



# A new generation for Linear LED T8 lighting.

## LED InstantFit Lamps

Philips LED T8 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

### Benefits

- 50% energy savings vs F32T8 electronic instant start systems.
- No mercury allowing for non-hazardous waste disposal.
- Emits virtually no UV rays or IR.
- Some models are glass-free for safer working conditions.
- 5 year limited warranty (see [www.philips.com/warranties](http://www.philips.com/warranties) for terms and conditions).
- 2 F32T8 lamps operating on an electronic Instant Start system with a 0.88 Ballast Factor consumes 58 system watts.
- 2 12W Philips LED T8 InstantFit lamps operating on an electronic Instant Start system with a 0.88 Ballast Factor consumes 29 system watts. The system watts saved is 58 - 29 = 29 which equates to 50% energy savings.

### Features

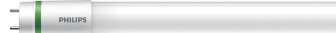
- Instant on, no flicker or buzz.
- Fits into existing fluorescent fixtures.
- Compatible with Instant Start, Programmed Start, Dimmable, and Emergency ballasts eliminating the need for rewiring. This allows the fixture to maintain its original UL compliance.
- Must follow guidelines for installation from Philips Installation Guide included with lamp shipment.

### Application

- Full light output in spaces with temperatures down to -22°F (-30°C)
- Perfect for applications with frequent "on/off" switching cycles
- Buildings that desire to be mercury free

# LED InstantFit Lamps

## Versions



**G13**

**2G11**

**G13**

**G13**

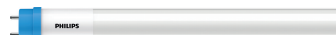
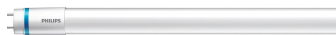


**G13**

**G5**

**G13**

**FA8**

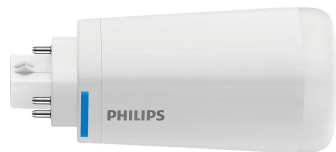


**G13**

**G13**

**G13**

**G13**



**G13**

**G24Q-3**

**GX24Q-3**

**G13**

# LED InstantFit Lamps

## Versions



LEDtube GX23



LEDtube GX23-2



LEDtube GX23-2



LEDtube G24Q



LEDtube G24Q



2G11



LEDtube FA8



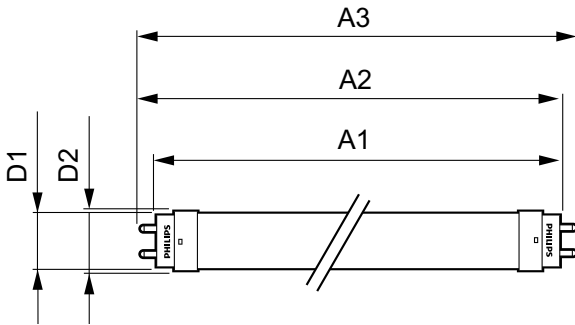
G13



2G13

# LED InstantFit Lamps

## Dimensional drawing

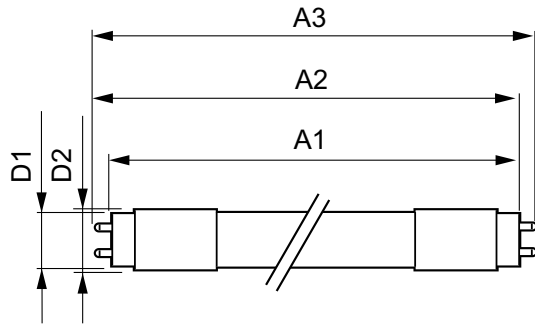


Product	D1	D2	A1	A2	A3
14T8/PRO/48-840/IF21/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
12T8/PRO/48-840/IF18/G 10/1 FB	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
14T8/PRO/48-830/IF20/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
14T8/PRO/48-850/IF21/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
14T8/PRO/48-835/IF20/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
12T8/PRO/48-850/IF18/G 10/1 FB	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
12T8/PRO/48-835/IF17/G 10/1 FB	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
12T8/PRO/48-830/IF17/G 10/1 FB	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
12T8/PER/48-840/BB18/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
12T8/PER/48-850/BB18/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
12T8/PER/48-835/BB17/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
12T8/PER/48-830/BB17/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
14T8PRO/48-850/BB18/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
14T8PRO/48-840/BB18/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
14T8PRO/48-835/BB17/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
14T8PRO/48-830/BB17/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
16.5T8PRO/48-840/BB21/G 10/1 FB	25.7 mm	26 mm	1200 mm	1207 mm	1214 mm
16.5T8PRO/48-835/BB20/G 10/1 FB	25.7 mm	26 mm	1200 mm	1207 mm	1214 mm
16.5T8PRO/48-830/BB20/G 10/1 FB	25.7 mm	26 mm	1200 mm	1207 mm	1214 mm
16.5T8PRO/48-850/BB21/G 10/1 FB	25.7 mm	26 mm	1200 mm	1207 mm	1214 mm
14T8PRO/48-850/BB18/G 1/4 FFP	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
14T8PRO/48-840/BB18/G 1/4 FFP	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
14T8 PRO LED/48-4000 IF G 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
14T8 PRO LED/48-3500 IF G 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
14T8 PRO LED/48-3000 IF G 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

# LED InstantFit Lamps

## Dimensional drawing

Product	D1	D2	A1	A2	A3
14T8/PRO/48-840/IF21/G 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
17T8 LED/48-5000 IF G 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
17T8 LED/48-4000 IF G 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm



