LED tubes

InstantFit (UL Type A) lamps

Philips LED linear lamps provide hassle-free installation with simple lamp-for-lamp replacements. Philip InstantFit lamps have best-in-class performance with the widest range of ballast compatibility on the market. Our InstantFit LED lamps deliver what we promise, with at least 40% energy savings*, flicker-free performance, and the life you expect with over 15,000 lamp/ballast combinations. Looking for a Type C system? Our InstantFit Type A lamps can be paired with our dedicated TLED drivers to create Type C TLED systems.

* Savings based on comparison to F32T8 electronic instant start systems

Go to **www.philips.com/instantfit** for the latest LED lamp compatibility chart.

MasterClass LED linear

MasterClass offers ultra-efficiency in the widest variety of lamp types to replace fluorescent lamp types for every application. Many lamps have an extended lifetime, backed by a limited warranty[3] of up to 7 years, providing savings, quality and performance that you can count on.

CorePro LED linear

CorePro LED tubes offer a more affordable solution with a 50,000-hour lifetime and a 5-year limited warranty.[3] The glass housing fits most applications. CorePro LED tubes offer a simple retrofit replacement and low energy consumption with instant savings. They are perfect for standard applications that demand a quality, cost effective solution.

Footnotes on page 4.

InstantFit LED T8 linear

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

G13 FA8

Product Number	Model Number	Ordering Code	Watts (W)	Base	CRI	Color Temp (K)	Life[2] (Hrs)	Lumens (lm)	Material	UL Type	DLC ID (Type A)[4]	Case Qty	Pallet Qty
MasterClass InstantFit T8 2FT													
541813	9290019869	7T8/MAS/24-830/IF10/P 10/1	7	G13	82	3000	70,000	1050	Plastic	A, C	PEVGCYR3	10	2380
541821	9290019870	7T8/MAS/24-835/IF10/P 10/1	7	G13	82	3500	70,000	1050	Plastic	A, C	PCFWLD63	10	2380
541839	9290019871	7T8/MAS/24-840/IF11/P 10/1	7	G13	82	4000	70,000	1150	Plastic	A, C	P451IONS	10	2380
541847	9290019872	7T8/MAS/24-850/IF11/P 10/1	7	G13	82	5000	70,000	1150	Plastic	A, C	PA8KOGZ6	10	2380
MasterClass InstantFit T8 3FT													
539858	9290019675	8.5T8/MAS/36-830/IF13/P 10/1	8.5	G13	82	3000	70,000	1300	Plastic	A, C	PVZ2OQ5G	10	1530
539866	9290019679	8.5T8/MAS/36-835/IF13/P 10/1	8.5	G13	82	3500	70,000	1300	Plastic	A, C	PUB5CRL0	10	1530
539874	9290019676	8.5T8/MAS/36-840/IF14/P 10/1	8.5	G13	82	4000	70,000	1300	Plastic	A, C	PSU0O3VV	10	1530
539882	9290019677	8.5T8/MAS/36-850/IF14/P 10/1	8.5	G13	82	5000	70,000	1400	Plastic	A, C	PQMBVBD4	10	1530
MasterClass InstantFit T8 4FT													
469569	9290011239C	10T8/48-3000 IF 10/1 TAA/NAFTA	10	G13	82	3000	50,000	1500	Plastic	A, C	PE1J4CJW	10	600
469577	9290011240C	10T8/48-3500 IF 10/1 TAA/NAFTA	10	G13	82	3500	50,000	1500	Plastic	A, C	PCY5A5J7	10	600
469585	9290011241C	10T8/48-4000 IF 10/1 TAA/NAFTA	10	G13	82	4000	50,000	1600	Plastic	A, C	PES681F4	10	600
469593	9290011242C	10T8/48-5000 IF 10/1 TAA/NAFTA	10	G13	82	5000	50,000	1600	Plastic	A, C	P1CQAFXR	10	600
473974	9290013972	10T8 LED/48-3000 IF 1PK 10/1	10	G13	82	3000	70,000	1500	Plastic	A, C	P27MFHIS	10	1190
473982	9290013973	10T8 LED/48-3500 IF 1PK 10/1	10	G13	82	3500	70,000	1500	Plastic	A, C	PNQDNQ8A	10	1190
473990	9290013974	10T8 LED/48-4000 IF 1PK 10/1	10	G13	82	4000	70,000	1600	Plastic	A, C	PZSHH318	10	1190
474007	9290013975	10T8 LED/48-5000 IF 1PK 10/1	10	G13	82	5000	70,000	1600	Plastic	A, C	PN4911BT	10	1190
540807	9290013974	10T8/PER/48-840/IF16/P 25/1	10	G13	82	4000	70,000	1600	Plastic	A, C	PZSHH318	25	1400
CorePro InstantFit T8 4FT													
530469	9290018660	12T8/PRO/48-830/IF17/G 10/1 FB	12	G13	80	3000	50,000	1700	Glass	A, C	PRRGSCTH	10	650
530477	9290018661	12T8/PRO/48-835/IF17/G 10/1 FB	12	G13	80	3500	50,000	1700	Glass	A, C	P9ZCH9LL	10	650
530485	9290018662	12T8/PRO/48-840/IF18/G 10/1 FB	12	G13	80	4000	50,000	1800	Glass	A, C	PIAVUPWL	10	650
530493	9290018663	12T8/PRO/48-850/IF18/G 10/1 FB	12	G13	80	5000	50,000	1800	Glass	A, C	PSDP6ZG1	10	650
541986	9290019917	10T8/COR/48-840/IF16/G 25/1	10	G13	80	4000	50,000	1600	Glass	A, C	PJJX910Z	25	900
541994	9290019918	10T8/COR/48-850/IF16/G 25/1	10	G13	80	5000	50,000	1600	Glass	A, C	P0NVK2RH	25	900
542084	9290019606	16T8/LED/48-840/IF18/G 25/1	16	G13	82	4000	36,000	1800	Glass	A	Not DLC	25	900
542092	9290019607	16T8/LED/48-850/IF18/G 25/1	16	G13	82	5000	36,000	1800	Glass	A	Not DLC	25	900

