

PHILIPS

LED

MainsFit
(UL Type-B) lamps



Installation **simplified**

Philips MainsFit (UL Type B) T8 LED lamps use a double-ended design which significantly simplifies installation, saving time and costs. This product can replace T5, T8 or T12 lamps in fixtures containing shunted or non-shunted sockets.

- **Lifetime delivered** — average life rating of 50,000 hours² means satisfied customers
- **Easy install** — double-ended design installs quicker than single-ended bypass lamps
- **Peace of mind** — built-in surge protection, protection against mis-use, lamp not damaged if mistakenly put into a ballasted fixture, lamp senses human touch and turns off power if the pins are touched
- **Energy Savings** — proven over 40% energy savings¹ over fluorescent systems
- **Ballast bypass** — UL Type-B
- **Variety** — available in 2ft, 3ft, 4ft, 8ft and T5 HO
- **Light quality and performance predictability**— consistent light output and no flicker means satisfied happy customers and no wasted time redoing a job
- **Proven product history** and a company with a long history of innovation and reliability in the lighting industry
- **Wide beam light distribution** — 240° beam angle, 350° degree illumination angle
- **Installation simplicity** — can be used with both shunted and non-shunted sockets
- **DLC certified** — all MainsFit lamps are DLC certified



1. Savings based on comparison to F32T8 electronic instant start systems.

2. Tested to B50 L70 requirement.

3. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

4. Photometric testing consistent with IES LM-79.

Philips MainsFit (UL Type-B) LED lamps

Ordering, electrical and technical data (Subject to change without notice)

Product Number	Model Number	DLC Product ID	Ordering Code	Volts	Watts	Initial Lumens ⁴	CRI	Color Temp. (K)	Pkg Qty	LED Lifetime ³	MOL (In.)	Beam Angle
4ft MasterClass T8												
53267-1	9290018768	PHOGPIG6	12T8/48-830/BB17/G 10/1 FB	120-277	12	1700	80	3000	10	50,000	48	240°
53268-9	9290018769	PS838QCF	12T8/48-835/BB17/G 10/1 FB	120-277	12	1700	80	3500	10	50,000	48	240°
53269-7	9290018770	PRLV3PP4	12T8/48-840/BB18/G 10/1 FB	120-277	12	1800	80	4000	10	50,000	48	240°
53270-5	9290018771	PYPHBOOB	12T8/48-850/BB18/G 10/1 FB	120-277	12	1800	80	5000	10	50,000	48	240°
8ft CorePro T8												
54526-9	9290020140	Pending	34T8/COR/96-840/MF42/G/FA8 10/1	120-277	34	4200	82	4000	10	50,000	48	240°
54527-7	9290020141	Pending	34T8/COR/96-850/MF42/G/FA8 10/1	120-277	34	4200	82	5000	10	50,000	48	240°
54528-5	9290020142	Pending	44T8HO/COR/96-840/MF54/G/R17d 10/1	120-277	44	5400	82	4000	10	50,000	48	240°
54529-3	9290020143	Pending	44T8HO/COR/96-850/MF54/G/R17d 10/1	120-277	44	5400	82	5000	10	50,000	48	240°
4ft CorePro T8												
47731-5	9290018454	P3V56EPW	14T8PRO/48-830/BB17/G 10/1 FB	120-277	14	1700	82	3000	10	50,000	48	240°
47732-3	9290018455	PN3X1615	14T8PRO/48-835/BB17/G 10/1 FB	120-277	14	1700	82	3500	10	50,000	48	240°
47733-1	9290018456	PTLP67HI	14T8PRO/48-840/BB18/G 10/1 FB	120-277	14	1800	82	4000	10	50,000	48	240°
47734-9	9290018457	PDSO3H88	14T8PRO/48-850/BB18/G 10/1 FB	120-277	14	1800	82	5000	10	50,000	48	240°
47174-8	9290013631A	P3STDHPR	16.5T8PRO/48-830/BB20/G	120-277	17	2000	82	3000	10	50,000	48	240°
47175-5	9290013632A	PY5XD54C	16.5T8PRO/48-835/BB20/G	120-277	17	2000	82	3500	10	50,000	48	240°
47176-3	9290013633A	PKVUC6JH	16.5T8PRO/48-840/BB21/G	120-277	17	2100	82	4000	10	50,000	48	240°
47177-1	9290013634A	PFKMF7AO	16.5T8PRO/48-850/BB21/G	120-277	17	2100	82	5000	10	50,000	48	240°
3ft CorePro T8												
53549-2	9290019342	PEKX8MHK	11.5T8PRO/36-830/BB13/G 10/1 FB	120-277	11.5	1300	82	3000	10	50,000	36	240°
53550-0	9290019343	P51PGWYW	11.5T8PRO/36-835/BB13/G 10/1 FB	120-277	11.5	1300	82	3500	10	50,000	36	240°
53551-8	9290019344	PDESZ0HQ	11.5T8PRO/36-840/BB14/G 10/1 FB	120-277	11.5	1400	82	4000	10	50,000	36	240°
53552-6	9290019345	P6A2TN9L	11.5T8PRO/36-850/BB14/G 10/1 FB	120-277	11.5	1400	82	5000	10	50,000	36	240°
2ft CorePro T8												
53545-0	9290019338	PSB5JDM7	8.5T8PRO/24-830/BB11/G 10/1 FB	120-277	8.5	1100	82	3000	10	50,000	24	240°
53546-8	9290019339	PKG7DURA	8.5T8PRO/24-835/BB11/G 10/1 FB	120-277	8.5	1100	82	3500	10	50,000	24	240°
53547-6	9290019340	PRGU80IY	8.5T8PRO/24-840/BB11/G 10/1 FB	120-277	8.5	1150	82	4000	10	50,000	24	240°
53548-4	9290019341	PEQHT1DN	8.5T8PRO/24-850/BB11/G 10/1 FB	120-277	8.5	1150	82	5000	10	50,000	24	240°
6" U-bend CorePro												
53553-4	9290019346	PAL67OJK	15.5T8-6U PRO/24-830/BB20/G 10/1 FB	120-277	15.5	2000	82	3000	10	50,000	24	180°
53554-2	9290019347	PVKJRY18	15.5T8-6U PRO/24-835/BB20/G 10/1 FB	120-277	15.5	2000	82	3500	10	50,000	24	180°
53555-9	9290019348	PUAR19X3	15.5T8-6U PRO/24-840/BB21/G 10/1 FB	120-277	15.5	2100	82	4000	10	50,000	24	180°
53556-7	9290019349	PMKCEPRN	15.5T8-6U PRO/24-850/BB21/G 10/1 FB	120-277	15.5	2100	82	5000	10	50,000	24	180°
4ft CorePro T5												
54205-0	9290019925	P9GYNK8G	25T5HO/COR/46-835/MF33/G 25/1	120-277	25	3300	82	3500	10	50,000	46	200°
54206-8	9290019926	PBQ7UFSX	25T5HO/COR/46-840/MF35/G 25/1	120-277	25	3500	82	4000	10	50,000	46	200°
54207-6	9290019927	PHK6IM4L	25T5HO/COR/46-850/MF35/G 25/1	120-277	25	3500	82	5000	10	50,000	46	200°

For more information on Philips' limited warranty please visit www.philips.com/warranties

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Signify North America Corporation
200 Franklin Square Drive, Somerset, NJ 08873
Tel. 855-486-2216

Signify Canada Ltd.
281 Hillmount Rd, Markham, ON, Canada L6C 2S3
Tel. 800-668-9008