Product	D1	D2	A1	A2	A3
14T8/48-5000 IF 10/1 ROT	25.68 mm	26.3 mm	1198 mm	1205 mm	1212 mm
14T8/48-4000 IF 10/1 ROT	25.68 mm	26.3 mm	1198 mm	1205 mm	1212 mm
14T8/48-3000 IF 10/1 ROT	25.68 mm	26.3 mm	1198 mm	1205 mm	1212 mm
14T8/48-3500 IF 10/1 ROT	25.68 mm	26.3 mm	1198 mm	1205 mm	1212 mm
7T8 LED/24-3500 IF 10/1	25.7 mm	26.3 mm	588.6 mm	595.7 mm	602.8 mm
7T8 LED/24-3000 IF 10/1	25.7 mm	26.3 mm	588.6 mm	595.7 mm	602.8 mm
13.5T8PER/48-840/ IF22/P/DIM CAN 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
9T8 LED/36-4000 IF 10/1	25.7 mm	26.3 mm	893.4 mm	900.5 mm	907.6 mm
9T8 LED/36-3500 IF 10/1	25.7 mm	26.3 mm	893.4 mm	900.5 mm	907.6 mm
9T8 LED/36-3000 IF 10/1	25.7 mm	26.3 mm	893.4 mm	900.5 mm	907.6 mm
9T8 LED/36-5000 IF 10/1	25.7 mm	26.3 mm	893.4 mm	900.5 mm	907.6 mm
8T5HE/22-850/ IF10/G/DIM 10/1	15.3 mm	18.4 mm	547.8 mm	554.9 mm	562 mm
14T5HE/46-850/ IF21/G/DIM 10/1	15.3 mm	18.4 mm	1147.8 mm	1154.9 mm	1162 mm
8T5HE/22-840/ IF10/G/DIM 10/1	15.3 mm	18.4 mm	547.8 mm	554.9 mm	562 mm
8T5HE/22-835/ IF10/G/DIM 10/1	15.3 mm	18.4 mm	547.8 mm	554.9 mm	562 mm
14T5HE/46-835/ IF20/G/DIM 10/1	15.3 mm	18.4 mm	1147.8 mm	1154.9 mm	1162 mm
14T5HE/46-840/ IF21/G/DIM 10/1	15.3 mm	18.4 mm	1147.8 mm	1154.9 mm	1162 mm
8T5HE/22-830/ IF10/G/DIM 10/1	15.3 mm	18.4 mm	547.8 mm	554.9 mm	562 mm
14T5HE/46-830/ IF20/G/DIM 10/1	15.3 mm	18.4 mm	1147.8 mm	1154.9 mm	1162 mm
11T5HE/34-835/ IF14/G/DIM 10/1	15.3 mm	18.4 mm	847.8 mm	854.9 mm	862 mm
11T5HE/34-850/ IF15/G/DIM 10/1	15.3 mm	18.4 mm	847.8 mm	854.9 mm	862 mm
11T5HE/34-830/ IF14/G/DIM 10/1	15.3 mm	18.4 mm	847.8 mm	854.9 mm	862 mm
11T5HE/34-840/ IF15/G/DIM 10/1	15.3 mm	18.4 mm	847.8 mm	854.9 mm	862 mm

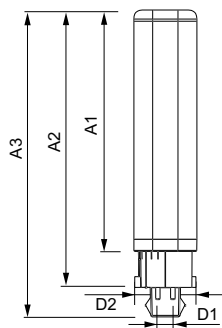
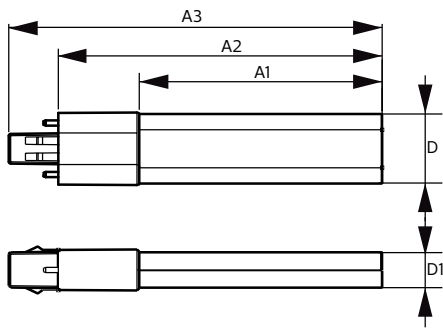
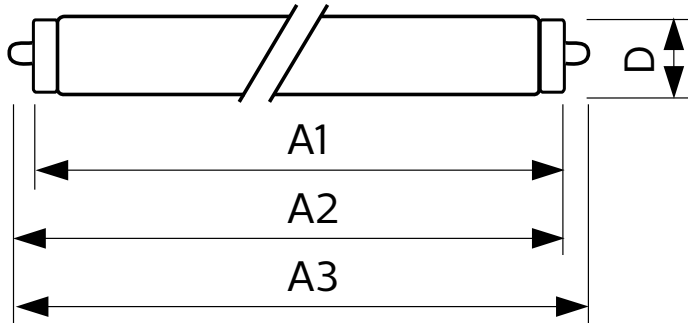
# LED InstantFit Lamps

## Dimensional drawing

Product	D1	D2	A1	A2	A3
24T5HO/46-850/ IF35/P/DIM 10/1	15.2 mm	17.8 mm	1147.8 mm	1154.9 mm	1162 mm
24T5HO/46-835/ IF33/P/DIM 10/1	15.2 mm	17.8 mm	1147.8 mm	1154.9 mm	1162 mm
7T8 LED/24-5000 IF 10/1	25.7 mm	26.3 mm	588.6 mm	595.7 mm	602.8 mm
24T5HO/46-840/ IF35/P/DIM 10/1	15.2 mm	17.8 mm	1147.8 mm	1154.9 mm	1162 mm
24T5HO/46-830/ IF33/P/DIM 10/1	15.2 mm	17.8 mm	1147.8 mm	1154.9 mm	1162 mm
7T8 LED/24-4000 IF 10/1	25.7 mm	26.3 mm	588.6 mm	595.7 mm	602.8 mm
20T12 EM LED/48-6500 IF G 10/1	26 mm	28 mm	1198 mm	1205 mm	1212 mm
16.5T8 LED/48-3000 IF 10/1 UHO	25.68 mm	28 mm	1198 mm	1205 mm	1212 mm
13T8 LED/48-4000 IF DIM 1PK 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
13T8 LED/48-3500 IF DIM 1PK 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
13T8 LED/48-3000 IF DIM 1PK 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
13T8 LED/48-5000 IF DIM 1PK 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
10T8 LED/48-3000 IF 1PK 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
10T8 LED/48-4000 IF 1PK 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
10T8 LED/48-3500 IF 1PK 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
10T8 LED/48-5000 IF 1PK 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
10T8 LED/48-2700 IF 1PK 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
16.5T8 LED/48-5000 IF 10/1 UHO	25.68 mm	28 mm	1198 mm	1205 mm	1212 mm
16.5T8 LED/48-4000 IF 10/1 UHO	25.68 mm	28 mm	1198 mm	1205 mm	1212 mm
16.5T8 LED/48-3500 IF 10/1 UHO	25.68 mm	28 mm	1198 mm	1205 mm	1212 mm
20T12 EM LED/48-4000 IF G 10/1	26 mm	28 mm	1198 mm	1205 mm	1212 mm