Footnotes on page 4.

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

G13 FA8

Product Number	Model Number	Ordering Code	Watts (W)	Base	CRI	Color Temp (K)	Life[2] (Hrs)	Lumens (lm)	Material	UL Type	DLC ID (Type A)[4]	Case Qty	Pallet Qty
MasterClass InstantFit T8 4FT													
468652	9290013033	14T8/48-3000 IF 10/1 ROT	14	G13	82	3000	50,000	2000	Plastic	A, C	P1Z3VUZP	10	1120
468660	9290013034	14T8/48-3500 IF 10/1 ROT	14	G13	82	3500	50,000	2000	Plastic	A, C	PMRXKRUT	10	1120
468678	9290013035	14T8/48-4000 IF 10/1 ROT	14	G13	82	4000	50,000	2100	Plastic	A, C	P2R73QWZ	10	1120
468686	9290013036	14T8/48-5000 IF 10/1 ROT	14	G13	82	5000	50,000	2100	Plastic	A, C	PQ2TMYAQ	10	1120
469601	9290011585C	14T8/48-3000 IF 10/1 DIM TAA/ NAFTA	14	G13	82	3000	50,000	2100	Plastic	A, C	P1GG4T6Q	10	600
469619	9290011586C	14T8/48-3500 IF 10/1 DIM TAA/ NAFTA	14	G13	82	3500	50,000	2100	Plastic	A, C	P5R4PGPD	10	600
469627	9290011587C	14T8/48-4000 IF 10/1 DIM TAA/ NAFTA	14	G13	82	4000	50,000	2100	Plastic	A, C	PFWPMJNV	10	600
469635	9290011588C	14T8/48-5000 IF 10/1 DIM TAA/ NAFTA	14	G13	82	5000	50,000	2100	Plastic	A, C	P9RG41WJ	10	600
473926	9290013976	13T8/PER/48-830/IF20/P/DIM 10/1	13	G13	82	3000	70,000	2000	Plastic	A, C	PLSV8P2I	10	1190
473934	9290013977	13T8/PER/48-835/IF20/P/DIM 10/1	13	G13	82	3500	70,000	2000	Plastic	A, C	PFY60XS0	10	1190
473942	9290013978	13T8/PER/48-840/IF21/P/DIM 10/1	13	G13	82	4000	70,000	2100	Plastic	A, C	P43GX42U	10	1190
473958	9290013979	13T8/PER/48-850/IF21/P/DIM 10/1	13	G13	82	5000	70,000	2100	Plastic	A, C	PICF8UPP	10	1190
540799	9290013978	13T8/PER/48-840/IF21/P/DIM 25/1	13	G13	82	4000	70,000	2100	Plastic	A, C	P43GX42U	25	1400
CorePro InstantFit T8 4FT													
470096	9290013430	14T8/PRO/48-830/IF20/G 10/1 FB	14	G13	82	3000	50,000	2000	Glass	A, C	P8JMV6DL	10	650
470104	9290013431	14T8/PRO/48-835/IF20/G 10/1 FB	14	G13	82	3500	50,000	2000	Glass	A, C	PBC11GJI	10	650
470112	9290013432	14T8/PRO/48-840/IF21/G 10/1 FB	14	G13	82	4000	50,000	2100	Glass	A, C	PQJR24AE	10	650
