

# 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.<sup>1</sup>

## 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 inverters<sup>2</sup>
- **Light quality and performance predictability**  
Consistent light output and no flicker means delighted customers

## Features

- **Ballast bypass**  
UL Type B (120-277V)
- **Lifetime delivered**  
Up to 70,000 hr average life rating<sup>3</sup>
- **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 systems<sup>4</sup>
- **Wide beam light distribution**  
Up to 240° beam angle, 350° illumination angle<sup>5</sup>
- **DLC certified**  
All MainsFit lamps are DLC listed<sup>6</sup>

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.

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



Product No. (6nc)	Model No. (12nc)	DLC Product ID	Description	Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime <sup>1</sup> (hrs)	Beam Angle	MOL (in)	Materials	Pkg Qty
<b>MasterClass (Plastic) MainsFit (Type B) - T8 4ft (120-277V)</b>												
579441	929003525104	S-573ND4	10.5T8/MAS/48-835/MF15/P/DIM 25/1	11	1550	82	3500	70,000	180	48	Plastic	25
579458	929003525204	S-QI8DGT	10.5T8/MAS/48-840/MF16/P/DIM 25/1	11	1600	82	4000	70,000	180	48	Plastic	25
579466	929003525304	S-7KSJBW	10.5T8/MAS/48-850/MF16/P/DIM 25/1	11	1600	82	5000	70,000	180	48	Plastic	25
579474	929003525404	S-YDCTVS	14.5T8/MAS/48-830/MF20/P/DIM 25/1	15	2000	82	3000	70,000	180	48	Plastic	25
579482	929003525504	S-O85HQW	14.5T8/MAS/48-835/MF20/P/DIM 25/1	15	2000	82	3500	70,000	180	48	Plastic	25
579490	929003525604	S-RAUJDC	14.5T8/MAS/48-840/MF21/P/DIM 25/1	15	2100	82	4000	70,000	180	48	Plastic	25
579508	929003525704	S-4JUD6L	14.5T8/MAS/48-850/MF21/P/DIM 25/1	15	2100	82	5000	70,000	180	48	Plastic	25
579516	929003525804	S-A8FD2T	16.5T8/MAS/48-835/MF24/P/DIM 25/1	17	2500	82	4000	70,000	180	48	Plastic	25
579524	929003525904	S-B2KA75	16.5T8/MAS/48-840/MF25/P/DIM 25/1	17	2450	82	3500	70,000	180	48	Plastic	25
579532	929003526004	S-809PNW	16.5T8/MAS/48-850/MF25/P/DIM 25/1	17	2500	82	5000	70,000	180	48	Plastic	25
<b>CorePro MainsFit (Type B) - T5 1.5ft (120-277V)</b>												
592758	929004244604	No Category	7T8/COR/18-5CCT/MF9/G 25/1	7	900	82	3000/3500/4000 /5000/6500	50,000	250	18	Glass	25
<b>CorePro MainsFit (Type B) - T5 2ft (120-277V)</b>												
576140	929003122704	No Category	8T5HE/COR/22-835/MF10/G 25/1	8	1000	82	3500	50,000	200	22	Glass	25
576157	929003122804	No Category	8T5HE/COR/22-840/MF10/G 25/1	8	1050	82	4000	50,000	200	22	Glass	25
576165	929003122904	No Category	8T5HE/COR/22-850/MF10/G 25/1	8	1050	82	5000	50,000	200	22	Glass	25
<b>CorePro MainsFit (Type B) - T5 3ft (120-277V)</b>												
