PHILIPS

LED

InstantFit lamps

This is **real compatibility**

Other lamps claim compatibility, but only InstantFit has been proven to work with 50% more ballasts[1] delivering even light output, proven energy savings and a long average lifetime. That's true compatibility.

- **InstantFit works with 184 ballasts —** more than any other lamp — so you know it's going to perform as expected and keep you from having to redo any jobs
- **Proven over 40% energy savings**[2] over fluorescent means a satisfied customer and no time wasted going back to a job
- **Lifetime delivered —** average life rating of 50,000 hours[3], with up to 70,000[3] in the portfolio, means satisfied customers
- **Improved profit** and more time growing business instead of doing rework
- **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.

LED

See footnotes on last page.

Philips InstantFit LED lamps

Philips InstantFit LED T8 lamps

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

Product Number	Model Number	Ordering Code	Volts (Depending on Ballast)	Base	CRI	Color Temp. (K)	Pkg Qty	LED Lifetime[5]	MOL (In.)	Beam Angle
InstantFit LED T8 - 4'										
46826-4	9290011239C	10T8/48-3000 IF 10/1	120-277, 347	G13	82	3000	10	50,000	48	160°
● 46827-2	9290011240C	10T8/48-3500 IF 10/1	120-277, 347	G13	82	3500	10	50,000	48	160°
● 46828-0	9290011241C	10T8/48-4000 IF 10/1	120-277, 347	G13	82	4000	10	50,000	48	160°
● 46829-8	9290011242C	10T8/48-5000 IF 10/1	120-277, 347	G13	82	5000	10	50,000	48	160°
● 46956-9	9290011239C	10T8/48-3000 IF 10/1 TAA/NAFTA	120-277, 347	G13	82	3000	10	50,000	48	160°
●● 46957-7	9290011240C	10T8/48-3500 IF 10/1 TAA/NAFTA	120-277, 347	G13	82	3500	10	50,000	48	160°
●● 46958-5	9290011241C	10T8/48-4000 IF 10/1 TAA/NAFTA	120-277, 347	G13	82	4000	10	50,000	48	160°
●● 46959-3	9290011242C	10T8/48-5000 IF 10/1 TAA/NAFTA	120-277, 347	G13	82	5000	10	50,000	48	160°
InstantFit LED T8 - 4' dimmable[4] high output										
● 46830-6	9290011585C	14T8/48-3000 IF 10/1 DIM	120-277, 347	G13	82	3000	10	50,000	48	160°
● 46831-4	9290011586C	14T8/48-3500 IF 10/1 DIM	120-277, 347	G13	82	3500	10	50,000	48	160°
● 46832-2	9290011587C	14T8/48-4000 IF 10/1 DIM	120-277, 347	G13	82	4000	10	50,000	48	160°
● 46833-0	9290011588C	14T8/48-5000 IF 10/1 DIM	120-277, 347	G13	82	5000	10	50,000	48	160°
●● 46960-1	9290011585C	14T8/48-3000 IF 10/1 DIM TAA/NAFTA	120-277, 347	G13	82	3000	10	50,000	48	160°
●● 46961-9	9290011586C	14T8/48-3500 IF 10/1 DIM TAA/NAFTA	120-277, 347	G13	82	3500	10	50,000	48	160°
●● 46962-7	9290011587C	14T8/48-4000 IF 10/1 DIM TAA/NAFTA	120-277, 347	G13	82	4000	10	50,000	48	160°
●● 46963-5	9290011588C	14T8/48-5000 IF 10/1 DIM TAA/NAFTA	120-277, 347	G13	82	5000	10	50,000	48	160°
InstantFit LED T8 - 4' ultra high output										
● 46313-3	9290012267	16.5T8 LED/48-3500 IF 10/1 UHO	120-277, 347	G13	82	3500	10	70,000	48	160°
● 46314-1	9290012268	16.5T8 LED/48-4000 IF 10/1 UHO	120-277, 347	G13	82	4000	10	70,000	48	160°
