

PHILIPS

LED lamps

MainsFit (UL Type-B)



Installation **simplified**

Philips LED MainsFit (UL Type B) T8 lamps use a double-ended design which significantly simplifies installation, saving time and costs. This product can replace T5, T8, T12 or PL-L lamps in fixtures containing shunted or non-shunted sockets.¹

Benefits

- **Easy install**
All Philips MainsFit lamps are double-ended for faster installs
- **Installation simplicity**
Can be used with both shunted and non-shunted sockets
- **Maximum durability**
Available in plastic for the best anti-shatter performance
- **Emergency Capable**
Compatible with the new PTB15D emergency driver or the Bodine ELI-S series emergency inverters²
- **Light quality and performance predictability**
Consistent light output and no flicker means delighted customers

Features

- **Ballast bypass**
UL Type B
- **Lifetime delivered**
Up to 70,000 hr average life rating³
- **Available sizes**
T8: 2ft, 3ft, 4ft, 8ft and 6" U-bend
T5: 4ft (HO), 4ft (HE), 3ft (HE) & 2ft (HE)
- **Energy Savings**
Proven over 40% energy savings over fluorescent systems⁴
- **Wide beam light distribution**
Up to 240° beam angle, 350° illumination angle⁵
- **DLC certified**
All MainsFit lamps are DLC listed⁶

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

2. PTB15D compatible only with 4ft T8 MainsFit lamps. For other MainsFit lamps please use Bodine ELI-S series of emergency inverters.

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

5. Photometric testing consistent with IES LM-79.

6. DLC listed where DLC categories exist.

Philips LED MainsFit lamps (UL Type B)



