

A collection of Philips InstantFit LED lamps in various sizes and shapes, including standard U-shaped tubes and a bent tube, arranged diagonally across the top right of the page. The lamps are white with blue and gold accents on the pins.

PHILIPS

LED

InstantFit lamps

This is **real compatibility**

Other lamps claim compatibility, but only InstantFit has been proven to work with 50% more ballasts¹ delivering even light output, proven energy savings and a long average lifetime. That's true compatibility.

- **InstantFit works with over 200 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 savings²** over fluorescent means a satisfied customer and no time wasted going back to a job
- **Lifetime delivered** — average life rating of 50,000 hours³, with up to 70,000 hours³ in the portfolio
- **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

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

Product Number	Grainger Number	Model Number(s)	DLC Product ID ^a	Ordering Code	Volts (Depending on Ballast)	Base	CRI	Color Temp.(K)	Pkg Qty	LED Lifetime ⁴	MOL (In.)	Beam Angle
InstantFit LED T8 - 4'												
47396-6	*Sourcing	9290013971	Not DLC Certified	10T8 LED/48-2700 IF 1PK 10/1	120-277, 347	G13	82	2700	10	70,000	48	180°
47397-4	406T70	9290013972	Not DLC Certified	10T8 LED/48-3000 IF 1PK 10/1	120-277, 347	G13	82	3000	10	70,000	48	180°
47398-2	406T71	9290013973	PNQDNQ8A	10T8 LED/48-3500 IF 1PK 10/1	120-277, 347	G13	82	3500	10	70,000	48	180°
47399-0	406T72	9290013974	PZSHH318	10T8 LED/48-4000 IF 1PK 10/1	120-277, 347	G13	82	4000	10	70,000	48	180°
47400-7	406T73	9290013975	PN4911BT	10T8 LED/48-5000 IF 1PK 10/1	120-277, 347	G13	82	5000	10	70,000	48	180°
• 46956-9	52ZX63	9290011239D	Not DLC Certified	10T8/48-3000 IF 10/1 TAA/NAFTA	120-277, 347	G13	82	3000	10	50,000	48	160°
• 46957-7	52ZX64	9290011240D	PQ59TWB9	10T8/48-3500 IF 10/1 TAA/NAFTA	120-277, 347	G13	82	3500	10	50,000	48	160°
• 46958-5	52ZX65	9290011241D	PGRZB3RN	10T8/48-4000 IF 10/1 TAA/NAFTA	120-277, 347	G13	82	4000	10	50,000	48	160°
• 46959-3	52ZX66	9290011242D	P657RXA5	10T8/48-5000 IF 10/1 TAA/NAFTA	120-277, 347	G13	82	5000	10	50,000	48	160°
InstantFit LED T8 - 4' dimmable high output												
47392-6	406T74	9290013976	PLSV8P2I	13T8 LED/48-3000 IF DIM 1PK	120-277, 347	G13	82	3000	10	70,000	48	180°
47393-4	406T75	9290013977	PFY60XS0	13T8 LED/48-3500 IF DIM 1PK	120-277, 347	G13	82	3500	10	70,000	48	180°
47394-2	406T76	9290013978	P43GX42U	13T8 LED/48-4000 IF DIM 1PK	120-277, 347	G13	82	4000	10	70,000	48	180°
47395-8	406T77	9290013979	PICF8UPP	13T8 LED/48-5000 IF DIM 1PK	120-277, 347	G13	82	5000	10	70,000	48	180°
• 46960-1	52ZX67	9290011585C	P1GG4T6Q	14T8/48-3000 IF 10/1 DIM TAA/NAFTA	120-277, 347	G13	82	3000	10	50,000	48	160°
• 46961-9	52ZX68	9290011586C	P5R4PGPD	14T8/48-3500 IF 10/1 DIM TAA/NAFTA	120-277, 347	G13	82	3500	10	50,000	48	160°
• 46962-7	52ZX69	9290011587C	PFWPMJNV	14T8/48-4000 IF 10/1 DIM TAA/NAFTA	120-277, 347	G13	82	4000	10	50,000	48	160°
• 46963-5	52ZX70	9290011588C	P9RG41WJ	14T8/48-5000 IF 10/1 DIM TAA/NAFTA	120-277, 347	G13	82	5000	10	50,000	48	160°
InstantFit LED T8 - 4' dimmable high output glass												
47009-6	406T66	9290013430A	P72NDZIH	14T8 PRO LED/48-3000 IF G 10/1	120-277, 347	G13	82	3000	10	50,000	48	240°
47010-4	406T67	9290013431A	PBC11GJI	14T8 PRO LED/48-3500 IF G 10/1	120-277, 347	G13	82	3500	10	50,000	48	240°
47011-2	406T68	9290013432A	PQJR24AE	14T8 PRO LED/48-4000 IF G 10/1	120-277, 347	G13	82	4000	10	50,000	48	240°
47012-0	406T69	9290013433A	P8JMV6DL	14T8 PRO LED/48-5000 IF G 10/1	120-277, 347	G13	82	5000	10	50,000	48	240°
InstantFit LED T8 - 4' glass												
53046-9	*Sourcing	9290018660	PRRGSCTH	12T8/PRO/48-830/IF17/G 10/1 FB	120-277, 347	G13	82	3000	10	50,000	48	240°