● 46315-8	9290012269	16.5T8 LED/48-5000 IF 10/1 UHO	120-277, 347	G13	82	5000	10	70,000	48	160°
InstantFit LED T8 - 4'glass										
45656-6	9290011511	17T8/48-4000 IFG 10/1	120-277, 347	G13	82	4000	10	36,000	48	240°
45657-4	9290011512	17T8/48-5000 IFG 10/1	120-277, 347	G13	82	5000	10	36,000	48	240°
InstantFit LED T8 - 3'										
46932-0	9290013113	9T8 LED/36-3000 IF 10/1	120-277, 347	G13	82	3000	10	50,000	36	160°
46933-8	9290013114	9T8 LED/36-3500 IF 10/1	120-277, 347	G13	82	3500	10	50,000	36	160°
46934-6	9290013115	9T8 LED/36-4000 IF 10/1	120-277, 347	G13	82	4000	10	50,000	36	160°
46935-3	9290013116	9T8 LED/36-5000 IF 10/1	120-277, 347	G13	82	5000	10	50,000	36	160°
InstantFit LED T8 - 2' high output										
46927-0	9290013108	7T8 LED/24-3000 IF 10/1	120-277, 347	G13	82	3000	10	50,000	24	160°
● 46928-8	9290013109	7T8 LED/24-3500 IF 10/1	120-277, 347	G13	82	3500	10	50,000	24	160°
● 46929-6	9290013110	7T8 LED/24-4000 IF 10/1	120-277, 347	G13	82	4000	10	50,000	24	160°
● 46930-4	9290013111	7T8 LED/24-5000 IF 10/1	120-277, 347	G13	82	5000	10	50,000	24	160°
InstantFit LED T8/T12 - 8'										
46923-9	9290013077	35T8/96-3000 IF FA8 10/1	120-277	FA8	82	3000	10	50,000	96	160°
46924-7	9290013078	35T8/96-3500 IF FA8 10/1	120-277	FA8	82	3500	10	50,000	96	160°
46925-4	9290013146	35T8/96-4000 IF FA8 10/1	120-277	FA8	82	4000	10	50,000	96	160°
46926-2	9290013147	35T8/96-6500 IF FA8 10/1	120-277	FA8	82	6500	10	50,000	96	160°
InstantFit LED T5 high output										
● 46712-6	9290012837	24T5 LED/HO/48-3000 IF 10/1	120-277, 347-480V	G5	82	3000	10	50,000	46	160°
● 46713-4	9290012838	24T5 LED/HO/48-3500 IF 10/1	120-277, 347-480V	G5	82	3500	10	50,000	46	160°
● 46714-2	9290012839	24T5 LED/HO/48-4000 IF 10/1	120-277, 347-480V	G5	82	4000	10	50,000	46	160°
● 46715-9	9290012840	24T5 LED/HO/48-5000 IF 10/1	120-277, 347-480V	G5	82	5000	10	50,000	46	160°
InstantFit LED T8 U-Bent - 6" high output										
● 46937-9	9290013118	13T8 LED/24-3000 IF-6U 10/1	120-277, 347	G13	82	3000	10	50,000	24	160°
● 46938-7	9290013119	13T8 LED/24-3500 IF-6U 10/1	120-277, 347	G13	82	3500	10	50,000	24	160°
● 46939-5	9290013120	13T8 LED/24-4000 IF-6U 10/1	120-277, 347	G13	82	4000	10	50,000	24	160°
● 46940-3	9290013121	13T8 LED/24-5000 IF-6U 10/1	120-277, 347	G13	82	5000	10	50,000	24	160°
InstantFit LED 4-Pin long compact (PL-L) - 2' high output										
45663-2	9290011513	16.5PL-LED/24-3000 IF 10/1	120-277	2G11	82	3000	10	40,000	24	160°
45664-0	9290011514	16.5PL-LED/24-3500 IF 10/1	120-277	2G11	82	3500	10	40,000	24	160°
45665-7	9290011515	16.5PL-LED/24-4000 IF 10/1	120-277	2G11	82	4000	10	40,000	24	160°
LED InstantFit - 4' ROT										
● 46865-2	9290013033	14T8/48-3000 IF 10/1 ROT	120-277, 347	G13	82	3000	10	50,000	48	160°
● 46866-0	9290013034	14T8/48-3500 IF 10/1 ROT	120-277, 347	G13	82	3500	10	50,000	48	160°
● 46867-8	9290013035	14T8/48-4000 IF 10/1 ROT	120-277, 347	G13	82	4000	10	50,000	48	160°
● 46868-6	9290013036	14T8/48-5000 IF 10/1 ROT	120-277, 347	G13	82	5000	10	50,000	48	160°

