



**PHILIPS**

LED

InstantFit lamps

# This is **real compatibility**

Other lamps claim compatibility, but only InstantFit has been proven to work with 50% more ballasts<sup>1</sup> 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<sup>2</sup>** over fluorescent means a satisfied customer and no time wasted going back to a job
- **Lifetime delivered** — average life rating of 50,000 hours<sup>3</sup>, with up to 70,000<sup>3</sup> 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.



# Philips InstantFit LED lamps

## Philips InstantFit LED T8 lamps

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

Product Number	Grainger Number	Ordering Code	Volts (Depending on Ballast)	Base	CRI	Color Temp. (K)	Pkg Qty	LED Lifetime <sup>5</sup>	MOL (In.)	Beam Angle
<b>InstantFit LED T8 - 4'</b>										
46826-4	406T70	10T8/48-3000 IF 10/1	120-277, 347	G13	82	3000	10	50,000	48	160°
● 46827-2	406T71	10T8/48-3500 IF 10/1	120-277, 347	G13	82	3500	10	50,000	48	160°
● 46828-0	406T72	10T8/48-4000 IF 10/1	120-277, 347	G13	82	4000	10	50,000	48	160°
● 46829-8	406T73	10T8/48-5000 IF 10/1	120-277, 347	G13	82	5000	10	50,000	48	160°
● 46956-9	52ZX63	10T8/48-3000 IF 10/1 TAA/NAFTA	120-277, 347	G13	82	3000	10	50,000	48	160°
● 46957-7	52ZX64	10T8/48-3500 IF 10/1 TAA/NAFTA	120-277, 347	G13	82	3500	10	50,000	48	160°
● 46958-5	52ZX65	10T8/48-4000 IF 10/1 TAA/NAFTA	120-277, 347	G13	82	4000	10	50,000	48	160°
● 46959-3	52ZX66	10T8/48-5000 IF 10/1 TAA/NAFTA	120-277, 347	G13	82	5000	10	50,000	48	160°
<b>InstantFit LED T8 - 4' dimmable<sup>4</sup> high output</b>										
46830-6	406T74	14T8/48-3000 IF 10/1 DIM	120-277, 347	G13	82	3000	10	50,000	48	160°
● 46831-4	406T75	14T8/48-3500 IF 10/1 DIM	120-277, 347	G13	82	3500	10	50,000	48	160°
● 46832-2	406T76	14T8/48-4000 IF 10/1 DIM	120-277, 347	G13	82	4000	10	50,000	48	160°
● 46833-0	406T77	14T8/48-5000 IF 10/1 DIM	120-277, 347	G13	82	5000	10	50,000	48	160°
● 46960-1	52ZX67	14T8/48-3000 IF 10/1 DIM TAA/NAFTA	120-277, 347	G13	82	3000	10	50,000	48	160°
● 46961-9	52ZX68	14T8/48-3500 IF 10/1 DIM TAA/NAFTA	120-277, 347	G13	82	3500	10	50,000	48	160°
● 46962-7	52ZX69	14T8/48-4000 IF 10/1 DIM TAA/NAFTA	120-277, 347	G13	82	4000	10	50,000	48	160°
● 46963-5	52ZX70	14T8/48-5000 IF 10/1 DIM TAA/NAFTA	120-277, 347	G13	82	5000	10	50,000	48	160°
<b>InstantFit LED T8 - 4' ultra high output</b>										
● 46313-3	48RE88	16.5T8 LED/48-3500 IF 10/1 UHO	120-277, 347	G13	82	3500	10	70,000	48	160°
● 46314-1	48RE89	16.5T8 LED/48-4000 IF 10/1 UHO	120-277, 347	G13	82	4000	10	70,000	48	160°
● 46315-8	48RE90	16.5T8 LED/48-5000 IF 10/1 UHO	120-277, 347	G13	82	5000	10	70,000	48	160°
<b>InstantFit LED T8 - 4' glass</b>										
45656-6	40CP62	17T8/48-4000 IFG 10/1	120-277, 347	G13	82	4000	10	36,000	48	240°