53047-7	*Sourcing	9290018661	P9ZCH9LL	12T8/PRO/48-835/IF17/G 10/1 FB	120-277, 347	G13	82	3500	10	50,000	48	240°
53048-5	*Sourcing	9290018662	PIAVUPWL	12T8/PRO/48-840/IF18/G 10/1 FB	120-277, 347	G13	82	4000	10	50,000	48	240°
53049-3	*Sourcing	9290018663	PSDP6ZG1	12T8/PRO/48-850/IF18/G 10/1 FB	120-277, 347	G13	82	5000	10	50,000	48	240°
InstantFit LED T8 - 4' dimmable ultra high output												
46313-3	48RE88	9290012267	PNGUXZUY	16.5T8 LED/48-3500 IF 10/1 UHO	120-277, 347	G13	82	3500	10	70,000	48	160°
46314-1	48RE89	9290012268	PZ5C8FWR	16.5T8 LED/48-4000 IF 10/1 UHO	120-277, 347	G13	82	4000	10	70,000	48	160°
46315-8	48RE90	9290012269	PS8REP3K	16.5T8 LED/48-5000 IF 10/1 UHO	120-277, 347	G13	82	5000	10	70,000	48	160°
InstantFit LED T8 - 4' basic glass												
45656-6	40CP62	9290011511	Not DLC Certified	17T8/48-4000 IFG 10/1	120-277, 347	G13	82	4000	10	36,000	48	240°
45657-4	40CP61	9290011512	Not DLC Certified	17T8/48-5000 IFG 10/1	120-277, 347	G13	82	5000	10	36,000	48	240°
InstantFit LED T8 - 3'												
46932-0	32MX91	9290013113	Not DLC Certified	9T8 LED/36-3000 IF 10/1	120-277, 347	G13	82	3000	10	50,000	36	160°
46933-8	32MX92	9290013114	Not DLC Certified	9T8 LED/36-3500 IF 10/1	120-277, 347	G13	82	3500	10	50,000	36	160°
46934-6	32MX93	9290013115	Not DLC Certified	9T8 LED/36-4000 IF 10/1	120-277, 347	G13	82	4000	10	50,000	36	160°
46935-3	32MX94	9290013116	Not DLC Certified	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	52ZX59	9290013108	Type C DLC Cert. ⁸	7T8 LED/24-3000 IF 10/1	120-277, 347	G13	82	3000	10	50,000	24	160°
46928-8	52ZX60	9290013109	PM745MKV	7T8 LED/24-3500 IF 10/1	120-277, 347	G13	82	3500	10	50,000	24	160°
46929-6	52ZX61	9290013110	PKTG4YER	7T8 LED/24-4000 IF 10/1	120-277, 347	G13	82	4000	10	50,000	24	160°
46930-4	52ZX62	9290013111	PW99TCSB	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	53UG83	9290013077	No DLC Category	35T8/96-3000 IF FA8 10/1	120-277, 347	FA8	82	3000	10	50,000	96	160°
46924-7	53UG84	9290013078	No DLC Category	35T8/96-3500 IF FA8 10/1	120-277, 347	FA8	82	3500	10	50,000	96	160°
46925-4	53UG85	9290013146	No DLC Category	35T8/96-4000 IF FA8 10/1	120-277, 347	FA8	82	4000	10	50,000	96	160°
46926-2	53UG86	9290013147	No DLC Category	35T8/96-6500 IF FA8 10/1	120-277, 347	FA8	82	6500	10	50,000	96	160°
InstantFit LED T5 high output												
46712-6	53UG87	9290012837	PD9ZB669	24T5 LED/HO/48-3000 IF 10/1	120-277, 347-480V	G5	82	3000	10	50,000	46	160°
46713-4	53UG88	9290012838	PR7H998W	24T5 LED/HO/48-3500 IF 10/1	120-277, 347-480V	G5	82	3500	10	50,000	46	160°
46714-2	53UG89	9290012839	PUFNVUMP	24T5 LED/HO/48-4000 IF 10/1	120-277, 347-480V	G5	82	4000	10	50,000	46	160°
46715-9	53UG90	9290012840	PUHYX3QV	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	53YZ39	9290013118	PTESWFZT	13T8 LED/24-3000 IF-6U 10/1	120-277, 347	G13	82	3000	10	50,000	24	160°
46938-7	53YZ40	9290013119	P14MK6P7	13T8 LED/24-3500 IF-6U 10/1	120-277, 347	G13	82	3500	10	50,000	24	160°
46939-5	53YZ41	9290013120	P3WDDMMYN	13T8 LED/24-4000 IF-6U 10/1	120-277, 347	G13	82	4000	10	50,000	24	160°
46940-3	53YZ42	9290013121	PSR4656R	13T8 LED/24-5000 IF-6U 10/1	120-277, 347	G13	82	5000	10	50,000	24	160°
LED InstantFit - 4' dimmable rotatable high output												
46865-2	*Sourcing	9290013033	PIZ3VUZP	14T8/48-3000 IF 10/1 ROT	120-277, 347	G13	82	3000	10	50,000	48	160°
46866-0	*Sourcing	9290013034	PMRKKRUT	14T8/48-3500 IF 10/1 ROT	120-277, 347	G13	82	3500	10	50,000	48	160°
46867-8	*Sourcing	9290013035	P2R73QWZ	14T8/48-4000 IF 10/1 ROT	120-277, 347	G13	82	4000	10	50,000	48	160°
46868-6	*Sourcing	9290013036	PQ2TMYAQ	14T8/48-5000 IF 10/1 ROT	120-277, 347	G13	82	5000	10	50,000	48	160°