Please refer to www.philips.com/instantfit for instant start ballasts details and the latest ballast compatibility guide[6].

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

See footnotes on last page.

Philips InstantFit LED lamps

Philips InstantFit LED T8 lamps

Ballast technical data (Subject to change without notice)

Product Number	Bare Lamp Watts (W)	Average System Watts (W)			Initial Lumens[7]		
		Low Ballast Factor (0.78)	Normal Ballast Factor (0.88)	High Ballast Factor (1.18)	Low Ballast Factor (0.78)	Normal Ballast Factor (0.88)	High Ballast Factor (1.18)
InstantFit LED T8 - 4'							
46826-4	10.0	11.0	13.0	16.0	1300	1500	1700
46827-2	10.0	11.0	13.0	16.0	1300	1500	1800
46828-0	10.0	11.0	13.0	16.0	1400	1600	1850
46829-8	10.0	11.0	13.0	16.0	1400	1600	1850
46956-9	10.0	11.0	13.0	16.0	1300	1500	1700
46957-7	10.0	11.0	13.0	16.0	1300	1500	1800
46958-5	10.0	11.0	13.0	16.0	1400	1600	1850
46959-3	10.0	11.0	13.0	16.0	1400	1600	1850
InstantFit LED T8 - 4' dimmable[4] high output							
46830-6	14.0	15.0	17.0	23.0	1800	2000	2700
46831-4	14.0	15.0	17.0	23.0	1800	2000	2700
46832-2	14.0	15.0	17.0	23.0	1900	2100	2800
46833-0	14.0	15.0	17.0	23.0	1900	2100	2800
46960-1	14.0	15.0	17.0	23.0	1800	2000	2700
46961-9	14.0	15.0	17.0	23.0	1800	2000	2700
46962-7	14.0	15.0	17.0	23.0	1900	2100	2800
46963-5	14.0	15.0	17.0	23.0	1900	2100	2800
InstantFit LED T8 - 4' ultra high output							
46313-3	16.5	18.0	20.0	27.0	2200	2400	2950
46314-1	16.5	18.0	20.0	27.0	2250	2500	3050
46315-8	16.5	18.0	20.0	27.0	2250	2500	3050
InstantFit LED T8 - 4' glass							
45656-6	17.0	18.0	20.0	26.5	1850	2100	2450
45657-4	17.0	18.0	20.0	26.5	1850	2100	2450
InstantFit LED T8 - 3'							
46932-0	9.0	10.5	11.5	15.5	950	1100	1300
46933-8	9.0	10.5	11.5	15.5	950	1100	1300
46934-6	9.0	10.5	11.5	15.5	1050	1200	1400
46935-3	9.0	10.5	11.5	15.5	1050	1200	1400
InstantFit LED - 2' high output							
46927-0	7.0	8.5	9.5	13.5	950	1050	1200
46928-8	7.0	8.5	9.5	13.5	950	1050	1200
46929-6	7.0	8.5	9.5	13.5	1050	1150	1300
46930-4	7.0	8.5	9.5	13.5	1050	1150	1300
InstantFit LED T8/T12 - 8'							
46923-9	35.0	N/A	41.0	N/A	N/A	4000	N/A
46924-7	35.0	N/A	41.0	N/A	N/A	4000	N/A
46925-4	35.0	N/A	41.0	N/A	N/A	4200	N/A
46926-2	35.0	N/A	41.0	N/A	N/A	4200	N/A
InstantFit LED T5 high output							
46712-6	24.0	N/A	28.0	N/A	N/A	3300	N/A
46713-4	24.0	N/A	28.0	N/A	N/A	3300	N/A
46714-2	24.0	N/A	28.0	N/A	N/A	3500	N/A
46715-9	24.0	N/A	28.0	N/A	N/A	3500	N/A
InstantFit LED T8 U-Bent - 6" high output							
46937-9	13.0	14.0	16.0	21.0	1800	2000	2700
46938-7	13.0	14.0	16.0	21.0	1800	2000	2700
46939-5	13.0	14.0	16.0	21.0	1900	2100	2800
46940-3	13.0	14.0	16.0	21.0	1900	2100	2800
InstantFit LED 4-Pin long compact (PL-L) - 2' high output							
45663-2	16.5	N/A	21.0	N/A	N/A	1900	N/A
45664-0	16.5	N/A	21.0	N/A	N/A	2000	N/A
45665-7	16.5	N/A	21.0	N/A	N/A	2100	N/A
LED InstantFit - 4' ROT							
46865-2	14.0	15.0	17.0	23.0	1800	2000	2700
46866-0	14.0	15.0	17.0	23.0	1800	2000	2700
46867-8	14.0	15.0	17.0	23.0	1900	2100	2800
46868-6	14.0	15.0	17.0	23.0	1900	2100	2800