# LED InstantFit Lamps

## Dimensional drawing



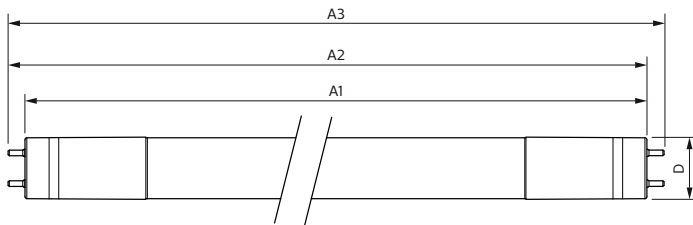
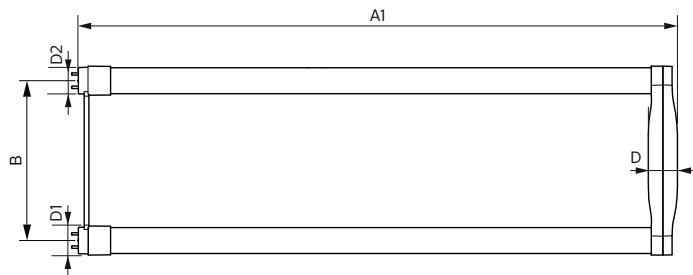
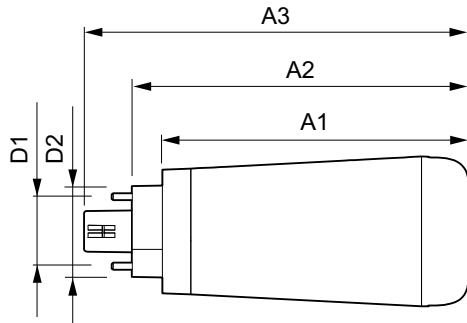
Product	D	A1	A2	A3	
35T8/96-4000 IF FA8 10/1	27.9 mm	2366.9 mm	2375.2 mm	2383.5 mm	
35T8/96-3000 IF FA8 10/1	27.9 mm	2366.9 mm	2375.2 mm	2383.5 mm	
35T8/96-3500 IF FA8 10/1	27.9 mm	2366.9 mm	2375.2 mm	2383.5 mm	
35T8/96-6500 IF FA8 10/1	27.9 mm	2366.9 mm	2375.2 mm	2383.5 mm	
30T8/PRO/96-850/IF42/G/FA8 10/1	25.5 mm	28 mm	2366.9 mm	2375.8 mm	2384.7 mm
30T8/PRO/96-840/IF42/G/FA8 10/1	25.5 mm	28 mm	2366.9 mm	2375.8 mm	2384.7 mm
30T8/PRO/96-830/IF39/G/FA8 10/1	25.5 mm	28 mm	2366.9 mm	2375.8 mm	2384.7 mm
30T8/PRO/96-835/IF39/G/FA8 10/1	25.5 mm	28 mm	2366.9 mm	2375.8 mm	2384.7 mm

Product	D	D1	A1	A2	A3
5PL-S/LED/13H/827/IF5/P/2P 20/1	31.1 mm	15.8 mm	108 mm	144 mm	166 mm
5PL-S/LED/13H/840/IF5/P/2P 20/1	31.1 mm	15.8 mm	108 mm	144 mm	166 mm
5PL-S/LED/13H/835/IF5/P/2P 20/1	31.1 mm	15.8 mm	108 mm	144 mm	166 mm
5PL-S/LED/13H/830/IF5/P/2P 20/1	31.1 mm	15.8 mm	108 mm	144 mm	166 mm

Product	D1	D2	A1	A2	A3
8.5PL-C/T LED/26H-2700 IF 4P 10/1	24.3 mm	28.4 mm	128.3 mm	147.5 mm	163.1 mm
8.5PL-C/T LED/26H-3500 IF 4P 10/1	24.3 mm	28.4 mm	128.3 mm	147.5 mm	163.1 mm
8.5PL-C/T LED/26H-3000 IF 4P 10/1	24.3 mm	28.4 mm	128.3 mm	147.5 mm	163.1 mm
12PLC/T LED/32H/830/IF/4P/DIM 1PK 10/1	24.3 mm	28.4 mm	128.8 mm	148 mm	163.6 mm
12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1	24.3 mm	28.4 mm	128.8 mm	148 mm	163.6 mm
12PLC/T LED/32H/835/IF/4P/DIM 1PK 10/1	24.3 mm	28.4 mm	128.8 mm	148 mm	163.6 mm
8.5PL-C/T LED/26H-4000 IF 4P 10/1	24.3 mm	28.4 mm	128.3 mm	147.5 mm	163.1 mm
12PLC/T LED/32H/840/IF/4P/DIM 1PK 10/1	24.3 mm	28.4 mm	128.8 mm	148 mm	163.6 mm