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

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Product No. (6nc)	Model No. (12nc)	DLC Product ID	Description	Volts (V)	Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime ¹ (hrs)	Beam Angle	MOL (in)	Materials	Pkg Qty
4ft MasterClass T8 Plastic													
575480	9290023251	P7ADB1B8	10.5T8/MAS/48-835/MF15/P 10/1	120-277	10.5	1600	82	3500	70,000	180	48	Plastic	10
575498	9290023252	PAWQXZLG	10.5T8/MAS/48-840/MF16/P 10/1	120-277	10.5	1650	82	4000	70,000	180	48	Plastic	10
575506	9290023253	PNSQUHUR	10.5T8/MAS/48-850/MF16/P 10/1	120-277	10.5	1650	82	5000	70,000	180	48	Plastic	10
575514	9290023254	PKC3F284	14.5T8/MAS/48-830/MF20/P 10/1	120-277	14.5	2000	82	3000	70,000	180	48	Plastic	10
575522	9290023255	PVMNRRGB	14.5T8/MAS/48-835/MF20/P 10/1	120-277	14.5	2000	82	3500	70,000	180	48	Plastic	10
575530	9290023256	PHHILPJB	14.5T8/MAS/48-840/MF21/P 10/1	120-277	14.5	2100	82	4000	70,000	180	48	Plastic	10
575548	9290023257	P7NU9OQ8	14.5T8/MAS/48-850/MF21/P 10/1	120-277	14.5	2100	82	5000	70,000	180	48	Plastic	10
575555	9290024395	PCQY4G1R	16.9T8/MAS/48-840/MF24/P 10/1	120-277	16.9	2500	82	4000	70,000	180	48	Plastic	10
575563	9290024424	PCEVR8V0	16.9T8/MAS/48-835/MF25/P 10/1	120-277	16.9	2500	82	3500	70,000	180	48	Plastic	10
575571	9290024425	PF18Z6UF	16.9T8/MAS/48-850/MF25/P 10/1	120-277	16.9	2500	82	5000	70,000	180	48	Plastic	10
4ft CorePro T8 Glass													
563452	9290024837	PJWBAG7L	9.9T8/COR/48-835/MF15/G 10/1	120-277	9.9	1500	80	3500	50000	240	48	Glass	10
563460	9290024838	P4GNLB60	9.9T8/COR/48-840/MF16/G 10/1	120-277	9.9	1650	80	4000	50000	240	48	Glass	10
563478	9290024839	PNRHR3T	9.9T8/COR/48-850/MF16/G 10/1	120-277	9.9	1650	80	5000	50000	240	48	Glass	10
563486	9290024840	PUHHO9G9	12T8/COR/48-830/MF17/G 10/1	120-277	12	1700	80	3000	50000	240	48	Glass	10
563494	9290024841	P81MG6WR	12T8/COR/48-835/MF17/G 10/1	120-277	12	1700	80	3500	50000	240	48	Glass	10
563502	9290024842	PXKUDN50	12T8/COR/48-840/MF18/G 10/1	120-277	12	1800	80	4000	50000	240	48	Glass	10
563510	9290024843	PVDPRFDJ	12T8/COR/48-850/MF18/G 10/1	120-277	12	1800	80	5000	50000	240	48	Glass	10
563528	9290024844	PIZMQ2EC	14.5T8/COR/48-830/MF20/G 10/1	120-277	14.5	2000	80	3000	50000	240	48	Glass	10
563536	9290024845	PWUOJVW	14.5T8/COR/48-835/MF20/G 10/1	120-277	14.5	2000	80	3500	50000	240	48	Glass	10
563544	9290024846	P7YG7OL7	14.5T8/COR/48-840/MF21/G 10/1	120-277	14.5	2100	80	4000	50000	240	48	Glass	10
563551	9290024847	PDR4QOQZ	14.5T8/COR/48-850/MF21/G 10/1	120-277	14.5	2100	80	5000	50000	240	48	Glass	10
8ft CorePro T8 Glass													
575134	9290030994	PNV8L83H	42T8HO/COR/96-840/MF54/G/FA8 10/1	120-277	42	5400	82	4000	50,000	240	96	Glass	10
575142	9290030995	P2NCH72N	42T8HO/COR/96-850/MF54/G/FA8 10/1	120-277	42	5400	82	5000	50,000	240	96	Glass	10
575720	9290031121	P6R7QGS1	33T8/COR/96-840/MF44/G/FA8 10/1	120-277	33	4400	82	4000	50,000	240	96	Glass	10
575738	9290031122	PAQOOFQ5	33T8/COR/96-850/MF44/G/FA8 10/1	120-277	33	4400	82	5000	50,000	240	96	Glass	10
575746	9290031123	No Category	42T8HO/COR/96-840/MF54/G/R17d 10/1	120-277	42	5400	82	4000	50,000	240	96	Glass	10
575753	9290031124	No Category	42T8HO/COR/96-850/MF54/G/R17d 10/1	120-277	42	5400	82	5000	50,000	240	96	Glass	10
PL-L CorePro Glass													
575100	9290030975	PMRRH3FX	17PL-L/COR/22-830/MF22/G/4P 10/1	120-277	17	2200	82	3000	50,000	240	22	Glass	10
575118	9290030976	PDOC47TH	17PL-L/COR/22-835/MF22/G/4P 10/1	120-277	17	2200	82	3500	50,000	240	22	Glass	10
575126	9290030977	PE7ZEGUJ	17PL-L/COR/22-840/MF22/G/4P 10/1	120-277	17	2200	82	4000	50,000	240	22	Glass	10

Product No. (6nc) Model No. (12nc) Description

Type B Emergency Drivers²

263988	913702489401	PTB015B2UK45L1PD1I	Metal housing without conduit
264010	913702489501	PTB015B2UK45C1PD1I	Metal housing with conduit

1. Tested to B50 L70 requirement. 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).

2. Compatible only with 4ft T8 MainsFit lamps.
For other MainsFit lamps please use Bodine ELI-S series of emergency inverters.