See footnotes on last page.

Philips InstantFit LED lamps

System power compatibility guide

Measured system wattage of the Philips InstantFit LED T8 versus a comparable linear fluorescent lamp when used with the reference ballast.

Reference Ballast	ICN-1P32-N	ICN-2P32-N	ICN-3P32-N	ICN-4P32-N
Ballast Factor	0.88	0.88	0.88	0.88
Number of Lamps	1	2	3	4

Lamp Type	System Power (W)*			
F32T8	31	59	85	112
InstantFit 12 W	12.5	27.5	40	58
InstantFit 15 W	24	35.5	46	63

Philips InstantFit LED PLC 4-pin and T8 electro magnetic compatible lamps

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

Product No.	Model No.	Ordering Code	Volts (Depending on Ballast)	Bare Lamp Watts	Avg. System Watts	Equiv. Watts	Base	CRI	Color Temp. (K)	Lumens	Life[5]	Beam Angle
InstantFit LED 4-pin lamps												
45836-4	9290011807	8.5PL-C/T LED/26H-2700 IF 4P	120-277	8.5	10.5	26	G24q/ GX24q	82	2700	900	40000	120
45837-2	9290011808	8.5PL-C/T LED/26H-3000 IF 4P	120-277	8.5	10.5	26	G24q/ GX24q	82	3000	900	40000	120
45838-0	9290011809	8.5PL-C/T LED/26H-3500 IF 4P	120-277	8.5	10.5	26	G24q/ GX24q	82	3500	900	40000	120
45839-8	9290011810	8.5PL-C/T LED/26H-4000 IF 4P	120-277	8.5	10.5	26	G24q/ GX24q	82	4000	950	40000	120
45840-6	9290011811	10.5PL-C/T LED/26V-2700 IF 4P	120-277	10.5	14.5	26	G24q/ GX24q	82	2700	1200	40000	120
45841-4	9290011812	10.5PL-C/T LED/26V-3000 IF 4P	120-277	10.5	14.5	26	G24q/ GX24q	82	3000	1200	40000	120
45842-2	9290011813	10.5PL-C/T LED/26V-3500 IF 4P	120-277	10.5	14.5	26	G24q/ GX24q	82	3500	1200	40000	120
45843-0	9290011814	10.5PL-C/T LED/26V-4000 IF 4P	120-277	10.5	14.5	26	G24q/ GX24q	82	4000	1300	40000	120

Product No.	Model No.	Ordering Code	Volts (Depending on Ballast)	Base	CRI	Color Temp. (K)	LED Liftetime (hrs.)[5]	MOL (In.)	Beam Angle
InstantFit LED T8 EM compatible – 4' glass									
46311-7	9290012265	20T12 EM LED/48-4000 IF G	120-277	G13	83	4000	36,000	48	240°
46312-5	9290012266	20T12 EM LED/48-6500 IF G	120-277	G13	83	6500	36,000	48	240°