# LED InstantFit Lamps

## Dimensional drawing



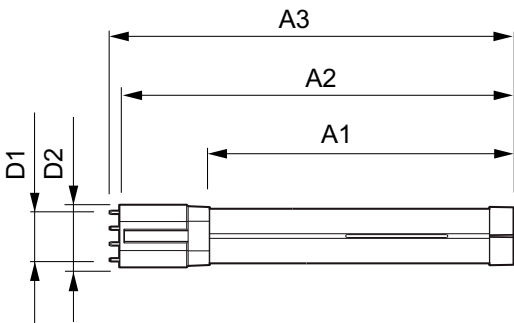
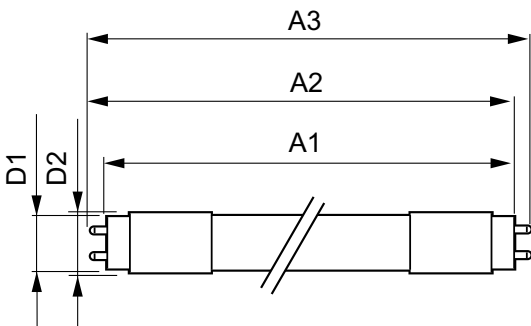
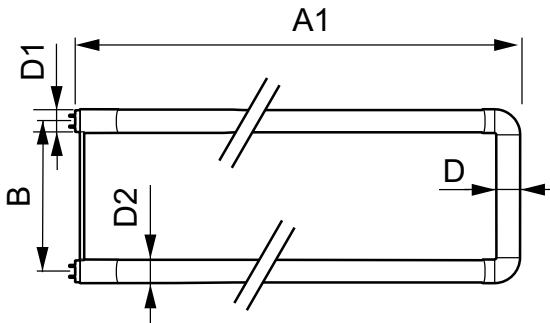
Product	D1	D2	A1	A2	A3
10.5PL-C/T LED/26V-3500 IF 4P 10/1	24.3 mm	29 mm	99.9 mm	109.9 mm	125.5 mm
10.5PL-C/T LED/26V-2700 IF 4P 10/1	24.3 mm	29 mm	99.9 mm	109.9 mm	125.5 mm
10.5PL-C/T LED/26V-4000 IF 4P 10/1	24.3 mm	29 mm	99.9 mm	109.9 mm	125.5 mm
10.5PL-C/T LED/26V-3000 IF 4P 10/1	24.3 mm	29 mm	99.9 mm	109.9 mm	125.5 mm
12PLC/T LED/32V/840/IF/4P/DIM 1PK 10/1	24.3 mm	29 mm	99.9 mm	109.9 mm	125.5 mm
12PLC/T LED/32V/830/IF/4P/DIM 1PK 10/1	24.3 mm	29 mm	99.9 mm	109.9 mm	125.5 mm
12PLC/T LED/32V/835/IF/4P/DIM 1PK 10/1	24.3 mm	29 mm	99.9 mm	109.9 mm	125.5 mm
12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1	24.3 mm	29 mm	99.9 mm	109.9 mm	125.5 mm

Product	D1	D2	B	A1	D
15.5T8-6U PRO/24-830/BB20/G 10/1 FB	25.7 mm	28.1 mm	152 mm	570 mm	27.9 mm
15.5T8-6U PRO/24-850/BB21/G 10/1 FB	25.7 mm	28.1 mm	152 mm	570 mm	27.9 mm
15.5T8-6U PRO/24-835/BB20/G 10/1 FB	25.7 mm	28.1 mm	152 mm	570 mm	27.9 mm
15.5T8-6U PRO/24-840/BB21/G 10/1 FB	25.7 mm	28.1 mm	152 mm	570 mm	27.9 mm

Product	D	A1	A2	A3
11.5T8PRO/36-850/BB14/G 10/1 FB	25.9 mm	894.3 mm	900.5 mm	908.8 mm
8.5T8PRO/24-840/BB11/G 10/1 FB	25.9 mm	589.5 mm	595.7 mm	604 mm
11.5T8PRO/36-840/BB14/G 10/1 FB	25.9 mm	894.3 mm	900.5 mm	908.8 mm
8.5T8PRO/24-850/BB11/G 10/1 FB	25.9 mm	589.5 mm	595.7 mm	604 mm
8.5T8PRO/24-830/BB11/G 10/1 FB	25.9 mm	589.5 mm	595.7 mm	604 mm
11.5T8PRO/36-830/BB13/G 10/1 FB	25.9 mm	894.3 mm	900.5 mm	908.8 mm
11.5T8PRO/36-835/BB13/G 10/1 FB	25.9 mm	894.3 mm	900.5 mm	908.8 mm
8.5T8PRO/24-835/BB11/G 10/1 FB	25.9 mm	589.5 mm	595.7 mm	604 mm

# LED InstantFit Lamps

## Dimensional drawing



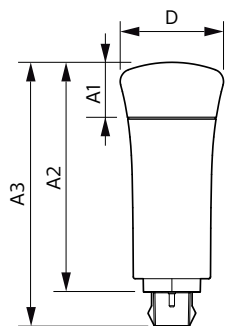
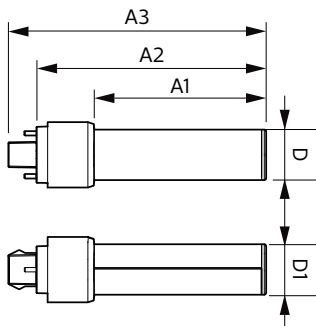
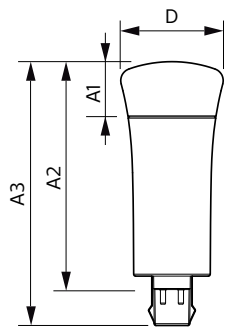
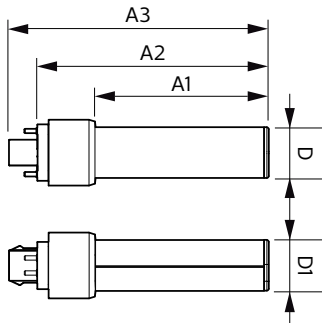
Product	D1	D2	B	A1	D
13T8 LED/24-5000 IF-6U 10/1	25.7 mm	28 mm	152 mm	570 mm	27.8 mm
13T8 LED/24-4000 IF-6U 10/1	25.7 mm	28 mm	152 mm	570 mm	27.8 mm
13T8 LED/24-3500 IF-6U 10/1	25.7 mm	28 mm	152 mm	570 mm	27.8 mm
13T8 LED/24-3000 IF-6U 10/1	25.7 mm	28 mm	152 mm	570 mm	27.8 mm