470120	9290013433	14T8/PRO/48-850/IF21/G 10/1 FB	14	G13	82	5000	50,000	2100	Glass	A, C	P8JMV6DL	10	650
537803	9290013432A	14T8/PRO/48-840/IF21/G 10/1	14	G13	82	4000	50,000	2100	Glass	A, C	PQJR24AE	10	440
MasterClass InstantFit T8 4FT													
533372	9002016304	15.5T8/MAS/48-835/IF24/P 25/1	15.5	G13	82	3500	70,000	2400	Plastic	A, C	P51ZCP75	25	1400
545194	9002016404	15.5T8/MAS/48-840/IF25/P 25/1	15.5	G13	82	4000	70,000	2500	Plastic	A, C	PCYKVJSI	25	1400
545200	9002016504	15.5T8/MAS/48-850/IF25/P 25/1	15.5	G13	82	5000	70,000	2500	Plastic	A, C	P0HK0Y9Y	25	1400
MasterClass InstantFit T8 8FT													
469247	9290013078	35T8/96-3500 IF FA8 10/1	35	FA8	82	3500	50,000	4000	Plastic	A	Not DLC	10	300
469254	9290013146	35T8/96-4000 IF FA8 10/1	35	FA8	82	4000	50,000	4200	Plastic	A	Not DLC	10	300
CorePro InstantFit T8 8FT													
533000	9290018971	30T8/PER/96-830/IF42/P/FA8 10/1	30	FA8	80	3000	50,000	4200	Glass	A	PV5I8TZI	10	400
533018	9290018972	30T8/PER/96-835/IF42/P/FA8 10/1	30	FA8	80	3500	50,000	4200	Glass	A	PZKP0TXO	10	400
533026	9290018973	30T8/PER/96-840/IF42/P/FA8 10/1	30	FA8	80	4000	50,000	4200	Glass	A	P73Q3PKC	10	400
533034	9290018974	30T8/PER/96-850/IF42/P/FA8 10/1	30	FA8	80	5000	50,000	4200	Glass	A	PRG5ZZ3R	10	400
MasterClass InstantFit U-Bend													
541854	9290019874	13T8-6U/MAS/24-830/IF20/P 10/1	13	G13	82	3000	70,000	2000	Plastic	A, C	P4LG6FAR	10	400
541862	9290019875	13T8-6U/MAS/24-835/IF20/P 10/1	13	G13	82	3500	70,000	2000	Plastic	A, C	PCBI697X	10	400
541870	9290019876	13T8-6U/MAS/24-840/IF21/P 10/1	13	G13	82	4000	70,000	2100	Plastic	A, C	PQJQXE4Q	10	400
541888	9290019877	13T8-6U/MAS/24-850/IF21/P 10/1	13	G13	82	5000	70,000	2100	Plastic	A, C	PXIK4NU7	10	400

Footnotes on page 4.

MainsFit LED linear

Philips MainsFit (UL Type-B) LED T8 lamps use a double-ended design which significantly simplifies installation, saving time and costs over single-ended versions. This ballast bypass product replaces either T8 or T12 lamps in fixtures containing shunted or non-shunted G13 (medium bi-pin) lamp holders for over 40% energy savings.