Product No.	Bare Lamp Watts (W)	Average System Watts (W)			Initial Lumens[5]		
		Low Ballast Factor (0.78)	Normal Ballast Factor (0.88)	High Ballast Factor (1.18)	Low Ballast Factor (0.78)	Normal Ballast Factor (0.88)	High Ballast Factor (1.18)
InstantFit LED T8 EM compatible – 4' glass							
46311-7	20	20	23	31	1850	2100	2800
46312-5	20	20	23	31	1850	2100	2800

Suitable for use in fixtures where ambient temperature is between -4°F (-20°C) and 113°F (45°C).

System wattage of the Philips InstantFit T8 vs a comparable linear T12[8]

Ballast Model No.	Manufacturer	System Voltage	No. of Lamps	System Power (W) T12 Fluorescent	System Power (W) T8 LED	Energy Savings (%)[9]
R-140-1-TP	Philips Advance	120	1	52.1	26.1	50.0%
RL-140-TP	Philips Advance	120	1	32.8	25.6	21.7%
R-2S40-1-TP	Philips Advance	120	2	88.9	47.1	47.0%
XQM-2S40-TP	Philips Advance	220	2	95.5	51.9	45.6%
V-2S40-1-TP	Philips Advance	277	2	90.2	45.3	49.8%
RQM-2S40-3-TP	Philips Advance	120	2	86.9	46.4	46.6%
R-2S34-TP-5	Philips Advance	120	2	81.1	41.5	48.8%
V-2S34-TP	Philips Advance	277	2	79.2	42.6	46.3%
RM-2S35-TP	Philips Advance	120	2	60.9	41.2	32.4%

See footnotes on last page.

Philips InstantFit LED lamps

Philips InstantFit LED T8 lamps

Shipping data (Subject to change without notice)