See footnotes on last page.

* Items available through Grainger Sourcing only.

Many lamps claim compatibility. **InstantFit proves it.**

Philips InstantFit LED lamps

Ballast technical data (Subject to change without notice)

Product Number	Grainger Number	Bare Lamp Watts (W)	Average System Watts (W)			Initial Lumens ⁶		
			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'								
47396-6	*Sourcing	10.0	11.0	13.0	16.0	1200	1400	1600
47397-4	406T70	10.0	11.0	13.0	16.0	1300	1500	1700
47398-2	406T71	10.0	11.0	13.0	16.0	1300	1500	1800
47399-0	406T72	10.0	11.0	13.0	16.0	1400	1600	1850
47400-7	406T73	10.0	11.0	13.0	16.0	1400	1600	1850
46956-9	52ZX63	10.0	11.0	13.0	16.0	1300	1500	1700
46957-7	52ZX64	10.0	11.0	13.0	16.0	1300	1500	1800
46958-5	52ZX65	10.0	11.0	13.0	16.0	1400	1600	1850
46959-3	52ZX66	10.0	11.0	13.0	16.0	1400	1600	1850
InstantFit LED T8 - 4' dimmable high output								
47392-6	406T74	13.0	14.0	16.0	21.5	1800	2000	2700
47393-4	406T75	13.0	14.0	16.0	21.5	1800	2000	2700
47394-2	406T76	13.0	14.0	16.0	21.5	1900	2100	2800
47395-8	406T77	13.0	14.0	16.0	21.5	1900	2100	2800
46960-1	52ZX67	14.0	15.0	17.0	23.0	1800	2000	2700
46961-9	52ZX68	14.0	15.0	17.0	23.0	1800	2000	2700
46962-7	52ZX69	14.0	15.0	17.0	23.0	1900	2100	2800
46963-5	52ZX70	14.0	15.0	17.0	23.0	1900	2100	2800
InstantFit LED T8 - 4' dimmable high output glass								
47009-6	406T66	14.0	15.0	17.0	23.0	1750	2000	2350
47010-4	406T67	14.0	15.0	17.0	23.0	1750	2000	2350
47011-2	406T68	14.0	15.0	17.0	23.0	1850	2100	2450
47012-0	406T69	14.0	15.0	17.0	23.0	1850	2100	2450
InstantFit LED T8 - 4' glass								
53046-9	*Sourcing	12	12	15	17.5	1350	1700	1950
53047-7	*Sourcing	12	12	15	17.5	1350	1700	1950
53048-5	*Sourcing	12	12	15	17.5	1450	1800	2100
53049-3	*Sourcing	12	12	15	17.5	1450	1800	2100
InstantFit LED T8 - 4' dimmable ultra high output								
46313-3	48RE88	16.5	18.0	20.0	27.0	2200	2400	2950
46314-1	48RE89	16.5	18.0	20.0	27.0	2250	2500	3050
46315-8	48RE90	16.5	18.0	20.0	27.0	2250	2500	3050
InstantFit LED T8 - 4' basic glass								
45656-6	40CP62	17.0	18.0	20.0	26.5	1850	2100	2450
45657-4	40CP61	17.0	18.0	20.0	26.5	1850	2100	2450
InstantFit LED T8 - 3'								
46932-0	32MX91	9.0	10.5	11.5	15.5	950	1100	1300
46933-8	32MX92	9.0	10.5	11.5	15.5	950	1100	1300
46934-6	32MX93	9.0	10.5	11.5	15.5	1050	1200	1400
46935-3	32MX94	9.0	10.5	11.5	15.5	1050	1200	1400
InstantFit LED - 2' high output								
46927-0	52ZX59	7.0	8.5	9.5	13.5	950	1050	1200
46928-8	52ZX60	7.0	8.5	9.5	13.5	950	1050	1200
46929-6	52ZX61	7.0	8.5	9.5	13.5	1050	1150	1300
46930-4	52ZX62	7.0	8.5	9.5	13.5	1050	1150	1300
InstantFit LED T8/T12 - 8'								
46923-9	53UG83	35.0	N/A	41.0	N/A	N/A	4000	N/A
46924-7	53UG84	35.0	N/A	41.0	N/A	N/A	4000	N/A
46925-4	53UG85	35.0	N/A	41.0	N/A	N/A	4200	N/A
46926-2	53UG86	35.0	N/A	41.0	N/A	N/A	4200	N/A
InstantFit LED T5 high output								
46712-6	53UG87	24.0	N/A	28.0	N/A	N/A	3300	N/A
46713-4	53UG88	24.0	N/A	28.0	N/A	N/A	3300	N/A
46714-2	53UG89	24.0	N/A	28.0	N/A	N/A	3500	N/A
46715-9	53UG90	24.0	N/A	28.0	N/A	N/A	3500	N/A
InstantFit LED T8 U-Bent - 6" high output								
46937-9	53YZ39	13.0	14.0	16.0	21.0	1800	2000	2700
46938-7	53YZ40	13.0	14.0	16.0	21.0	1800	2000	2700
46939-5	53YZ41	13.0	14.0	16.0	21.0	1900	2100	2800
46940-3	53YZ42	13.0	14.0	16.0	21.0	1900	2100	2800
LED InstantFit - 4' dimmable rotatable high output								
46865-2	*Sourcing	14.0	15.0	17.0	23.0	1800	2000	2700
46866-0	*Sourcing	14.0	15.0	17.0	23.0	1800	2000	2700
46867-8	*Sourcing	14.0	15.0	17.0	23.0	1900	2100	2800
46868-6	*Sourcing	14.0	15.0	17.0	23.0	1900	2100	2800

See footnotes on last page.