Philips LED MainsFit (UL Type B) lamps



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



Product No. (6nc)	Model No. (12nc)	DLC Product ID	Description	Volts (V)	Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime ¹ (hrs)	Beam Angle	MOL (in)	Materials	Pkg Qty
2ft CorePro T8 Glass													
535450	9290019338	PSB5JDM7	8.5T8/COR/24-830/MF11/G 10/1	120-277	8.5	1100	80	3000	50,000	240	24	Glass	10
535468	9290019339	PKG7DURA	8.5T8/COR/24-835/MF11/G 10/1	120-277	8.5	1100	80	3500	50,000	240	24	Glass	10
535476	9290019340	PRGU80IY	8.5T8/COR/24-840/MF11/G 10/1	120-277	8.5	1150	80	4000	50,000	240	24	Glass	10
535484	9290019341	PEQHT1DN	8.5T8/COR/24-850/MF11/G 10/1	120-277	8.5	1150	82	5000	50,000	240	24	Glass	10
3ft CorePro T8 Glass													
535492	9290019342	PEKX8MHK	11.5T8/COR/36-830/MF13/G 10/1	120-277	11.5	1300	82	3000	50,000	240	36	Glass	10
535500	9290019343	P51PGWYW	11.5T8/COR/36-835/MF13/G 10/1	120-277	11.5	1300	82	3500	50,000	240	36	Glass	10
535518	9290019344	PDESZ0HQ	11.5T8/COR/36-840/MF14/G 10/1	120-277	11.5	1400	82	4000	50,000	240	36	Glass	10
535526	9290019345	P6A2TN9L	11.5T8/COR/36-850/MF14/G 10/1	120-277	11.5	1400	82	5000	50,000	240	36	Glass	10
6" U-bend CorePro T8 Glass													
535534	9290019346	PAL670JK	15.5T8-6U/COR/24-830/MF20/G 10/1	120-277	15.5	2000	82	3000	50,000	180	22.5	Glass	10
535542	9290019347	PVKJRY18	15.5T8-6U/COR/24-835/MF20/G 10/1	120-277	15.5	2000	82	3500	50,000	180	22.5	Glass	10
535559	9290019348	PUAR19X3	15.5T8-6U/COR/24-840/MF21/G 10/1	120-277	15.5	2100	82	4000	50,000	180	22.5	Glass	10
535567	9290019349	PMKCEPRN	15.5T8-6U/COR/24-850/MF21/G 10/1	120-277	15.5	2100	82	5000	50,000	180	22.5	Glass	10
2ft CorePro T5 Glass													
576140	9290031227	No Category	8T5HE/COR/22-835/MF10/G 25/1	120-277	8	1000	82	3500	50000	200	22	Glass	25
576157	9290031228	No Category	8T5HE/COR/22-840/MF10/G 25/1	120-277	8	1050	82	4000	50000	200	22	Glass	25
576165	9290031229	No Category	8T5HE/COR/22-850/MF10/G 25/1	120-277	8	1050	82	5000	50000	200	22	Glass	25
3ft CorePro T5 Glass													
576173	9290031230	No Category	10T5HE/COR/34-835/MF13/G 25/1	120-277	10	1300	82	3500	50000	200	34	Glass	25
576181	9290031231	No Category	10T5HE/COR/34-840/MF14/G 25/1	120-277	10	1400	82	4000	50000	200	34	Glass	25
576199	9290031232	No Category	10T5HE/COR/34-850/MF14/G 25/1	120-277	10	1400	82	5000	50000	200	34	Glass	25
4ft CorePro T5 Glass													
576207	9290031233	PQ7HO51Y	14T5HE/COR/46-835/MF20/G 25/1	120-277	14	2000	82	3500	50000	200	46	Glass	25
576215	9290031234	P7NL3V16	14T5HE/COR/46-840/MF21/G 25/1	120-277	14	2100	82	4000	50000	200	46	Glass	25
576223	9290031235	PDIJMHU1	14T5HE/COR/46-850/MF21/G 25/1	120-277	14	2100	82	5000	50000	200	46	Glass	25
4ft CorePro T5 HO Glass													
576231	9290031224	PY2MWDXX	25T5HO/COR/46-835/MF33/G 25/1	120-277	25	3300	82	3500	50000	200	46	Glass	25
576249	9290031225	POSBWIPB	25T5HO/COR/46-840/MF35/G 25/1	120-277	25	3500	82	4000	50000	200	46	Glass	25
576256	9290031226	PKPRHYIX	25T5HO/COR/46-850/MF35/G 25/1	120-277	25	3500	82	5000	50000	200	46	Glass	25

1. Tested to B50 L70 requirement. 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).

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



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