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs.)	Case Cube (cu. Ft.)	Pallet Qty	Lamps/ SKU	SKUs per Layer	Layers High	SKU Dimensions (L x W x H) (In.)	Case Dimensions (L x W x H) (In.)	Pallet Dimensions (L x W x H) (In.)
InstantFit LED T8 - 4'												
46826-4	47219-1	46826-7	10	6.2	0.42	1120	1	70	16	To be determined	49.3 x 5.5 x 2.7	50.4 x 39.4 x 48.7
46827-2	47220-7	46827-4	10	6.2	0.42	1120	1	70	16		49.3 x 5.5 x 2.7	50.4 x 39.4 x 48.7
46828-0	47221-4	46828-1	10	6.2	0.42	1120	1	70	16		49.3 x 5.5 x 2.7	50.4 x 39.4 x 48.7
46829-8	47222-1	46829-8	10	6.2	0.42	1120	1	70	16		49.3 x 5.5 x 2.7	50.4 x 39.4 x 48.7
46956-9	47260-3	46956-1	10	9.7	0.60	600	1	60	10		48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46957-7	47261-0	46957-8	10	9.7	0.60	600	1	60	10		48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46958-5	47262-7	46958-5	10	9.7	0.60	600	1	60	10		48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46959-3	47263-4	46959-2	10	9.7	0.60	600	1	60	10		48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
InstantFit LED T8 - 4' dimmable high output												
46830-6	47223-8	46830-4	10	6.2	0.42	1120	1	70	16	To be determined	49.3 x 5.5 x 2.7	50.4 x 39.4 x 48.7
46831-4	47224-5	46831-1	10	6.2	0.42	1120	1	70	16		49.3 x 5.5 x 2.7	50.4 x 39.4 x 48.7
46832-2	47225-2	46832-8	10	6.2	0.42	1120	1	70	16		49.3 x 5.5 x 2.7	50.4 x 39.4 x 48.7
46833-0	47226-9	46833-5	10	6.2	0.42	1120	1	70	16		49.3 x 5.5 x 2.7	50.4 x 39.4 x 48.7
46960-1	47264-1	46960-8	10	9.7	0.60	600	1	60	10		48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46961-9	47265-8	46961-5	10	9.7	0.60	600	1	60	10		48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46962-7	47266-5	46962-2	10	9.7	0.60	600	1	60	10		48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46963-5	47267-2	46963-9	10	9.7	0.60	600	1	60	10		48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
InstantFit LED T8 - 4' ultra high output												
46313-3	46313-7	46313-2	10	9.7	0.59	600	1	60	10	1.1 x 1.1 x 48.0	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46314-1	46314-4	46314-9	10	9.7	0.59	600	1	60	10	1.1 x 1.1 x 48.0	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46315-8	46315-1	46315-6	10	9.7	0.59	600	1	60	10	1.1 x 1.1 x 48.0	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
InstantFit LED T8 - 4' glass												
45656-6	45656-6	45656-1	10	9.7	1.06	360	1	40	10	1.1 x 1.1 x 48.0	49.8 x 8.8 x 4.2	51.2 x 39.4 x 43.4
45657-4	45657-3	45657-8	10	9.7	1.06	360	1	40	10	1.1 x 1.1 x 48.0	49.8 x 8.8 x 4.2	51.2 x 39.4 x 43.4
InstantFit LED T8 - 3'												
46932-0	47231-3	46932-5	10	4.5	0.31	1440	1	90	16	35.7 x 1.0 x 1.0	37.1 x 5.4 x 2.7	50.6 x 39.4 x 48.6
46933-8	47232-0	46933-2	10	4.5	0.31	1440	1	90	16	35.7 x 1.0 x 1.0	37.1 x 5.4 x 2.7	50.6 x 39.4 x 48.6