Product	D1	D2	A1	A2	A3
14T8/48-5000 IF 10/1 DIM TAA/NAFTA	25.7 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
14T8/48-4000 IF 10/1 DIM TAA/NAFTA	25.7 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
14T8/48-3500 IF 10/1 DIM TAA/NAFTA	25.7 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
14T8/48-3000 IF 10/1 DIM TAA/NAFTA	25.7 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
10T8/48-5000 IF 10/1 TAA/ NAFTA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
10T8/48-4000 IF 10/1 TAA/ NAFTA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
10T8/48-3500 IF 10/1 TAA/ NAFTA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
10T8/48-3000 IF 10/1 TAA/ NAFTA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
16.5T8 LED/48-4000 20/1 DC Driver	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm

Product	D1	D2	A1	A2	A3
16.5PL-LED/24-4000 IF 10/1	33 mm	43.6 mm	564 mm	570.6 mm	570.6 mm
16.5PL-LED/24-3000 IF 10/1	33 mm	43.6 mm	564 mm	570.6 mm	570.6 mm

# LED InstantFit Lamps

## Dimensional drawing



Product	D	D1	A1	A2	A3
5.5PL-C/LED/13H/827/IF5/P/4P 20/1	27 mm	27 mm	91.5 mm	122.4 mm	137.4 mm
5.5PL-C/LED/13H/840/IF5/P/4P 20/1	27 mm	27 mm	91.5 mm	122.4 mm	137.4 mm
5.5PL-C/LED/13H/830/IF5/P/4P 20/1	27 mm	27 mm	91.5 mm	122.4 mm	137.4 mm
5.5PL-C/LED/13H/835/IF5/P/4P 20/1	27 mm	27 mm	91.5 mm	122.4 mm	137.4 mm

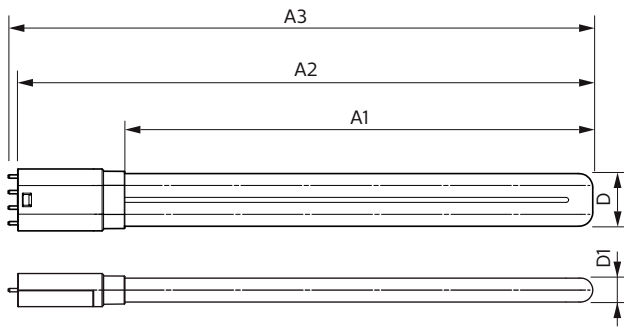
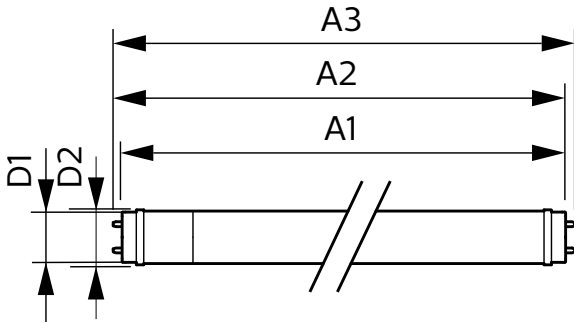
Product	D	A1	A2	A3
5.5PL-C/LED/13V/830/IF5/P/4P 20/1	45.7 mm	24.6 mm	101.6 mm	117.6 mm
5.5PL-C/LED/13V/840/IF5/P/4P 20/1	45.7 mm	24.6 mm	101.6 mm	117.6 mm
5.5PL-C/LED/13V/827/IF5/P/4P 20/1	45.7 mm	24.6 mm	101.6 mm	117.6 mm
5.5PL-C/LED/13V/835/IF5/P/4P 20/1	45.7 mm	24.6 mm	101.6 mm	117.6 mm

Product	D	D1	A1	A2	A3
5PL-C/LED/13H/830/IF5/P/2P 20/1	27 mm	27 mm	91.5 mm	122.4 mm	137.4 mm
5PL-C/LED/13H/840/IF5/P/2P 20/1	27 mm	27 mm	91.5 mm	122.4 mm	137.4 mm
5PL-C/LED/13H/827/IF5/P/2P 20/1	27 mm	27 mm	91.5 mm	122.4 mm	137.4 mm
5PL-C/LED/13H/835/IF5/P/2P 20/1	27 mm	27 mm	91.5 mm	122.4 mm	137.4 mm

Product	D	A1	A2	A3
5PL-C/LED/13V/827/IF5/P/2P 20/1	45.7 mm	24.6 mm	101.6 mm	117.6 mm
5PL-C/LED/13V/830/IF5/P/2P 20/1	45.7 mm	24.6 mm	101.6 mm	117.6 mm
5PL-C/LED/13V/840/IF5/P/2P 20/1	45.7 mm	24.6 mm	101.6 mm	117.6 mm
5PL-C/LED/13V/835/IF5/P/2P 20/1	45.7 mm	24.6 mm	101.6 mm	117.6 mm

