



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 either T8 or T12 lamps in fixtures containing shunted or non-shunted G13 (medium bi-pin) lamp holders.

- **Proven over 40% energy savings¹** over fluorescent systems
- **Lifetime delivered** — average life rating of 50,000 hours² means satisfied customers
- **UL classified** and double-ended design for safety
- **Ballast bypass** – UL Type-B
- **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 LED lamps

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

Product Number	Model Number	DLC Product ID	Ordering Code	Volts	Base	CRI	Color Temp. (K)	Pkg Qty	LED Lifetime ³	MOL (In.)	Beam Angle
MainsFit LED T8 High Efficiency – 4ft											
53267-1	9290018768	PHOGP1G6	12T8/PRO/48-830/BB17/G 10/1 FB	120-277	G13	82	3000	10	50,000	48	240°
53268-9	9290018769	PS838QCF	12T8/PRO/48-835/BB17/G 10/1 FB	120-277	G13	82	3500	10	50,000	48	240°
53269-7	9290018770	PLRV3PP4	12T8/PRO/48-840/BB18/G 10/1 FB	120-277	G13	82	4000	10	50,000	48	240°
53270-5	9290018771	PYPHBOOB	12T8/PRO/48-850/BB18/G 10/1 FB	120-277	G13	82	5000	10	50,000	48	240°
MainsFit LED T8 – 4ft											
47731-5	9290018454	P3V56EPW	14T8PRO/48-830/BB17/G 10/1 FB	120-277	G13	82	3000	10	50,000	48	240°
47732-3	9290018455	PN3X1615	14T8PRO/48-835/BB17/G 10/1 FB	120-277	G13	82	3500	10	50,000	48	240°
47733-1	9290018456	PTLP67HI	14T8PRO/48-840/BB18/G 10/1 FB	120-277	G13	82	4000	10	50,000	48	240°
47734-9	9290018457	PDSO3H88	14T8PRO/48-850/BB18/G 10/1 FB	120-277	G13	82	5000	10	50,000	48	240°
MainsFit LED T8 High Output – 4ft											
47174-8	9290013631A	P3STDHPR	16.5T8PRO/48-830/BB20/G	120-277	G13	82	3000	10	50,000	48	240°
47175-5	9290013632A	PY5XD54C	16.5T8PRO/48-835/BB20/G	120-277	G13	82	3500	10	50,000	48	240°
47176-3	9290013633A	PKVUC6JH	16.5T8PRO/48-840/BB21/G	120-277	G13	82	4000	10	50,000	48	240°
47177-1	9290013634A	PFKMF7AO	16.5T8PRO/48-850/BB21/G	120-277	G13	82	5000	10	50,000	48	240°
MainsFit LED T8 – 2ft											
53545-0	9290019338	PSB5JDM7	8.5T8PRO/24-830/BB11/G 10/1 FB	120-277	G13	82	3000	10	50,000	48	240°
53546-8	9290019339	PKG7DURA	8.5T8PRO/24-835/BB11/G 10/1 FB	120-277	G13	82	3500	10	50,000	48	240°
53547-6	9290019340	PRGU80IY	8.5T8PRO/24-840/BB11/G 10/1 FB	120-277	G13	82	4000	10	50,000	48	240°
53548-4	9290019341	PEQHT1DN	8.5T8PRO/24-850/BB11/G 10/1 FB	120-277	G13	82	5000	10	50,000	48	240°
MainsFit LED T8 – 3ft											
53549-2	9290019342	PEKX8MHK	11.5T8PRO/36-830/BB13/G 10/1 FB	120-277	G13	82	3000	10	50,000	48	240°
53550-0	9290019343	PS1PGWYW	11.5T8PRO/36-835/BB13/G 10/1 FB	120-277	G13	82	3500	10	50,000	48	240°
53551-8	9290019344	PDESZ0HQ	11.5T8PRO/36-840/BB14/G 10/1 FB	120-277	G13	82	4000	10	50,000	48	240°
53552-6	9290019345	P6A2TN9L	11.5T8PRO/36-850/BB14/G 10/1 FB	120-277	G13	82	5000	10	50,000	48	240°
MainsFit LED T8 – 6" U-bend											
53553-4	9290019346	PAL67OJK	15.5T8-6U PRO/24-830/BB20/G 10/1 FB	120-277	G13	82	3000	10	50,000	48	240°
53554-2	9290019347	PVKJRY18	15.5T8-6U PRO/24-835/BB20/G 10/1 FB	120-277	G13	82	3500	10	50,000	48	240°
53555-9	9290019348	PUAR19X3	15.5T8-6U PRO/24-840/BB21/G 10/1 FB	120-277	G13	82	4000	10	50,000	48	240°
53556-7	9290019349	PMKCEPRN	15.5T8-6U PRO/24-850/BB21/G 10/1 FB	120-277	G13	82	5000	10	50,000	48	240°

Technical data (Subject to change without notice)

Product Number	Bare Lamp Watts (W)	Initial Lumens ⁴	Beam Angle
MainsFit LED T8 High Efficiency – 4ft			
53267-1	12	1700	240°
53268-9	12	1700	240°
53269-7	12	1800	240°
53270-5	12	1800	240°
MainsFit LED T8 – 4ft			
47731-5	14	1700	240°
47732-3	14	1700	240°
47733-1	14	1800	240°
47734-9	14	1800	240°

Product Number	Bare Lamp Watts (W)	Initial Lumens ⁴	Beam Angle
MainsFit LED T8 High Output – 4ft			
47174-8	17	2000	240°
47175-5	17	2000	240°
47176-3	17	2100	240°
47177-1	17	2100	240°
MainsFit LED T8 – 2ft			
53545-0	8.5	1100	240°
53546-8	8.5	1100	240°
53547-6	8.5	1150	240°
53548-4	8.5	1150	240°

Product Number	Bare Lamp Watts (W)	Initial Lumens ⁴	Beam Angle
MainsFit LED T8 – 3ft			
53549-2	11.5	1300	240°
53550-0	11.5	1300	240°
53551-8	11.5	1400	240°
53552-6	11.5	1400	240°
MainsFit LED T8 – 6" U-bend			
53553-4	15.5	2000	240°
53554-2	15.5	2000	240°
53555-9	15.5	2100	240°
53556-7	15.5	2100	240°

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

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