46934-6	47233-7	46934-9	10	4.5	0.31	1440	1	90	16	35.7 x 1.0 x 1.0	37.1 x 5.4 x 2.7	50.6 x 39.4 x 48.6
46935-3	47234-4	46935-6	10	4.5	0.31	1440	1	90	16	35.7 x 1.0 x 1.0	37.1 x 5.4 x 2.7	50.6 x 39.4 x 48.6
InstantFit LED T8 - 2' high output												
46927-0	47227-6	46927-1	10	2.6	0.23	2240	1	140	16	23.7 x 1.0 x 1.0	25.3 x 5.8 x 2.7	51.1 x 39.4 x 48.6
46928-8	47228-3	46928-8	10	2.6	0.23	2240	1	140	16	23.7 x 1.0 x 1.0	25.3 x 5.8 x 2.7	51.1 x 39.4 x 48.6
46929-6	47229-0	46929-5	10	2.6	0.23	2240	1	140	16	23.7 x 1.0 x 1.0	25.3 x 5.8 x 2.7	51.1 x 39.4 x 48.6
46930-4	47230-6	46930-1	10	2.6	0.23	2240	1	140	16	23.7 x 1.0 x 1.0	25.3 x 5.8 x 2.7	51.1 x 39.4 x 48.6
InstantFit LED T8/T12 - 8'												
46923-9	46923-8	46923-3	10	16.7	2.06	300	1	30	10	0.0 x 0.0 x 0.0	95.9 x 9.4 x 3.9	96.4 x 29.9 x 45.2
46924-7	46052-5	46052-0	10	16.7	2.06	300	1	30	10	0.0 x 0.0 x 0.0	95.9 x 9.4 x 3.9	96.4 x 29.9 x 45.2
46925-4	46925-2	46925-7	10	16.7	2.06	300	1	30	10	0.0 x 0.0 x 0.0	95.9 x 9.4 x 3.9	96.4 x 29.9 x 45.2
46926-2	46926-9	46926-4	10	16.7	2.06	300	1	30	10	0.0 x 0.0 x 0.0	95.9 x 9.4 x 3.9	96.4 x 29.9 x 45.2
InstantFit LED T5 high output												
46712-6	46712-8	46712-3	10	4.7	0.22	2000	1	100	20	0.0 x 0.0 x 0.0	46.3 x 4.0 x 2.1	47.2 x 40.6 x 47.6
46713-4	46713-5	46713-0	10	4.7	0.22	2000	1	100	20	0.0 x 0.0 x 0.0	46.3 x 4.0 x 2.1	47.2 x 40.6 x 47.6
46714-2	46714-2	46714-7	10	4.7	0.22	2000	1	100	20	0.0 x 0.0 x 0.0	46.3 x 4.0 x 2.1	47.2 x 40.6 x 47.6
46715-9	46715-9	46715-4	10	4.7	0.22	2000	1	100	20	0.0 x 0.0 x 0.0	46.3 x 4.0 x 2.1	47.2 x 40.6 x 47.6
InstantFit LED U-Bent - 6" high output												
46937-9	47235-1	46937-0	10	8.2	1.20	300	1	100	3	22.4 x 7.1 x 1.1	23.1 x 7.5 x 11.9	47.2 x 39.4 x 41.4
46938-7	47236-8	46938-7	10	8.2	1.20	300	1	100	3	22.4 x 7.1 x 1.1	23.1 x 7.5 x 11.9	47.2 x 39.4 x 41.4
46939-5	47237-5	46939-4	10	8.2	1.20	300	1	100	3	22.4 x 7.1 x 1.1	23.1 x 7.5 x 11.9	47.2 x 39.4 x 41.4
46940-3	47238-2	46940-0	10	8.2	1.20	300	1	100	3	22.4 x 7.1 x 1.1	23.1 x 7.5 x 11.9	47.2 x 39.4 x 41.4
InstantFit LED 4-Pin long compact (PL-L) - 2' high output												
45663-2	45663-4	45663-9	10	4.7	0.30	1200	1	150	8	23.3 x 0.5 x 4.3	23.3 x 5.0 x 4.3	47.3 x 39.4 x 40.2
45664-0	45664-1	45664-6	10	4.7	0.30	1200	1	150	8	23.3 x 0.5 x 4.3	23.3 x 5.0 x 4.3	47.3 x 39.4 x 40.2
45665-7	45665-8	45665-3	10	4.7	0.30	1200	1	150	8	23.3 x 0.5 x 4.3	23.3 x 5.0 x 4.3	47.3 x 39.4 x 40.2
LED InstantFit - 4' ROT												
46865-2	47268-9	46865-6	10	6.2	0.42	1120	1	70	16	0.0 x 0.0 x 0.0	49.3 x 5.5 x 2.7	50.4 x 39.4 x 48.7
46866-0	47269-6	46866-3	10	6.2	0.42	1120	1	70	16	0.0 x 0.0 x 0.0	49.3 x 5.5 x 2.7	50.4 x 39.4 x 48.7
46867-8	47270-2	46867-0	10	6.2	0.42	1120	1	70	16	0.0 x 0.0 x 0.0	49.3 x 5.5 x 2.7	50.4 x 39.4 x 48.7
46868-6	47271-9	46868-7	10	6.2	0.42	1120	1	70	16	0.0 x 0.0 x 0.0	49.3 x 5.5 x 2.7	50.4 x 39.4 x 48.7

