

Fluorescent Lamps

TuffGuard Lamps

Watts	Product Number	Symbols, Footnotes	Ordering Code	Pkg. Qty.	Color Temp. (K)	Nom. Length (In.)	Rated Avg. Life (Hrs.)(241)	Approx. Initial Lumens (203,204)	CRI	Availability
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TuffGuard T5 Fluorescent Coated Lamps

T5 Miniature Bipin Linear Fluorescent Lamps

14	16690-0	●	F14T5/830/ALTO TG	40	3000	22	35,000	1350	85	Made to Order
21	16669-4	●	F21T5/841/ALTO TG	40	4100	34	35,000	2100	85	Made to Order
28	16417-8	●	F28T5/835/ALTO TG	40	3500	46	35,000	2900	85	Stocked
	16674-4	●	F28T5/841/ALTO TG	40	4100	46	35,000	2900	85	Stocked
44	42058-8	⊙ ●	F54T5/835/HO/XEW/ALTO 44W TG	40	3500	46	35,000	4520	85	Made to Order
	42059-6	⊙ ●	F54T5/841/HO/XEW/ALTO 44W TG	40	4100	46	35,000	4520	85	Made to Order
	42060-4	⊙ ●	F54T5/850/HO/XEW/ALTO 44W TG	40	5000	46	35,000	4400	82	Made to Order
49	16961-5	●	F54T5/841/HO/EA/ALTO 49W TG	40	4100	46	35,000	5000	85	Stocked
	40900-3	●	F54T5/850/HO/EA/ALTO 49W TG	40	5000	46	35,000	4850	82	Stocked
54	16672-8	●	F54T5/835/HO/ALTO TG	40	3500	46	35,000	5000	85	Stocked
	16298-2	●	F54T5/841/HO/ALTO TG	40	4100	46	35,000	5000	85	Stocked
	16686-8	●	F54T5/850/HO/ALTO TG	40	5000	46	35,000	5000	82	Stocked

TuffGuard T8 Fluorescent Coated Lamps

T8 Medium Bipin Linear Fluorescent Lamps

25	28288-9	●	F25T8/TL830/PLUS/ALTO TG	30	3000	36	36,000	2225	85	Stocked
	28289-7	●	F25T8/TL835/PLUS/ALTO TG	30	3500	36	36,000	2225	85	Stocked
	28290-5	●	F25T8/TL841/PLUS/ALTO TG	30	4100	36	36,000	2225	85	Stocked
28	28319-2	●	F32T8/ADV830/EW/ALTO 28W TG	30	3000	48	36,000	2725	85	Stocked
32	28329-1	●	F32T8/ADV850/ALTO TG	30	5000	48	30,000	3000	82	Made to Order
	28312-7	●	F32T8/ADV850/XEW/ALTO TG	30	5000	48	30,000	2400	82	Made to Order
	28330-9	●	F32T8/TL730/ALTO TG	30	3,000	48	30,000	2700	78	Made to Order
	28331-7	●	F32T8/TL735/ALTO TG	30	3500	48	30,000	2700	78	Stocked
	28332-5	●	F32T8/TL741/ALTO TG	30	4100	48	30,000	2700	78	Stocked
	28333-3	●	F32T8/TL750/ALTO TG	30	5000	48	30,000	2600	78	Made to Order
	28335-8	●	F32T8/TL835/ALTO TG	30	3500	48	30,000	2850	85	Stocked
	28336-6	●	F32T8/TL841/ALTO TG	30	4100	48	30,000	2850	85	Made to Order
	28337-4	●	F32T8/TL850/ALTO TG	30	5000	48	30,000	2850	82	Made to Order
	28339-0	●	F32T8/ADV841/ALTO TG	30	4100	48	30,000	3150	85	Stocked
	28342-4	●	F32T8/TL741/PLUS/ALTO TG	30	4100	48	36,000	2800	78	Stocked
	28343-2	●	F32T8/TL750/PLUS/ALTO TG	30	5000	48	36,000	2700	78	Stocked
	28345-7	●	F32T8/TL835/PLUS/ALTO TG	30	3500	48	36,000	2950	85	Stocked
	28303-6	●	F32T8/TL841/XLL/ALTO TG	30	4100	48	40,000	2950	85	Stocked
	28346-5	●	F32T8/TL841/PLUS/ALTO TG	30	4100	48	36,000	2950	85	Stocked
44	28347-3	●	F32T8/TL850/PLUS/ALTO TG	30	5000	48	36,000	2850	82	Stocked
	42304-6	●	F32T8/TL765/PLUS/ALTO TG	30	6500	48	36,000	2750	78	Made To Order
	40905-2	●	F48T8/TL841/HO/ALTO TG	25	4100	48	18,000	4000	85	Made to Order
59	40907-8	●	F96T8/TL741/PLUS/ALTO TG	25	4100	96	30,000	5700	78	Made to Order
	40909-4	●	F96T8/TL841/PLUS/ALTO TG	25	4100	96	30,000	5900	85	Made to Order
86	40912-8	●	F96T8/TL841/HO/PLUS/ALTO TG	25	4100	96	30,000	8200	85	Stocked

Note: Made to order products require a 3 week lead time.

For the most current product information, go to the e-catalog on www.philips.com

Fluorescent symbols and footnotes located on page 40



T5 Miniature Bipin



T8 Medium Bipin