

PHILIPS

LED lamps

InstantFit (Type-C)



Type C InstantFit LED Tubes

Philips TLED InstantFit Type-C lamps are created by pairing our InstantFit Type-A lamps with our dedicated TLED drivers. The InstantFit LED lamps provide hassle-free installation with simple lamp-for-lamp replacements. They deliver what we promise, with at least 40% energy savings, flicker-free performance, and the life you would expect.

Benefits

- **No visible flicker**
All InstantFit lamps are below 1.0 SVM
- **Driver Usage**
A variety of drivers enable optimizing the light output and wattage consumption for each application - bit.ly/TLEDdrivers
- **Shatter prevention**
Shatter prevention: Our polycarbonate lamps prevent breakage, not just contain shattered glass
- **Light quality and performance predictability**
Consistent light output and no flicker means delighted customers.

Features

- **Flexibility**
Type A lamps can be used as type C lamps
- **Dimmability**
Certain lamp driver combinations are dimmable
- **Compatibility**
Each lamp is compatible with several drivers.
- **Lifetime delivered**
Average life rating of 50,000 hours, with up to 70,000 hours¹
- **Detailed guide**
Type C product selection guide available upon request
- **Proven product history**
From a company with a long history of innovation and reliability in the lighting industry

1. 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).

Philips LED InstantFit Type-C lamps

Type C InstantFit

Most efficient solution
Rebate driven

Compatible lamp types:

- Many Philips Type A lamps can be paired with our dedicated Advance TLED Drivers to form Type C Systems
- Prevents "Snap-back" of conventional lamps and enables rebates
- A variety of drivers enable optimizing the light output and wattage consumption for each application

CorePro



OR

MasterClass



Shatter prevention

+



TLED Driver

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



Product No. (6nc)	Model No. (12nc)	Description	Base	Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime ¹ (hrs)
2FT - T8 MasterClass								
541813	9290019869	7T8/MAS/24-830/IF10/P10/1	G13	7	1050	82	3000	70,000
→ 541821	9290019870	7T8/MAS/24-835/IF10/P10/1	G13	7	1050	82	3500	70,000
541839	9290019871	7T8/MAS/24-840/IF11/P10/1	G13	7	1150	82	4000	70,000
541847	9290019872	7T8/MAS/24-850/IF11/P10/1	G13	7	1150	82	5000	70,000
3FT - T8 MasterClass								
539858	9290019675	8.5T8/MAS/36-830/IF13/P10/1	G13	8.5	1300	82	3000	70,000
539866	9290019679	8.5T8/MAS/36-835/IF13/P10/1	G13	8.5	1300	82	3500	70,000
539874	9290019676	8.5T8/MAS/36-840/IF14/P10/1	G13	8.5	1300	82	4000	70,000
539882	9290019677	8.5T8/MAS/36-850/IF14/P10/1	G13	8.5	1400	82	5000	70,000
4FT - T8 Energy Advantage MasterClass								
565580	9290030253	8.9T8/MAS/48-830/IF15/P/DIM 10/1	G13	8.9	1500	82	3000	70,000
→ 565598	9290030254	8.9T8/MAS/48-835/IF15/P/DIM 10/1	G13	8.9	1500	82	3500	70,000
565606	9290030255	8.9T8/MAS/48-840/IF16/P/DIM 10/1	G13	8.9	1600	82	4000	70,000
565614	9290030256	8.9T8/MAS/48-850/IF16/P/DIM 10/1	G13	8.9	1600	82	5000	70,000
4FT - T8 CorePro								
553214	9290022527A	10T8/COR/48-830/IF15/G10/1	G13	10	1800	82	3000	50,000
553222	9290022528A	10T8/COR/48-835/IF15/G10/1	G13	10	1800	82	3500	50,000
553230	9290019917A	10T8/COR/48-840/IF16/G10/1	G13	10	1700	82	4000	50,000
553248	9290019918	10T8/COR/48-850/IF16/G10/1	G13	10	1700	82	5000	50,000
4FT - T8 High Output MasterClass								
469635	9290011588C	13T8/MAS/48-830/IF20/P/DIM 10/1	G13	14	2100	82	5000	70,000
473926	9290013976B	13T8/MAS/48-835/IF20/P/DIM 10/1	G13	13	2000	82	3000	70,000
473934	9290013977B	13T8/MAS/48-840/IF21/P/DIM 10/1	G13	13	2000	82	3500	70,000
473942	9290013978B	13T8/MAS/48-850/IF21/P/DIM 10/1	G13	13	2100	82	4000	70,000
4FT - T8 High Output CorePro								
470096	9290013430	14T8/PRO/48-830/IF20/G10/1FB	G13	14	2000	82	3000	50,000
470104	9290013431	14T8/PRO/48-835/IF20/G10/1FB	G13	14	2000	82	3500	50,000
470112	9290013432	14T8/PRO/48-840/IF21/G10/1FB	G13	14	2100	82	4000	50,000
470120	9290013433	14T8/PRO/48-850/IF21/G10/1FB	G13	14	2100	82	5000	50,000

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).