G13

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

Product Number	Model Number	Ordering Code	Volts	Watts (W)	Base	CRI	Color Temp (K)	Life[2] (Hrs)	Lumens (lm)	Material	UL Type	DLC ID (Type B)	Case Qty	Pallet Qty
CorePro MainsFit T8 2FT														
535450	9290019338	8.5T8PRO/24-830/BB11/G 10/1 FB	120-277	8.5	G13	82	3000	50,000	1100	Glass	B	PSB5JDM7	10	900
535468	9290019339	8.5T8PRO/24-835/BB11/G 10/1 FB	120-277	8.5	G13	82	3500	50,000	1100	Glass	B	PKG7DURA	10	900
535476	9290019340	8.5T8PRO/24-840/BB11/G 10/1 FB	120-277	8.5	G13	82	4000	50,000	1150	Glass	B	PRGU80IY	10	900
535484	9290019341	8.5T8PRO/24-850/BB11/G 10/1 FB	120-277	8.5	G13	82	5000	50,000	1150	Glass	B	PEQHT1DN	10	900
CorePro MainsFit T8 3FT														
535492	9290019342	11.5T8PRO/36-830/BB13/G 10/1 FB	120-277	11.5	G13	82	3000	50,000	1300	Glass	B	PEKX8MHK	10	540
535500	9290019343	11.5T8PRO/36-835/BB13/G 10/1 FB	120-277	11.5	G13	82	3500	50,000	1300	Glass	B	P51PGWYW	10	540
535518	9290019344	11.5T8PRO/36-840/BB14/G 10/1 FB	120-277	11.5	G13	82	4000	50,000	1400	Glass	B	PDESZ0HQ	10	540
535526	9290019345	11.5T8PRO/36-850/BB14/G 10/1 FB	120-277	11.5	G13	82	5000	50,000	1400	Glass	B	P6A2TN9L	10	540
MasterClass MainsFit T8 4FT														
532671	9290018768A	12T8/MAS/48-830/MF17/G 10/1	120-277	12	G13	80	3000	50,000	1700	Glass	B	PVAFJMMI	10	650
532689	9290018769A	12T8/MAS/48-835/MF17/G 10/1	120-277	12	G13	80	3500	50,000	1700	Glass	B	PHSBLUQN	10	650
532697	9290018770A	12T8/MAS/48-840/MF18/G 10/1	120-277	12	G13	80	4000	50,000	1800	Glass	B	P7JFBFBB	10	650
532705	9290018771A	12T8/MAS/48-850/MF18/G 10/1	120-277	12	G13	80	5000	50,000	1800	Glass	B	PF12AWS2	10	650
CorePro MainsFit T8 4FT														
471748	9290013631B	16.5T8/COR/48-830/MF20/G 10/1	120-277	16.5	G13	80	3000	50,000	2000	Glass	B	P18550TJ	10	550
471755	9290013632B	16.5T8/COR/48-835/MF20/G 10/1	120-277	16.5	G13	80	3500	50,000	2000	Glass	B	P1NPKY18	10	550
471763	9290013633B	16.5T8/COR/48-840/MF21/G 10/1	120-277	16.5	G13	80	4000	50,000	2100	Glass	B	PIAI8464	10	550
471771	9290013634B	16.5T8/COR/48-850/MF21/G 10/1	120-277	16.5	G13	80	5000	50,000	2100	Glass	B	P3PZ1XIH	10	550
477315	9290018454A	14T8/COR/48-830/MF17/G 10/1	120-277	14	G13	80	3000	50,000	1700	Glass	B	PZL49NS0	10	550
477323	9290018455A	14T8/COR/48-835/MF17/G 10/1	120-277	14	G13	80	3500	50,000	1700	Glass	B	PYPJ8SI1	10	550
477331	9290018456A	14T8/COR/48-840/MF18/G 10/1	120-277	14	G13	80	4000	50,000	1800	Glass	B	P2OJ2JLX	10	550
477349	9290018457A	14T8/COR/48-850/MF18/G 10/1	120-277	14	G13	80	5000	50,000	1800	Glass	B	PZF69ARG	10	550
CorePro MainsFit T8 8FT														
545269	9290020140	34T8/COR/96-840/MF42/G/FA8 10/1	120-277	34	FA8	82	4000	50,000	4200	Glass	B	P2RHO524	10	450
545277	9290020141	34T8/COR/96-850/MF42/G/FA8 10/1	120-277	34	FA8	82	5000	50,000	4200	Glass	B	PE2GMBO6	10	450
545285	9290020142	44T8HO/COR/96-840/MF54/G/R17d 10/1	120-277	44	R17d	82	4000	50,000	5400	Glass	B	No Category	10	450
545293	9290020143	44T8HO/COR/96-850/MF54/G/R17d 10/1	120-277	44	R17d	82	5000	50,000	5400	Glass	B	No Category	10	450

Footnotes on page 4.