592782	929004235204	No Category	12T5HE/COR/34-5CCT/MF16/G 25/1	12	1600	82	3000/3500/4000 /5000/6500	50,000	250	34	Glass	25
<b>CorePro MainsFit (Type B) - T5 4ft (120-277V)</b>												
592790	929004235304	No Category	13T5HE/COR/46-5CCT/MF18/G 25/1	13	1800	82	3000/3500/4000 /5000/6500	50,000	250	46	Glass	25
576231	929003122404	PY2MWDXX	25T5HO/COR/46-835/MF33/G 25/1	25	3300	80	3500	50,000	200	46	Glass	25
576249	929003122504	PO5BWIPB	25T5HO/COR/46-840/MF35/G 25/1	25	3500	82	4000	50,000	200	46	Glass	25
576256	929003122604	PKPRHYIX	25T5HO/COR/46-850/MF35/G 25/1	25	3500	82	5000	50,000	200	46	Glass	25
<b>CorePro MainsFit (Type B) - T8 2ft (120-277V)</b>												
535450	929001933804	PSB5JDM7	8.5T8/COR/24-830/MF11/G 10/1	9	1100	80	3000	50,000	240	24	Glass	10
535468	929001933904	PKG7DURA	8.5T8/COR/24-835/MF11/G 10/1	9	1100	80	3500	50,000	240	24	Glass	10
535476	929001934004	PRGU80IY	8.5T8/COR/24-840/MF11/G 10/1	9	1150	80	4000	50,000	240	24	Glass	10
535484	929001934104	PEQHTIDN	8.5T8/COR/24-850/MF11/G 10/1	9	1150	82	5000	50,000	240	24	Glass	10
<b>CorePro MainsFit (Type B) - T8 3ft (120-277V)</b>												
535492	929001934204	PEKX8MHK	11.5T8/COR/36-830/MF13/G 10/1	12	1300	82	3000	50,000	240	36	Glass	10
535500	929001934304	P51PGWYW	11.5T8/COR/36-835/MF13/G 10/1	12	1300	82	3500	50,000	240	36	Glass	10
535518	929001934404	PDESZOHQ	11.5T8/COR/36-840/MF14/G 10/1	12	1400	82	4000	50,000	240	36	Glass	10
535526	929001934504	P6A2TN9L	11.5T8/COR/36-850/MF14/G 10/1	12	1400	82	5000	50,000	240	36	Glass	10
<b>CorePro MainsFit (Type B) - T8 4ft (120-277V)</b>												
579318	929003523704	S-RCNBD2	9.9T8/COR/48-835/MF15/G/DIM 25/1	10	1500	80	3500	50,000	240	48	Glass	25
579326	929003523804	S-4GP25S	9.9T8/COR/48-840/MF16/G/DIM 25/1	10	1650	80	4000	50,000	240	48	Glass	25
579334	929003523904	S-Q9GJNX	9.9T8/COR/48-850/MF16/G/DIM 25/1	10	1650	80	5000	50,000	240	48	Glass	25
579342	929003524104	S-JO065Y	12T8/COR/48-830/MF17/G/DIM 25/1	12	1700	80	3000	50,000	240	48	Glass	25
579359	929003524204	S-6OHQAZ	12T8/COR/48-835/MF17/G/DIM 25/1	12	1700	80	3500	50,000	240	48	Glass	25
579383	929003524304	S-YDPVZ5	12T8/COR/48-840/MF18/G/DIM 25/1	12	1800	80	4000	50,000	240	48	Glass	25
579391	929003524404	S-E47N92	12T8/COR/48-850/MF18/G/DIM 25/1	12	1800	80	5000	50,000	240	48	Glass	25
579409	929003524604	S-VCHUQY	14.5T8/COR/48-830/MF20/G/DIM 25/1	15	2000	80	3000	50,000	240	48	Glass	25
579417	929003524704	S-4A59KG	14.5T8/COR/48-835/MF20/G/DIM 25/1	15	2000	80	3500	50,000	240	48	Glass	25
579425	929003524804	S-Z5VAIG	14.5T8/COR/48-840/MF21/G/DIM 25/1	15	2100	80	4000	50,000	240	48	Glass	25
579433	929003524904	S-N68XAH	14.5T8/COR/48-850/MF21/G/DIM 25/1	15	2100	80	5000	50,000	240	48	Glass	25