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Many lamps claim compatibility. **InstantFit proves it.**

Philips InstantFit LED lamps

Philips InstantFit LED T8 electro magnetic compatible lamps

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

Product No.	Grainger No.	Model No.	Ordering Code	Volts (Depending on Ballast)	Base	CRI	Color Temp. (K)	LED Lifetime (hrs.) ⁴	MOL (In.)	Beam Angle
InstantFit LED T8 EM compatible ⁵ – 4' glass										
46311-7	48WL68	9290012265	20T12 EM LED/48-4000 IF G	120-277	G13	83	4000	36,000	48	240°
46312-5	48WL69	9290012266	20T12 EM LED/48-6500 IF G	120-277	G13	83	6500	36,000	48	240°

Ballast technical data (Subject to change without notice)

Product No.	Bare Lamp Watts (W)	Average System Watts (W)			Initial Lumens ⁴		
		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 T12⁷

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%

Philips InstantFit LED lamps

Shipping data (Subject to change without notice)

Product Number	Grainger 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'													
47396-6	*Sourcing	47400-3	47400-8	10	6.2	0.42	1190	1	70	17	48.0 x 1.1 x 1.1	49.3 x 5.5 x 2.7	50.1 x 39.1 x 46.1
47397-4	406T70	47399-0	47399-5	10	6.2	0.42	1190	1	70	17	48.0 x 1.1 x 1.1	49.3 x 5.5 x 2.7	50.1 x 39.1 x 46.1
47398-2	406T71	47398-3	47398-8	10	6.2	0.42	1190	1	70	17	48.0 x 1.1 x 1.1	49.3 x 5.5 x 2.7	50.1 x 39.1 x 46.1
47399-0	406T72	47397-6	47397-1	10	6.2	0.42	1190	1	70	17	48.0 x 1.1 x 1.1	49.3 x 5.5 x 2.7	50.1 x 39.1 x 46.1
47400-7	406T73	47396-9	47396-4	10	6.2	0.42	1190	1	70	17	48.0 x 1.1 x 1.1	49.3 x 5.5 x 2.7	50.1 x 39.1 x 46.1
46956-9	52ZX63	47260-3	46956-1	10	9.7	0.60	600	1	60	10	48.0 x 1.1 x 1.1	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46957-7	52ZX64	47261-0	46957-8	10	9.7	0.60	600	1	60	10	48.0 x 1.1 x 1.1	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46958-5	52ZX65	47262-7	46958-5	10	9.7	0.60	600	1	60	10	48.0 x 1.1 x 1.1	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46959-3	52ZX66	47263-4	46959-2	10	9.7	0.60	600	1	60	10	48.0 x 1.1 x 1.1	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
InstantFit LED T8 - 4' dimmable high output													
47392-6	406T74	47392-1	47392-6	10	6.2	0.42	1190	1	70	17	48.0 x 1.1 x 1.1	49.3 x 5.5 x 2.7	50.1 x 39.1 x 46.1
47393-4	406T75	47393-8	47393-3	10	6.2	0.42	1190	1	70	17	48.0 x 1.1 x 1.1	49.3 x 5.5 x 2.7	50.1 x 39.1 x 46.1
47394-2	406T76	47394-5	47394-0	10	6.2	0.42	1190	1	70	17	48.0 x 1.1 x 1.1	49.3 x 5.5 x 2.7	50.1 x 39.1 x 46.1
47395-8	406T77	47395-2	47395-7	10	6.2	0.42	1190	1	70	17	48.0 x 1.1 x 1.1	49.3 x 5.5 x 2.7	50.1 x 39.1 x 46.1
46960-1	52ZX67	47264-1	46960-8	10	9.7	0.60	600	1	60	10	48.0 x 1.1 x 1.1	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46961-9	52ZX68	47265-8	46961-5	10	9.7	0.60	600	1	60	10	48.0 x 1.1 x 1.1	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46962-7	52ZX69	47266-5	46962-2	10	9.7	0.60	600	1	60	10	48.0 x 1.1 x 1.1	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46963-5	52ZX70	47267-2	46963-9	10	9.7	0.60	600	1	60	10	48.0 x 1.1 x 1.1	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