# LED InstantFit Lamps

## Dimensional drawing



Product	D1	D2	A1	A2	A3
10T8/COR/48-840/IF16/G 25/1	25.7 mm	28 mm	1198.1 mm	1205.2 mm	1212.3 mm
10T8/COR/48-850/IF16/G 25/1	25.7 mm	28 mm	1198.1 mm	1205.2 mm	1212.3 mm

Product	D	D1	A1	A2	A3
16.5PL-L/PER/22/830/IF22/P 4P 10/1	40.6 mm	20 mm	501 mm	564 mm	570.6 mm
16.5PL-L/PER/22/835/IF22/P 4P 10/1	40.6 mm	20 mm	501 mm	564 mm	570.6 mm
16.5PL-L/PER/22/840/IF23/P 4P 10/1	40.6 mm	20 mm	501 mm	564 mm	570.6 mm

### General Information

Switching Cycle 50000X

### Light Technical

Lmf At End Of Nominal Lifetime (Nom) 70 %

### Temperature

T-Storage (Max) 65 °C

T-Storage (Min) -40 °C

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
469569	10T8/48-3000 IF 10/1 TAA/NAFTA	-	Not applicable
469577	10T8/48-3500 IF 10/1 TAA/NAFTA	-	-
469585	10T8/48-4000 IF 10/1 TAA/NAFTA	-	-
469593	10T8/48-5000 IF 10/1 TAA/NAFTA	-	-
469601	14T8/48-3000 IF 10/1 DIM TAA/NAFTA	-	-
469619	14T8/48-3500 IF 10/1 DIM TAA/NAFTA	-	Not applicable
469627	14T8/48-4000 IF 10/1 DIM TAA/NAFTA	-	Not applicable
469635	14T8/48-5000 IF 10/1 DIM TAA/NAFTA	-	Not applicable
456632	16.5PL-LED/24-3000 IF 10/1	21 kWh	A+
456657	16.5PL-LED/24-4000 IF 10/1	21 kWh	A+
458125	16.5T8 LED/48-4000 20/1 DC Driver	21 kWh	A+
463117	20T12 EM LED/48-4000 IFG 10/1	20 kWh	A+

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
463125	20T12 EM LED/48-6500 IFG 10/1	20 kWh	A+
463133	16.5T8/LED/48/835 IF 10/1	20 kWh	A+
463141	16.5T8/LED/48/840 IF 10/1	20 kWh	A+
463158	16.5T8/LED/48/850 IF 10/1	20 kWh	A+
468892	16.5T8 LED/48-3000 IF 10/1 UHO	20 kWh	-
467126	24T5HO/46-830/IF33/P/DIM 10/1	-	-
467134	24T5HO/46-835/IF33/P/DIM 10/1	-	-
467142	24T5HO/46-840/IF35/P/DIM 10/1	-	-
467159	24T5HO/46-850/IF35/P/DIM 10/1	-	-
476416	8T5HE/22-830/IF10/G/DIM 10/1	-	-
476424	8T5HE/22-835/IF10/G/DIM 10/1	-	-
476432	8T5HE/22-840/IF10/G/DIM 10/1	-	-

## LED InstantFit Lamps

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
476440	8T5HE/22-850/IF10/G/DIM 10/1	-	-
476457	11T5HE/34-830/IF14/G/DIM 10/1	-	-
476465	11T5HE/34-835/IF14/G/DIM 10/1	-	-
476473	11T5HE/34-840/IF15/G/DIM 10/1	-	-
476481	11T5HE/34-850/IF15/G/DIM 10/1	-	-
476499	14T5HE/46-830/IF20/G/DIM 10/1	-	-
476507	14T5HE/46-835/IF20/G/DIM 10/1	-	-
476515	14T5HE/46-840/IF21/G/DIM 10/1	-	-
476523	14T5HE/46-850/IF21/G/DIM 10/1	-	-
468652	14T8/48-3000 IF 10/1 ROT	-	-
468660	14T8/48-3500 IF 10/1 ROT	-	-
468678	14T8/48-4000 IF 10/1 ROT	-	-
468686	14T8/48-5000 IF 10/1 ROT	-	-
469239	35T8/96-3000 IF FA8 10/1	-	-
469247	35T8/96-3500 IF FA8 10/1	-	-
469254	35T8/96-4000 IF FA8 10/1	-	-
469262	35T8/96-6500 IF FA8 10/1	-	-
469270	7T8 LED/24-3000 IF 10/1	-	Not applicable
469288	7T8 LED/24-3500 IF 10/1	-	-
469296	7T8 LED/24-4000 IF 10/1	-	-
469304	7T8 LED/24-5000 IF 10/1	-	-
469320	9T8 LED/36-3000 IF 10/1	-	Not applicable
469338	9T8 LED/36-3500 IF 10/1	-	Not applicable
469346	9T8 LED/36-4000 IF 10/1	-	Not applicable
469353	9T8 LED/36-5000 IF 10/1	-	Not applicable
469379	13T8 LED/24-3000 IF-6U 10/1	-	-
469387	13T8 LED/24-3500 IF-6U 10/1	-	-
469395	13T8 LED/24-4000 IF-6U 10/1	-	-
469403	13T8 LED/24-5000 IF-6U 10/1	-	-
470096	14T8 PRO LED/48-3000 IF G 10/1	-	Not applicable
470096	14T8/PRO/48-830/IF20/G 10/1 FB	-	Not applicable
470104	14T8 PRO LED/48-3500 IF G 10/1	-	Not applicable
470104	14T8/PRO/48-835/IF20/G 10/1 FB	-	Not applicable
470112	14T8 PRO LED/48-4000 IF G 10/1	-	Not applicable
470112	14T8/PRO/48-840/IF21/G 10/1 FB	-	Not applicable
537803	14T8/PRO/48-840/IF21/G 10/1	-	Not applicable
470120	14T8/PRO/48-850/IF21/G 10/1 FB	-	Not applicable
530469	12T8/PRO/48-830/IF17/G 10/1 FB	-	-
530477	12T8/PRO/48-835/IF17/G 10/1 FB	-	-
530485	12T8/PRO/48-840/IF18/G 10/1 FB	-	-
530493	12T8/PRO/48-850/IF18/G 10/1 FB	-	-
541986	10T8/COR/48-840/IF16/G 25/1	-	-
541994	10T8/COR/48-850/IF16/G 25/1	-	-
456566	17T8 LED/48-4000 IF G 10/1	-	Not applicable
456574	17T8 LED/48-5000 IF G 10/1	-	Not applicable
471748	16.5T8PRO/48-830/BB20/G 10/1 FB	-	-
471755	16.5T8PRO/48-835/BB20/G 10/1 FB	-	-
471763	16.5T8PRO/48-840/BB21/G 10/1 FB	-	-
471771	16.5T8PRO/48-850/BB21/G 10/1 FB	-	-
477315	14T8PRO/48-830/BB17/G 10/1 FB	-	-