45657-4	40CP61	17T8/48-5000 IFG 10/1	120-277, 347	G13	82	5000	10	36,000	48	240°
<b>InstantFit LED T8 - 3'</b>										
46932-0	32MX91	9T8 LED/36-3000 IF 10/1	120-277, 347	G13	82	3000	10	50,000	36	160°
46933-8	32MX92	9T8 LED/36-3500 IF 10/1	120-277, 347	G13	82	3500	10	50,000	36	160°
46934-6	32MX93	9T8 LED/36-4000 IF 10/1	120-277, 347	G13	82	4000	10	50,000	36	160°
46935-3	32MX94	9T8 LED/36-5000 IF 10/1	120-277, 347	G13	82	5000	10	50,000	36	160°
<b>InstantFit LED T8 - 2' high output</b>										
46927-0	52ZX59	7T8 LED/24-3000 IF 10/1	120-277, 347	G13	82	3000	10	50,000	24	160°
● 46928-8	52ZX60	7T8 LED/24-3500 IF 10/1	120-277, 347	G13	82	3500	10	50,000	24	160°
● 46929-6	52ZX61	7T8 LED/24-4000 IF 10/1	120-277, 347	G13	82	4000	10	50,000	24	160°
● 46930-4	52ZX62	7T8 LED/24-5000 IF 10/1	120-277, 347	G13	82	5000	10	50,000	24	160°
<b>InstantFit LED T8/T12 - 8'</b>										
46923-9	53UG83	35T8/96-3000 IF FA8 10/1	120-277	FA8	82	3000	10	50,000	96	160°
46924-7	53UG84	35T8/96-3500 IF FA8 10/1	120-277	FA8	82	3500	10	50,000	96	160°
46925-4	53UG85	35T8/96-4000 IF FA8 10/1	120-277	FA8	82	4000	10	50,000	96	160°
46926-2	53UG86	35T8/96-6500 IF FA8 10/1	120-277	FA8	82	6500	10	50,000	96	160°
<b>InstantFit LED T5 high output</b>										
● 46712-6	53UG87	24T5 LED/HO/48-3000 IF 10/1	120-277, 347-480V	G5	82	3000	10	50,000	46	160°
● 46713-4	53UG88	24T5 LED/HO/48-3500 IF 10/1	120-277, 347-480V	G5	82	3500	10	50,000	46	160°
● 46714-2	53UG89	24T5 LED/HO/48-4000 IF 10/1	120-277, 347-480V	G5	82	4000	10	50,000	46	160°
● 46715-9	53UG90	24T5 LED/HO/48-5000 IF 10/1	120-277, 347-480V	G5	82	5000	10	50,000	46	160°
<b>InstantFit LED T8 U-Bent - 6" high output</b>										
● 46937-9	53YZ39	13T8 LED/24-3000 IF-6U 10/1	120-277, 347	G13	82	3000	10	50,000	24	160°
● 46938-7	53YZ40	13T8 LED/24-3500 IF-6U 10/1	120-277, 347	G13	82	3500	10	50,000	24	160°
● 46939-5	53YZ41	13T8 LED/24-4000 IF-6U 10/1	120-277, 347	G13	82	4000	10	50,000	24	160°
● 46940-3	53YZ42	13T8 LED/24-5000 IF-6U 10/1	120-277, 347	G13	82	5000	10	50,000	24	160°
<b>InstantFit LED 4-Pin long compact (PL-L) - 2' high output</b>										
45663-2	44ZA61	16.5PL-LED/24-3000 IF 10/1	120-277	2G11	82	3000	10	40,000	24	160°
45664-0	44ZA62	16.5PL-LED/24-3500 IF 10/1	120-277	2G11	82	3500	10	40,000	24	160°
45665-7	44ZA53	16.5PL-LED/24-4000 IF 10/1	120-277	2G11	82	4000	10	40,000	24	160°
<b>LED InstantFit - 4' ROT</b>										
● 46865-2	Sourcing*	14T8/48-3000 IF 10/1 ROT	120-277, 347	G13	82	3000	10	50,000	48	160°
● 46866-0	Sourcing*	14T8/48-3500 IF 10/1 ROT	120-277, 347	G13	82	3500	10	50,000	48	160°
● 46867-8	Sourcing*	14T8/48-4000 IF 10/1 ROT	120-277, 347	G13	82	4000	10	50,000	48	160°
● 46868-6	Sourcing*	14T8/48-5000 IF 10/1 ROT	120-277, 347	G13	82	5000	10	50,000	48	160°