See footnotes on last page.

Philips InstantFit LED lamps

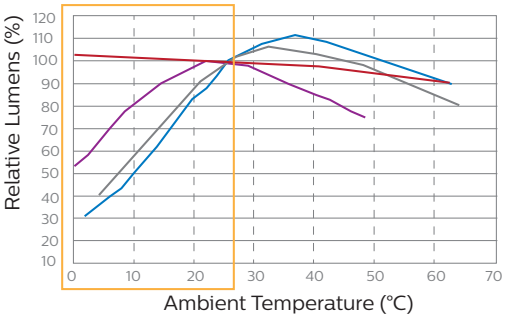
Philips InstantFit LED PLC 4-pin and T8 electro magnetic compatible lamps

Shipping Data (Subject to change without notice)

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs.)	Case Cube (cu. Ft.)	Pallet Qty	Lamps/ SKU	SKUs per Layer	Layers High	SKU Dimensions (W x D x H) (In.)	Case Dimensions (W x D x H) (In.)	Pallet Dimensions (W x D x H) (In.)
InstantFit LED 4-pin lamps												
45836-4	45836-2	45836-7	10	2.26	0.113	3250	1	650	5	1.3 x 1.3 x 6.4	8 x 3.4 x 7.2	47.2 x 39.4 x 41.6
45837-2	45837-9	45837-4	10	2.26	0.113	3250	1	650	5	1.3 x 1.3 x 6.4	8 x 3.4 x 7.2	47.2 x 39.4 x 41.6
45838-0	45838-6	45838-1	10	2.26	0.113	3250	1	650	5	1.3 x 1.3 x 6.4	8 x 3.4 x 7.2	47.2 x 39.4 x 41.6
45839-8	45839-3	45839-8	10	2.26	0.113	3250	1	650	5	1.3 x 1.3 x 6.4	8 x 3.4 x 7.2	47.2 x 39.4 x 41.6
45840-6	45840-9	45840-4	10	2.55	0.129	2100	1	350	6	2 x 2 x 4.9	11 x 4.5 x 4.5	47.2 x 39.4 x 39.8
45841-4	45841-6	45841-1	10	2.55	0.129	2100	1	350	6	2 x 2 x 4.9	11 x 4.5 x 4.5	47.2 x 39.4 x 39.8
45842-2	45842-3	45842-8	10	2.55	0.129	2100	1	350	6	2 x 2 x 4.9	11 x 4.5 x 4.5	47.2 x 39.4 x 39.8
45843-0	45843-0	45843-5	10	2.55	0.129	2100	1	350	6	2 x 2 x 4.9	11 x 4.5 x 4.5	47.2 x 39.4 x 39.8
InstantFit LED T8 EM compatible - 4' glass												
46311-7	46311-3	46311-8	10	6.26	1.06	360	1	40	9	1.1 x 1.1 x 48.0	49.8 x 8.8 x 4.2	51.2 x 39.4 x 43.4
46312-5	46312-0	46312-5	10	6.26	1.06	360	1	40	9	1.1 x 1.1 x 48.0	49.8 x 8.8 x 4.2	51.2 x 39.4 x 43.4

Relative Light Output vs. Ambient Temperature

4' T8 Lamps - 0.88 BF Ballast



Relative light output with respect to 25°C rated temperature

Suitable for use in fixtures where ambient temperature is between -4°F (-20°C) and 113°F (45°C).

Warning: Philips LED T8 InstantFit lamps will only operate properly on compatible Instant-start and Programmed-start ballasts. Please refer to the Philips LED T8 InstantFit Installation Guide, which can be obtained through your local Philips Sales Representative, or visit www.philips.com/instantfit

FCC Note: This device complies with Part 18 of the FCC Rules.

1. Based on the next leading competitor and their number of compatible ballasts at time of printing.
2. Savings based on comparison to F32T8 electronic instant start systems.
3. Tested to B50 L70 requirement with a ballast factor < 0.88.
4. (2) Lamp F32T8 electronic instant start system with 0.88 ballast factor= 58 system watts; (2) Philips InstantFit LED T8 =29 system watts. 58 - 29 = 29 system watts saved and 29/58 = 50% energy saved.
5. 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). Testing with a ballast whose ballast factor is ≤ 0.88
6. Compatibility subject to change as additional ballasts are tested. If you do not see your ballast on the compatibility list please contact your local Philips Lighting representative.
7. Photometric testing consistent with IES LM-79.
8. Measured data provided as a reference. System power may vary depending on ballast manufacturer and ballast age. Please refer to www.philips.com/instantfit for the latest ballast compatibility guide.
9. (1) Lamp F40T12 rapid start system = 52 system watts; (1) Philips InstantFit LED T8 = 26 system watts. 52 – 26 = 26 system watts saved and 26/52 = 50% energy saved.

● This lamp is DLC 4.0 qualified.

● Products offered under the Trade Agreements Act (TAA).
For more information, visit http://www.va.gov/oal/business/fss/taa.asp

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