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

G13

Product Number	Model Number	Ordering Code	Volts	Watts (W)	Base	CRI	Color Temp (K)	Life[2] (Hrs)	Lumens (lm)	Material	UL Type	DLC ID (Type A)[4]	Case Qty	Pallet Qty
CorePro MainsFit T8 UBEND														
535534	9290019346	15.5T8-6U PRO/24-830/BB20/G 10/1 FB	120-277	15.5	G13	82	3000	50,000	2000	Glass	B	PAL67OJK	10	250
535542	9290019347	15.5T8-6U PRO/24-835/BB20/G 10/1 FB	120-277	15.5	G13	82	3500	50,000	2000	Glass	B	PVKJRY18	10	250
535559	9290019348	15.5T8-6U PRO/24-840/BB21/G 10/1 FB	120-277	15.5	G13	82	4000	50,000	2100	Glass	B	PUAR19X3	10	250
535567	9290019349	15.5T8-6U PRO/24-850/BB21/G 10/1 FB	120-277	15.5	G13	82	5000	50,000	2100	Glass	B	PMKCEPRN	10	250

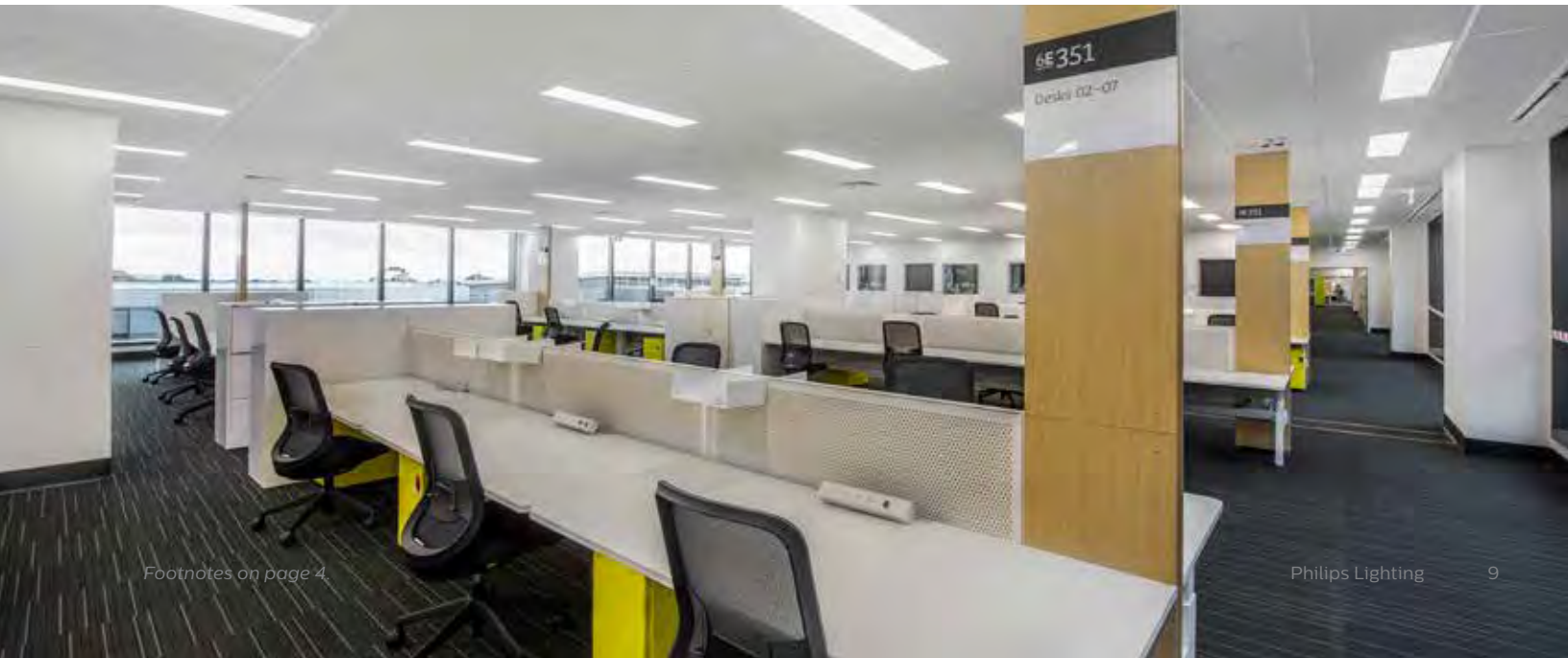
MasterClass InstantFit T5HO

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

G5

Product Number	Model Number	Ordering Code	Watts (W)	Base	CRI	Color Temp (K)	Life[2] (Hrs)	Lumens (lm)	Material	UL Type	DLC ID (Type A)*	Case Qty	Pallet Qty
MasterClass InstantFit T5 4FT													
467126	9290012837	24T5 LED/HO/48-3000 IF 10/1	24	G5	82	3000	50,000	3300	Plastic	A	PD9ZB669	10	2000
467134	9290012838	24T5 LED/HO/48-3500 IF 10/1	24	G5	82	3500	50,000	3300	Plastic	A	PR7H998W	10	2000
467142	9290012839	24T5 LED/HO/48-4000 IF 10/1	24	G5	82	4000	50,000	3500	Plastic	A	PUFNVUMP	10	2000
467159	9290012840	24T5 LED/HO/48-5000 IF 10/1	24	G5	82	5000	50,000	3500	Plastic	A	PJHYX3QV	10	2000

*Lamp may also be DLC certified as a Type C system. Search DLC QPL for more information



Footnotes on page 4

MasterClass party bulbs

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

E26

	Product Number	Model Number	Ordering Code	Volts	Watts (W)	Base	CRI	Life (Hrs)	MBCP	Beam Angle	Case Qty	Pallet Qty	Lumens (lm)	Color Temp (K)