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
477323	14T8PRO/48-835/BB17/G 10/1 FB	-	-
477331	14T8PRO/48-840/BB18/G 10/1 FB	-	-
538371	14T8PRO/48-840/BB18/G 1/4 FFP	-	-
477349	14T8PRO/48-850/BB18/G 10/1 FB	-	-
538389	14T8PRO/48-850/BB18/G 1/4 FFP	-	-
532671	12T8/PER/48-830/BB17/G 10/1 FB	-	-
532689	12T8/PER/48-835/BB17/G 10/1 FB	-	-
532697	12T8/PER/48-840/BB18/G 10/1 FB	-	-
532705	12T8/PER/48-850/BB18/G 10/1 FB	-	-
458364	8.5PL-C/T LED/26H-2700 IF 4P 1PK 10/1	-	-
458372	8.5PL-C/T LED/26H-3000 IF 4P 1PK 10/1	-	-
458380	8.5PL-C/T LED/26H-3500 IF 4P 1PK 10/1	-	-
458398	8.5PL-C/T LED/26H-4000 IF 4P 1PK 10/1	-	-
476069	12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1	-	-
476077	12PLC/T LED/32H/830/IF/4P/DIM 1PK 10/1	-	-
476085	12PLC/T LED/32H/835/IF/4P/DIM 1PK 10/1	-	-
476093	12PLC/T LED/32H/840/IF/4P/DIM 1PK 10/1	-	-
458406	10.5PL-C/T LED/26V-2700 IF 4P 1PK 10/1	-	-
458414	10.5PL-C/T LED/26V-3000 IF 4P 1PK 10/1	-	-
458422	10.5PL-C/T LED/26V-3500 IF 4P 1PK 10/1	-	-
458430	10.5PL-C/T LED/26V-4000 IF 4P 1PK 10/1	-	-
476101	12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1	-	-
476119	12PLC/T LED/32V/830/IF/4P/DIM 1PK 10/1	-	-
476127	12PLC/T LED/32V/835/IF/4P/DIM 1PK 10/1	-	-
476135	12PLC/T LED/32V/840/IF/4P/DIM 1PK 10/1	-	-
473966	10T8 LED/48-2700 IF 1PK 10/1	-	-
473974	10T8 LED/48-3000 IF 1PK 10/1	-	-
473982	10T8 LED/48-3500 IF 1PK 10/1	-	-
473990	10T8 LED/48-4000 IF 1PK 10/1	-	-
474007	10T8 LED/48-5000 IF 1PK 10/1	-	-
473926	13T8 LED/48-3000 IF DIM 1PK 10/1	-	-
473934	13T8 LED/48-3500 IF DIM 1PK 10/1	-	-
473942	13T8 LED/48-4000 IF DIM 1PK 10/1	-	-
533729	13.5T8PER/48-840/IF22/P/DIM CAN 10/1	-	-
473958	13T8 LED/48-5000 IF DIM 1PK 10/1	-	-
529511	5PL-S/LED/13H/827/IF5/P/2P 20/1	-	-
529560	5PL-S/LED/13H/830/IF5/P/2P 20/1	-	-
529578	5PL-S/LED/13H/835/IF5/P/2P 20/1	-	-
529586	5PL-S/LED/13H/840/IF5/P/2P 20/1	-	-
532309	5PL-C/LED/13H/827/IF5/P/2P 20/1	-	-
532317	5PL-C/LED/13H/830/IF5/P/2P 20/1	-	-
532333	5PL-C/LED/13H/835/IF5/P/2P 20/1	-	-
532341	5PL-C/LED/13H/840/IF5/P/2P 20/1	-	-
532358	5PL-C/LED/13V/827/IF5/P/2P 20/1	-	-
532366	5PL-C/LED/13V/830/IF5/P/2P 20/1	-	-
532374	5PL-C/LED/13V/835/IF5/P/2P 20/1	-	-
532382	5PL-C/LED/13V/840/IF5/P/2P 20/1	-	-
532390	5.5PL-C/LED/13H/827/IF5/P/4P 20/1	-	-
532408	5.5PL-C/LED/13H/830/IF5/P/4P 20/1	-	-
532416	5.5PL-C/LED/13H/835/IF5/P/4P 20/1	-	-

## LED InstantFit Lamps

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
532424	5.5PL-C/LED/13H/840/IF5/P/4P 20/1	-	-
532432	5.5PL-C/LED/13V/827/IF5/P/4P 20/1	-	-
532440	5.5PL-C/LED/13V/830/IF5/P/4P 20/1	-	-
532457	5.5PL-C/LED/13V/835/IF5/P/4P 20/1	-	-
532465	5.5PL-C/LED/13V/840/IF5/P/4P 20/1	-	-
532895		-	-
532903		-	-
532911		-	-
533000		-	-
533018		-	-
533026		-	-
533034	30T8/PRO/96-850/IF42/G/FA8 10/1	-	-