# 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 <sup>7</sup>		
		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)
<b>InstantFit LED T8 - 4'</b>							
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
<b>InstantFit LED T8 - 4' dimmable<sup>4</sup> high output</b>							
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
<b>InstantFit LED T8 - 4' ultra high output</b>							
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
<b>InstantFit LED T8 - 4' glass</b>							
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
<b>InstantFit LED T8 - 3'</b>							
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
<b>InstantFit LED - 2' high output</b>							
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
<b>InstantFit LED T8/T12 - 8'</b>							
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
<b>InstantFit LED T5 high output</b>							
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
<b>InstantFit LED T8 U-Bent - 6" high output</b>							
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
<b>InstantFit LED 4-Pin long compact (PL-L) - 2' high output</b>							
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
<b>LED InstantFit - 4' ROT</b>							
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

# 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) <sup>1</sup>			
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 Number	Grainger Number	Ordering Code	Volts (Depending on Ballast)	Bare Lamp Watts	Avg. System Watts	Equiv. Watts	Base	CRI	Color Temp. (K)	Lumens	Life <sup>5</sup>	Beam Angle
<b>InstantFit LED 4-pin lamps</b>												
45836-4	44ZA56	8.5PL-C/T LED/26H-2700 IF 4P	120-277	8.5	10.5	26	G24q/GX24q	82	2700	900	40,000	120
45837-2	44ZA55	8.5PL-C/T LED/26H-3000 IF 4P	120-277	8.5	10.5	26	G24q/GX24q	82	3000	900	40,000	120
45838-0	44ZA60	8.5PL-C/T LED/26H-3500 IF 4P	120-277	8.5	10.5	26	G24q/GX24q	82	3500	900	40,000	120
45839-8	44ZA57	8.5PL-C/T LED/26H-4000 IF 4P	120-277	8.5	10.5	26	G24q/GX24q	82	4000	950	40,000	120
45840-6	44ZA63	10.5PL-C/T LED/26V-2700 IF 4P	120-277	10.5	14.5	26	G24q/GX24q	82	2700	1200	40,000	120
45841-4	44ZA58	10.5PL-C/T LED/26V-3000 IF 4P	120-277	10.5	14.5	26	G24q/GX24q	82	3000	1200	40,000	120
45842-2	44ZA59	10.5PL-C/T LED/26V-3500 IF 4P	120-277	10.5	14.5	26	G24q/GX24q	82	3500	1200	40,000	120
45843-0	44ZA54	10.5PL-C/T LED/26V-4000 IF 4P	120-277	10.5	14.5	26	G24q/GX24q	82	4000	1300	40,000	120

Product Number	Grainger Number	Ordering Code	Volts (Depending on Ballast)	Base	CRI	Color Temp. (K)	LED Lifetime (hrs.) <sup>5</sup>	MOL (In.)	Beam Angle
<b>InstantFit LED T8 EM compatible – 4' glass linear T12 fluorescent replacement</b>									
46311-7	48WL68	20T12 Electromagnetic LED/48-4000 IF G	120-277	G13	83	4000	36,000	48	240°
46312-5	48WL69	20T12 Electromagnetic 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 <sup>5</sup>		
		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)
<b>InstantFit LED T8 EM compatible – 4' glass linear T12 fluorescent replacement</b>							
48WL68	20	20	23	31	1850	2100	2800
48WL69	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<sup>8</sup>

