

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
- **Peace of mind**
Patented design prevents shock, provides surge protection while enabling >200 lamps on a single 20A circuit
- **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 rating²
- **Size variety**
Available in 2ft, 3ft, 4ft, 8ft and T5 HO
- **Energy Savings**
Proven over 40% energy savings over fluorescent systems³
- **Emergency capable**
Use with Philips PTB15D emergency drivers
- **Wide beam light distribution**
240° beam angle, 350° illumination angle⁴
- **DLC certified**
All MainsFit lamps are DLC listed⁵
- **Proven product history**
From a company with a long history of innovation and reliability in the lighting industry

1. For proper operation shunting of un-shunted sockets is required.

See installation instructions for details.

2. 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).

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

4. Photometric testing consistent with IES LM-79.

5. DLC listed where DLC categories exist.

Philips LED MainsFit (UL Type B) lamps



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													
471748	9290023948	PIU561WN	15T8/COR/48-830/MF20/G 10/1	120-277	15	2000	82	3000	50,000	240	48	Glass	10
471755	9290023949	PNKCHHNE	15T8/COR/48-835/MF20/G 10/1	120-277	15	2000	82	3500	50,000	240	48	Glass	10
471763	9290023950	PQVJXWZS	15T8/COR/48-840/MF21/G 10/1	120-277	15	2100	82	4000	50,000	240	48	Glass	10
471771	9290023951	PELHION7	15T8/COR/48-850/MF21/G 10/1	120-277	15	2100	82	5000	50,000	240	48	Glass	10
477315	9290023944	PK9WBRJY	12.5T8/COR/48-830/MF17/G 10/1	120-277	12.5	1700	82	3000	50,000	240	48	Glass	10
477323	9290023945	PGUWLHPQ	12.5T8/COR/48-835/MF17/G 10/1	120-277	12.5	1700	82	3500	50,000	240	48	Glass	10
477331	9290023946	PHTWEL3Z	12.5T8/COR/48-840/MF18/G 10/1	120-277	12.5	1800	82	4000	50,000	240	48	Glass	10
477349	9290023947	PQHGJFDD	12.5T8/COR/48-850/MF18/G 10/1	120-277	12.5	1800	82	5000	50,000	240	48	Glass	10
557421	9290023259	P87LFQLH	9.9T8/COR/48-835/MF16/G 10/1	120-277	9.9	1600	82	3500	50,000	240	48	Glass	10
557439	9290023260	PVODK2CO	9.9T8/COR/48-840/MF16/G 10/1	120-277	9.9	1650	82	4000	50,000	240	48	Glass	10
557447	9290023261	P6QUAM20	9.9T8/COR/48-850/MF16/G 10/1	120-277	9.9	1650	82	5000	50,000	240	48	Glass	10
8ft CorePro T8 Glass													
575134	9290030994	Pending	42T8HO/COR/96-840/MF54/G/FA8 10/1	120-277	42	5400	82	4000	50,000	240	96	Glass	10
575142	9290030995	Pending	42T8HO/COR/96-850/MF54/G/FA8 10/1	120-277	42	5400	82	5000	50,000	240	96	Glass	10
575720	9290031121	PSR46S6R	33T8/COR/96-840/MF44/G/FA8 10/1	120-277	33	4400	82	4000	50,000	240	96	Glass	10
575738	9290031122	PCXR2UFK	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	Pending	17PL-L/COR/22-830/MF22/G/4P 10/1	120-277	17	2200	82	3000	50,000	240	22	Glass	10
575118	9290030976	Pending	17PL-L/COR/22-835/MF22/G/4P 10/1	120-277	17	2200	82	3500	50,000	240	22	Glass	10
575126	9290030977	Pending	17PL-L/COR/22-840/MF22/G/4P 10/1	120-277	17	2200	82	4000	50,000	240	22	Glass	10

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).

Product No. (6nc)	Model No. (12nc)	Description
Type B Emergency Drivers		
263988	913702489401	PTB015B2UK45L1PDI1 Metal housing without conduit
264010	913702489501	PTB015B2UK45C1PDI1 Metal housing with conduit

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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
2ft 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	PAL67OJK	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
4ft CorePro T5 Glass													
542050	9290019925	P9GYNK8G	25T5HO/COR/46-835/MF33/G 25/1	120-277	25	3300	82	3500	50,000	200	46	Glass	25
542068	9290019926	PBQ7UFSX	25T5HO/COR/46-840/MF35/G 25/1	120-277	25	3500	82	4000	50,000	200	46	Glass	25
542076	9290019927	PHK6IM4L	25T5HO/COR/46-850/MF35/G 25/1	120-277	25	3500	82	5000	50,000	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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