 |
| F35T5 | 3650 | 3300 |
| F24T5/HO | 2000 | 1800 |
| F39T5/HO | 3500 | 3150 |
| F54T5/HO | 5000 | 4500 |
| F80T5/HO | 7000 | 6300 |