

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 sockets⁵
- **DLC certified** — Most MainsFit lamps are DLC certified

RoHS
COMPLIANT



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.
5. For proper operation shunting of un-shunted sockets is required. See installation instructions for details.

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												
532671	9290018768A	PVAFJMMI	12T8/MAS/48-830/MF17/G 10/1	120-277	12	1700	80	3000	10	50,000	48	240°
532689	9290018769A	PHSBLUQN	12T8/MAS/48-835/MF17/G 10/1	120-277	12	1700	80	3500	10	50,000	48	240°
532697	9290018770A	P7JFBFB	12T8/MAS/48-840/MF18/G 10/1	120-277	12	1800	80	4000	10	50,000	48	240°
532705	9290018771A	PF12AWS2	12T8/MAS/48-850/MF18/G 10/1	120-277	12	1800	80	5000	10	50,000	48	240°
8ft CorePro T8												
545269	9290020140	P2RHO524	34T8/COR/96-840/MF42/G/FA8 10/1	120-277	34	4200	82	4000	10	50,000	96	240°
545277	9290020141	PE2GMBO6	34T8/COR/96-850/MF42/G/FA8 10/1	120-277	34	4200	82	5000	10	50,000	96	240°
545285	9290020142	No Category	44T8HO/COR/96-840/MF54/G/R17d 10/1	120-277	44	5400	82	4000	10	50,000	96	240°
545293	9290020143	No Category	44T8HO/COR/96-850/MF54/G/R17d 10/1	120-277	44	5400	82	5000	10	50,000	96	240°
4ft CorePro T8												
477315	9290018454A	PZL49NSO	14T8/COR/48-830/MF17/G 10/1	120-277	14	1700	82	3000	10	50,000	48	240°
477323	9290018455A	PYPJ8SII	14T8/COR/48-835/MF17/G 10/1	120-277	14	1700	82	3500	10	50,000	48	240°
477331	9290018456A	P2OJ2JLX	14T8/COR/48-840/MF18/G 10/1	120-277	14	1800	82	4000	10	50,000	48	240°
477349	9290018457A	PZF69ARG	14T8/COR/48-850/MF18/G 10/1	120-277	14	1800	82	5000	10	50,000	48	240°
471748	9290013631B	P18550TJ	16.5T8/COR/48-830/MF20/G 10/1	120-277	16.5	2000	82	3000	10	50,000	48	240°
471755	9290013632B	P1NPKY18	16.5T8/COR/48-835/MF20/G 10/1	120-277	16.5	2000	82	3500	10	50,000	48	240°
471763	9290013633B	PIA18464	16.5T8/COR/48-840/MF21/G 10/1	120-277	16.5	2100	82	4000	10	50,000	48	240°
471771	9290013634B	P3PZIXIH	16.5T8/COR/48-850/MF21/G 10/1	120-277	16.5	2100	82	5000	10	50,000	48	240°
3ft CorePro T8												
535492	9290019342	PEKX8MHK	11.5T8/COR/36-830/MF13/G 10/1	120-277	11.5	1300	82	3000	10	50,000	36	240°
535500	9290019343	P51PGWYW	11.5T8/COR/36-835/MF13/G 10/1	120-277	11.5	1300	82	3500	10	50,000	36	240°
535518	9290019344	PDESZ0HQ	11.5T8/COR/36-840/MF14/G 10/1	120-277	11.5	1400	82	4000	10	50,000	36	240°
535526	9290019345	P6A2TN9L	11.5T8/COR/36-850/MF14/G 10/1	120-277	11.5	1400	82	5000	10	50,000	36	240°
2ft CorePro T8												
535450	9290019338	PSB5JDM7	8.5T8/COR/24-830/MF11/G 10/1	120-277	8.5	1100	82	3000	10	50,000	24	240°
535468	9290019339	PKG7DURA	8.5T8/COR/24-835/MF11/G 10/1	120-277	8.5	1100	82	3500	10	50,000	24	240°
535476	9290019340	PRGU80IY	8.5T8/COR/24-840/MF11/G 10/1	120-277	8.5	1150	82	4000	10	50,000	24	240°
535484	9290019341	PEQHT1DN	8.5T8/COR/24-850/MF11/G 10/1	120-277	8.5	1150	82	5000	10	50,000	24	240°
6" U-bend CorePro												
535534	9290019346	PAL67OJK	15.5T8-6U/COR/24-830/MF20/G 10/1	120-277	15.5	2000	82	3000	10	50,000	24	180°
535542	9290019347	PVKJRY18	15.5T8-6U/COR/24-835/MF20/G 10/1	120-277	15.5	2000	82	3500	10	50,000	24	180°
535559	9290019348	PUAR19X3	15.5T8-6U/COR/24-840/MF21/G 10/1	120-277	15.5	2100	82	4000	10	50,000	24	180°
535567	9290019349	PMKCEPRN	15.5T8-6U/COR/24-850/MF21/G 10/1	120-277	15.5	2100	82	5000	10	50,000	24	180°
4ft CorePro T5												
542050	9290019925	P9GYNK8G	25T5HO/COR/46-835/MF33/G 25/1	120-277	25	3300	82	3500	25	50,000	46	200°
542068	9290019926	PBQ7UFSX	25T5HO/COR/46-840/MF35/G 25/1	120-277	25	3500	82	4000	25	50,000	46	200°
542076	9290019927	PHK6IM4L	25T5HO/COR/46-850/MF35/G 25/1	120-277	25	3500	82	5000	25	50,000	46	200°

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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