Philips LED InstantFit Type-C lamps

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



Product No. (6nc)	Model No. (12nc)	Description	Base	Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifetime ¹ (hrs)
4FT - T8 Ultra High Output MasterClass								
545178	9290020162	15.5T8/MAS/48-830/IF23/P25/1	G13	15.5	2400	82	3000	70,000
533372	9002016304	15.5T8/MAS/48-835/IF24/P25/1	G13	15.5	2400	82	3500	70,000
545194	9002016404	15.5T8/MAS/48-840/IF25/P25/1	G13	15.5	2500	82	4000	70,000
545200	9002016504	15.5T8/MAS/48-850/IF25/P25/1	G13	15.5	2500	82	5000	70,000
8FT - T8 Slimline CorePro								
533000	9290018971	30T8/PER/96-830/IF42/P/FA810/1	G13	30	4200	82	3000	50,000
533018	9290018972	30T8/PER/96-835/IF42/P/FA810/1	G13	30	4200	82	3500	50,000
533026	9290018973	30T8/PER/96-840/IF42/P/FA810/1	G13	30	4200	82	4000	50,000
533034	9290018974	30T8/PER/96-850/IF42/P/FA810/1	G13	30	4200	82	5000	50,000
U-Bend - T8 High Output MasterClass								
541854	9290019874	13T8-6U/MAS/24-830/IF20/P10/1	G13	13	2000	82	3000	70,000
541862	9290019875	13T8-6U/MAS/24-835/IF20/P10/1	G13	13	2000	82	3500	70,000
541870	9290019876	13T8-6U/MAS/24-840/IF21/P10/1	G13	13	2100	82	4000	70,000
541888	9290019877	13T8-6U/MAS/24-850/IF21/P10/1	G13	13	2100	82	5000	70,000

Compatible Drivers (Subject to change without notice)

2FT Lamps Compatible Drivers

MasterClass InstantFit T8

541813	ICN-2P15-TLED-N
541821	ICN-2P16-TLED-HL-N
541839	ICN-3P15-TLED-N
541847	ICN-4P15-TLED-N
	ICN-4P16-TLED-N
	ICN-2P16-TLED-EL-N
	ICN-2P16-TLED-N
	ICN-3P16-TLED-N
	ICN-4P16-TLED-HL-SC
	IZT-2P16-TLED-SC*

3FT Lamps Compatible Drivers

MasterClass InstantFit T8

539858	ICN-2P15-TLED-N
539866	ICN-2P16-TLED-HL-N
539874	ICN-3P15-TLED-N
539882	ICN-4P15-TLED-N
	ICN-4P16-TLED-N
	IZT-4P16-TLED-SC*
	ICN-2P16-TLED-EL-N
	ICN-2P16-TLED-N
	ICN-3P16-TLED-N
	ICN-4P16-TLED-HL-SC
	IZT-2P16-TLED-SC*

4FT Lamps Compatible Drivers

CorePro InstantFit HO T8 (2100 lm)

CorePro InstantFit T8 (1600 lm)	
553214	ICN-2P16-TLED-EL-N
553222	ICN-2P16-TLED-N
553230	ICN-4P16-TLED-HL-SC
553248	IZT-2P16-TLED-SC*
470096	ICN-2P16-TLED-HL-N
470104	ICN-3P16-TLED-N
470112	ICN-4P16-TLED-N
470120	

4FT Lamps Compatible Drivers

MasterClass InstantFit HO T8 (2100 lm)

469635	ICN-2P13-TLED-N
473926	ICN-2P16-TLED-HL-N
473934	ICN-3P13-TLED-N
473942	ICN-4P13-TLED-N
	ICN-4P16-TLED-N
	IZT-4P16-TLED-SC*
	ICN-2P16-TLED-EL-N
	ICN-2P16-TLED-N
	ICN-3P16-TLED-N
	ICN-4P16-TLED-HL-SC
	IZT-2P16-TLED-SC*

4FT Lamps Compatible Drivers

MasterClass InstantFit T8 (1600 lm)

565580	ICN-2P16-TLED-EL-N
565598	ICN-2P16-TLED-N
565606	ICN-4P16-TLED-HL-SC
565614	IZT-2P16-TLED-SC*
	ICN-2P16-TLED-HL-N
	ICN-3P16-TLED-N
	ICN-4P16-TLED-N
	IZT-4P16-TLED-SC*

4FT Lamps Compatible Drivers

MasterClass InstantFit UHO T8 (2500 lm)

545178	ICN-2P15-TLED-N
533372	ICN-2P16-TLED-N
545194	ICN-3P16-TLED-N
545200	ICN-4P16-TLED-HL-SC
	IZT-2P16-TLED-SC*
	ICN-2P16-TLED-EL-N
	ICN-3P15-TLED-N
	ICN-4P15-TLED-N
	ICN-4P16-TLED-N
	IZT-4P16-TLED-SC*

8FT Lamps Compatible Drivers

CorePro InstantFit T8 (4200 lm)

533000	ICN-2P35-TLED-N
533018	
533026	
533034	

8FT Lamps Compatible Drivers

MasterClass InstantFit T8 (4200 lm)

469247	ICN-2P35-TLED-N
469254	

MasterClass InstantFit T5HO (3500 lm)

467126	ICN-2S24-TLED-90C-N
467134	ICN-2S24-TLED-90C-N 2L
467142	ICN-4S24-TLED-90C-2LS-G 4L
467159	ICN-4S24-TLED-90C-2LS-G3Lx2
	ICN-2S24-TLED-90C-N 1L
	ICN-4S24-TLED-90C-2LS-G 3L
	ICN-4S24-TLED-90C-2LS-G

U-Bend MasterClass InstantFit HO T8 (2100 lm)

541854	ICN-2P13-TLED-N
541862	ICN-2P16-TLED-EL-N
541870	IZT-2P16-TLED-SC*
541888	ICN-2P15-TLED-N
	ICN-2P16-TLED-HL-N

Most combinations are DLC listed (QPL listings are included in model numbers and drivers).
Most combinations work in N and N-1 configurations.

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).

* Dimmable driver.



© 2021 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.



Signify North America Corporation
200 Franklin Square Drive,
Somerset, NJ 08873
Telephone 855-486-2216

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L6C 2S3
Telephone 800-668-9008

Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V. All other trademarks are owned by Signify Holding or their respective owners.