Ballast Model No.	Manufacturer	System Voltage	No. of Lamps	System Power (W) T12 Fluorescent	System Power (W) T8 LED	Energy Savings (%) <sup>9</sup>
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.)
<b>InstantFit LED T8 - 4'</b>												
406T70	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
406T71	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
406T72	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
406T73	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
52ZX63	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
52ZX64	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
52ZX65	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
52ZX66	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
<b>InstantFit LED T8 - 4' dimmable high output</b>												
406T74	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
406T75	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
406T76	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
406T77	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
52ZX67	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
52ZX68	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
52ZX69	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
52ZX70	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
<b>InstantFit LED T8 - 4' ultra high output</b>												
48RE88	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
48RE89	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
48RE90	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
<b>InstantFit LED T8 - 4' glass</b>												
40CP62	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
40CP61	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
<b>InstantFit LED T8 - 3'</b>												
32MX91	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
32MX92	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
32MX93	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
32MX94	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
<b>InstantFit LED T8 - 2' high output</b>												
52ZX59	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
52ZX60	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
52ZX61	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
52ZX62	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
<b>InstantFit LED T8/T12 - 8'</b>												
53UG83	46923-8	46923-3	10	16.7	2.06	300	1	30	10	TBD	95.9 x 9.4 x 3.9	96.4 x 29.9 x 45.2
53UG84	46052-5	46052-0	10	16.7	2.06	300	1	30	10	TBD	95.9 x 9.4 x 3.9	96.4 x 29.9 x 45.2
53UG85	46925-2	46925-7	10	16.7	2.06	300	1	30	10	TBD	95.9 x 9.4 x 3.9	96.4 x 29.9 x 45.2
53UG86	46926-9	46926-4	10	16.7	2.06	300	1	30	10	TBD	95.9 x 9.4 x 3.9	96.4 x 29.9 x 45.2
<b>InstantFit LED T5 high output</b>												
53UG87	46712-8	46712-3	10	4.7	0.22	2000	1	100	20	TBD	46.3 x 4.0 x 2.1	47.2 x 40.6 x 47.6
53UG88	46713-5	46713-0	10	4.7	0.22	2000	1	100	20	TBD	46.3 x 4.0 x 2.1	47.2 x 40.6 x 47.6
53UG89	46714-2	46714-7	10	4.7	0.22	2000	1	100	20	TBD	46.3 x 4.0 x 2.1	47.2 x 40.6 x 47.6
53UG90	46715-9	46715-4	10	4.7	0.22	2000	1	100	20	TBD	46.3 x 4.0 x 2.1	47.2 x 40.6 x 47.6
<b>InstantFit LED U-Bent - 6" high output</b>												
53YZ39	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
53YZ40	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
53YZ41	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
53YZ42	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
<b>InstantFit LED 4-Pin long compact (PL-L) - 2' high output</b>												
44ZA61	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
44ZA62	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
44ZA53	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
<b>LED InstantFit - 4' ROT</b>												
Sourcing	47268-9	46865-6	10	6.2	0.42	1120	1	70	16	TBD	49.3 x 5.5 x 2.7	50.4 x 39.4 x 48.7
Sourcing	47269-6	46866-3	10	6.2	0.42	1120	1	70	16	TBD	49.3 x 5.5 x 2.7	50.4 x 39.4 x 48.7
Sourcing	47270-2	46867-0	10	6.2	0.42	1120	1	70	16	TBD	49.3 x 5.5 x 2.7	50.4 x 39.4 x 48.7
Sourcing	47271-9	46868-7	10	6.2	0.42	1120	1	70	16	TBD	49.3 x 5.5 x 2.7	50.4 x 39.4 x 48.7

# Philips InstantFit LED lamps

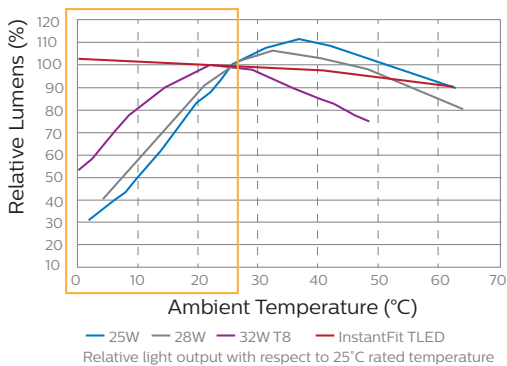
## Philips InstantFit LED PLC 4-pin and T8 electro magnetic compatible lamps

### 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.)
<b>InstantFit LED 4-pin lamps</b>												
44ZA56	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
44ZA55	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
44ZA60	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
44ZA57	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
44ZA63	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
44ZA58	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
44ZA59	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
44ZA54	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
<b>InstantFit LED T8 EM compatible - 4' glass</b>												
48WL68	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
48WL69	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



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](http://www.philips.com/instantfit)

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

- Based on the next leading competitor and their number of compatible ballasts at time of printing.
  - Savings based on comparison to F32T8 electronic instant start systems.
  - Tested to B50 L70 requirement with a ballast factor < 0.88.
  - (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.
  - 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
  - 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.
  - Photometric testing consistent with IES LM-79.
  - Measured data provided as a reference. System power may vary depending on ballast manufacturer and ballast age. Please refer to [www.philips.com/instantfit](http://www.philips.com/instantfit) for the latest ballast compatibility guide.
  - (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>
- \* Items available through Grainger Sourcing only.



For more information, contact your Grainger Representative or visit [www.grainger.com](http://www.grainger.com)

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