InstantFit LED T8 - 4' dimmable high output glass													
47009-6	406T66	45240-7	47009-3	10	6.2	0.42	550	1	50	16	48.0 x 1.1 x 1.1	49.5 x 7.1 x 3.9	50.6 x 39.4 x 48.3
47010-4	406T67	45275-9	47010-9	10	6.2	0.42	550	1	50	16	48.0 x 1.1 x 1.1	49.5 x 7.1 x 3.9	50.6 x 39.4 x 48.3
47011-2	406T68	45325-1	47011-6	10	6.2	0.42	550	1	50	16	48.0 x 1.1 x 1.1	49.5 x 7.1 x 3.9	50.6 x 39.4 x 48.3
47012-0	406T69	45248-3	47012-3	10	6.2	0.42	550	1	50	16	48.0 x 1.1 x 1.1	49.5 x 7.1 x 3.9	50.6 x 39.4 x 48.3
InstantFit LED T8 - 4' glass													
53046-9	*Sourcing	53046-4	53046-9	10	6.68	0.72	650	1	50	13	47.8 x 1.1 x 1.1	49.1 x 7.0 x 3.6	51.2 x 40 x 47
53047-7	*Sourcing	53047-1	53047-6	10	6.68	0.72	650	1	50	13	47.8 x 1.1 x 1.1	49.1 x 7.0 x 3.6	51.2 x 40 x 47
53048-5	*Sourcing	53048-8	53048-3	10	6.68	0.72	650	1	50	13	47.8 x 1.1 x 1.1	49.1 x 7.0 x 3.6	51.2 x 40 x 47
53049-3	*Sourcing	53049-5	53049-0	10	6.68	0.72	650	1	50	13	47.8 x 1.1 x 1.1	49.1 x 7.0 x 3.6	51.2 x 40 x 47
InstantFit LED T8 - 4' dimmable ultra high output													
46313-3	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
46314-1	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
46315-8	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
InstantFit LED T8 - 4' basic glass													
45656-6	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
45657-4	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
InstantFit LED T8 - 3'													
46932-0	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
46933-8	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
46934-6	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
46935-3	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
InstantFit LED T8 - 2' high output													
46927-0	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
46928-8	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
46929-6	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
46930-4	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
InstantFit LED T8/T12 - 8'													
46923-9	53UG83	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	53UG84	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	53UG85	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	53UG86	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	53UG87	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	53UG88	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	53UG89	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	53UG90	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	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
46938-7	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
46939-5	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
46940-3	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
LED InstantFit - 4' dimmable rotatable high output													
46865-2	*Sourcing	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	*Sourcing	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	*Sourcing	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	*Sourcing	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.