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Product No. (6nc)	Model No. (12nc)	DLC Product ID	Description	Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime <sup>1</sup> (hrs)	Beam Angle	MOL (in)	Materials	Pkg Qty
<b>Contractor-grade MainsFit (Type B) - T8 4ft (120-277V)</b>												
577767	929003474504	PHBJTIQF	14.5T8/CNG/48-835/MF17/G 25/1	15	1750	80	3500	50,000	240	48	Glass	5
577775	929003474604	PAL56OQ3	14.5T8/CNG/48-840/MF18/G 25/1	15	1800	80	4000	50,000	240	48	Glass	25
577783	929003474704	PFHOVHZ7	14.5T8/CNG/48-850/MF18/G 25/1	15	1800	80	5000	50,000	240	48	Glass	25
577791	929003474804	PS3GB54Q	14.5T8/CNG/48-865/MF18/G 25/1	15	1800	80	6500	50,000	240	48	Glass	25
579045	929003510604	PWH5DXIO	16.5T8/CNG/48-835/MF20/G 25/1	17	2000	80	3500	50,000	240	48	Glass	25
579052	929003510704	PCJUDVTN	16.5T8/CNG/48-840/MF21/G 25/1	17	2100	80	4000	50,000	240	48	Glass	25
579060	929003510804	PYDXK24N	16.5T8/CNG/48-850/MF21/G 25/1	17	2100	80	5000	50,000	240	48	Glass	25
<b>CorePro MainsFit (Type B) - T8 8ft (120-277V)</b>												
589804	929003815504	PNV8L83H	43T8/COR/96-5CCT/MF52LS/G /FA8-R17D 10/1	26/34 /43	3400/4300 /5200	82	3000/3500/4000 /5000/6500	50,000	240	96	Glass	10
<b>CorePro MainsFit (Type B) - T8 Ubend (120-277V)</b>												
535534	929001934604	PAL67OJK	15.5T8-6U/COR/24-830/MF20/G 10/1	16	2000	82	3000	50,000	180	23	Glass	10
535542	929001934704	PVKJRY18	15.5T8-6U/COR/24-835/MF20/G 10/1	16	2000	82	3500	50,000	180	23	Glass	10
535559	929001934804	PUAR19X3	15.5T8-6U/COR/24-840/MF21/G 10/1	16	2100	82	4000	50,000	180	23	Glass	10
535567	929001934904	PMKCEPRN	15.5T8-6U/COR/24-850/MF21/G 10/1	16	2100	82	5000	50,000	180	23	Glass	10
562736	929002456604	PGLYX8QV	14.5T8/48-835/MF20/MC IA 10/1	15	2000	80	3500	70,000	160	48	Plastic	10
562744	929002456704	PNAN8SNC	14.5T8/48-840/MF21/MC IA 10/1	15	2100	80	4000	70,000	160	48	Plastic	10
562751	929002456804	PJM308EI	14.5T8/48-850/MF21/MC IA 10/1	15	2100	80	5000	70,000	160	48	Plastic	10
<b>Ultra Efficient MasterClass Glass (Type B) - T8 (120-277V)</b>												
590224	929003794804	S-9T9C59	9.5T8/MAS/48-835/MF17/G/DIM UE 25/1	9.5	1700	82	3500	50,000	240	48	Glass	25
588608	929003794904	S-S1X4TC	9.5T8/MAS/48-840/MF18/G/DIM UE 25/1	9.5	1810	82	4000	50,000	240	48	Glass	25
588616	929003795004	S-LL3GCX	9.5T8/MAS/48-850/MF18/G/DIM UE 25/1	9.5	1810	82	5000	50,000	240	48	Glass	25
<b>CorePro PL-L (Type B) ballast bypass - 4-pin (120-277V)</b>												
575100	929003097504	PMRRH3FX	17PL-L/COR/22-830/MF22/G/4P 10/1	17	2200	82	3000	50,000	240	22	Glass	10
575118	929003097604	PDOC47TH	17PL-L/COR/22-835/MF22/G/4P 10/1	17	2200	82	3500	50,000	240	22	Glass	10
575126	929003097704	PE7ZEGUJ	17PL-L/COR/22-840/MF22/G/4P 10/1	17	2200	82	4000	50,000	240	22	Glass	10
<b>CorePro PL-C/T Color Adjustable (Type B) ballast bypass - 4-pin (120-277V)</b>												
577890	929003477604	No Category	8PL-C/T/COR/26H-3CCT/MF10/P/20/1	8	975/1000/1050	>80	3000/3500/4000	30,000	120	6	Plastic	20
577908	929003477704	No Category	8PL-C/T/COR/26V-3CCT/MF10/P/20/1	8	975/1000/1050	>80	3000/3500/4000	30,000	120	5	Plastic	20
577916	929003477804	No Category	11PL-C/T/COR/32H-3CCT/MF15/P/20/1	11	1425/1450/1500	>80	3000/3500/4000	30,000	120	6	Plastic	20
577924	929003477904	No Category	11PL-C/T/COR/32V-3CCT/MF15/P/20/1	11	1425/1450/1500	>80	3000/3500/4000	30,000	120	5	Plastic	20



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