	MasterClass PAR38 party bulbs													
W E	46907-2	929001306513	13.5PAR38/BLUE/FLOOD/ND ULW 1/4	120	13	E26	90	10,000	n/a	n/a	6	448	90	Blue
W E	46909-8	929001306713	13.5PAR38/GREEN/FLOOD/ND ULW 1/4	120	13	E26	90	10,000	n/a	n/a	6	448	90	Green
W E	46908-0	929001306613	13.5PAR38/YELLOW/FLOOD/ND ULW 1/4	120	13	E26	90	10,000	n/a	n/a	6	448	90	Yellow
W E	46910-6	929001306813	13.5PAR38/RED/FLOOD/ND ULW 1/4	120	13	E26	90	10,000	n/a	n/a	6	448	90	Red

Title 20 PARs

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

E26

	Product Number	Model Number	Ordering Code	Volts	Watts (W)	Repl. Watts (W)	Base	CRI	Life[2] (Hrs)	MBCP	Beam Angle	Case Qty	Pallet Qty	Lumens (lm)	Color Temp (K)
	Title 20 PAR30L dimmable bulbs														
T20	535419	9290018539	11.3PAR30L/PER/930/F25/DIM/120V 6/1FBT20	120	11.3	75	E26	90	25,000	4500	25	6	768	850	3000
T20	535427	9290018540	11.3PAR30L/PER/930/F40/DIM/120V 6/1FBT20	120	11.3	75	E26	90	25,000	2000	40	6	768	850	3000
	Title 20 PAR30S dimmable bulbs														
T20	535393	9290018541	11.3PAR30S/PER/930/F25/DIM/120V 6/1FBT20	120	11.3	75	E26	90	25,000	4500	25	6	960	850	3000
T20	535400	9290018542	11.3PAR30S/PER/930/F40/DIM/120V 6/1FBT20	120	11.3	75	E26	90	25,000	2000	40	6	960	850	3000
	Title 20 PAR38 dimmable bulbs														
T20	534859	9290018537	16.5PAR38/PER/930/F25/DIM/120V 6/1FB T20	120	16.5	120	E26	90	25,000	6000	25	6	384	1250	3000
T20	534867	9290018538	16.5PAR38/PER/930/F40/DIM/120V 6/1FB T20	120	16.5	120	E26	90	25,000	2700	40	6	384	1250	3000
T20	534875	9290019091	16.5PAR38/PER/927/F25/DIM/120V 6/1FB T20	120	16.5	120	E26	90	25,000	5800	25	6	384	1150	2700
T20	534883	9290019092	16.5PAR38/PER/927/F40/DIM/120V 6/1FB T20	120	16.5	120	E26	90	25,000	2600	40	6	384	1150	2700

T20 Title 20 qualified.

Footnotes on page 4.