* Items available through Grainger Sourcing only.

Many lamps claim compatibility. **InstantFit proves it.**

Philips InstantFit LED lamps

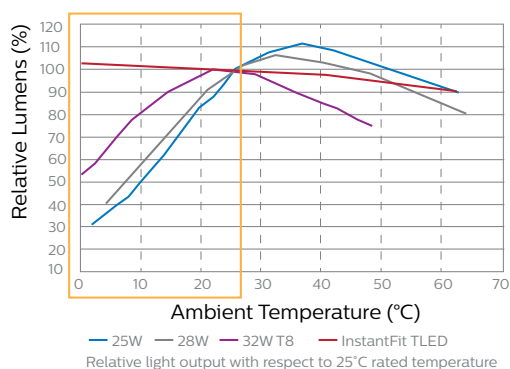
Philips InstantFit LED T8 electro magnetic compatible lamps

Shipping Data (Subject to change without notice)

Product Number	Grainger 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 T8 EM compatible - 4' glass													
46311-7	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
46312-5	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

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

Please refer to www.philips.com/instantfit for instant start ballasts details and the latest ballast compatibility guide⁵.

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

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. 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
 5. 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.
 6. Photometric testing consistent with IES LM-79.
 7. 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.
 8. DLC Product ID list is for UL Type A only. The product may also be DLC certified as UL Type C. To verify search the DLC QPL using the model number.
- Products offered under the Trade Agreements Act (TAA).
For more information, visit <http://www.va.gov/oal/business/fss/taa.asp>

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.



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