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
535450		-	-
535468		-	-
535476		-	-
535484		-	-
535492		-	-
535500		-	-
535518		-	-
535526		-	-
535534		-	-
535542		-	-
535559		-	-
535567		-	-

### Controls and Dimming

Order Code	Full Product Name	Dimmable
469569	10T8/48-3000 IF 10/1 TAA/NAFTA	No
469577	10T8/48-3500 IF 10/1 TAA/NAFTA	No
469585	10T8/48-4000 IF 10/1 TAA/NAFTA	No
469593	10T8/48-5000 IF 10/1 TAA/NAFTA	No
469601	14T8/48-3000 IF 10/1 DIM TAA/NAFTA	Yes
469619	14T8/48-3500 IF 10/1 DIM TAA/NAFTA	Yes
469627	14T8/48-4000 IF 10/1 DIM TAA/NAFTA	Yes
469635	14T8/48-5000 IF 10/1 DIM TAA/NAFTA	Yes
456632	16.5PL-LED/24-3000 IF 10/1	No
456657	16.5PL-LED/24-4000 IF 10/1	No
458125	16.5T8 LED/48-4000 20/1 DC Driver	Yes
463117	20T12 EM LED/48-4000 IFG 10/1	No
463125	20T12 EM LED/48-6500 IFG 10/1	No
463133	16.5T8/LED/48/835 IF 10/1	No
463141	16.5T8/LED/48/840 IF 10/1	No
463158	16.5T8/LED/48/850 IF 10/1	No
468892	16.5T8 LED/48-3000 IF 10/1 UHO	No
467126	24T5HO/46-830/IF33/P/DIM 10/1	Yes
467134	24T5HO/46-835/IF33/P/DIM 10/1	Yes
467142	24T5HO/46-840/IF35/P/DIM 10/1	Yes
467159	24T5HO/46-850/IF35/P/DIM 10/1	Yes
476416	8T5HE/22-830/IF10/G/DIM 10/1	Yes
476424	8T5HE/22-835/IF10/G/DIM 10/1	Yes
476432	8T5HE/22-840/IF10/G/DIM 10/1	Yes
476440	8T5HE/22-850/IF10/G/DIM 10/1	Yes
476457	11T5HE/34-830/IF14/G/DIM 10/1	Yes
476465	11T5HE/34-835/IF14/G/DIM 10/1	Yes
476473	11T5HE/34-840/IF15/G/DIM 10/1	Yes
476481	11T5HE/34-850/IF15/G/DIM 10/1	Yes
476499	14T5HE/46-830/IF20/G/DIM 10/1	Yes
476507	14T5HE/46-835/IF20/G/DIM 10/1	Yes
476515	14T5HE/46-840/IF21/G/DIM 10/1	Yes
476523	14T5HE/46-850/IF21/G/DIM 10/1	Yes
468652	14T8/48-3000 IF 10/1 ROT	No

Order Code	Full Product Name	Dimmable
468660	14T8/48-3500 IF 10/1 ROT	No
468678	14T8/48-4000 IF 10/1 ROT	No
468686	14T8/48-5000 IF 10/1 ROT	No
469239	35T8/96-3000 IF FA8 10/1	No
469247	35T8/96-3500 IF FA8 10/1	No
469254	35T8/96-4000 IF FA8 10/1	No
469262	35T8/96-6500 IF FA8 10/1	No
469270	7T8 LED/24-3000 IF 10/1	No
469288	7T8 LED/24-3500 IF 10/1	No
469296	7T8 LED/24-4000 IF 10/1	No
469304	7T8 LED/24-5000 IF 10/1	No
469320	9T8 LED/36-3000 IF 10/1	No
469338	9T8 LED/36-3500 IF 10/1	No
469346	9T8 LED/36-4000 IF 10/1	No
469353	9T8 LED/36-5000 IF 10/1	No
469379	13T8 LED/24-3000 IF-6U 10/1	No
469387	13T8 LED/24-3500 IF-6U 10/1	No
469395	13T8 LED/24-4000 IF-6U 10/1	No
469403	13T8 LED/24-5000 IF-6U 10/1	No
470096	14T8 PRO LED/48-3000 IF G 10/1	No
470096	14T8/PRO/48-830/IF20/G 10/1 FB	No
470104	14T8 PRO LED/48-3500 IF G 10/1	No
470104	14T8/PRO/48-835/IF20/G 10/1 FB	No
470112	14T8 PRO LED/48-4000 IF G 10/1	No
470112	14T8/PRO/48-840/IF21/G 10/1 FB	No
537803	14T8/PRO/48-840/IF21/G 10/1	No
470120	14T8/PRO/48-850/IF21/G 10/1 FB	No
530469	12T8/PRO/48-830/IF17/G 10/1 FB	No
530477	12T8/PRO/48-835/IF17/G 10/1 FB	No
530485	12T8/PRO/48-840/IF18/G 10/1 FB	No
530493	12T8/PRO/48-850/IF18/G 10/1 FB	No
541986	10T8/COR/48-840/IF16/G 25/1	No
541994	10T8/COR/48-850/IF16/G 25/1	No
456566	17T8 LED/48-4000 IF G 10/1	No

## LED InstantFit Lamps

Order Code	Full Product Name	Dimmable
456574	17T8 LED/48-5000 IF G 10/1	No
471748	16.5T8PRO/48-830/BB20/G 10/1 FB	No
471755	16.5T8PRO/48-835/BB20/G 10/1 FB	No
471763	16.5T8PRO/48-840/BB21/G 10/1 FB	No
471771	16.5T8PRO/48-850/BB21/G 10/1 FB	No
477315	14T8PRO/48-830/BB17/G 10/1 FB	No
477323	14T8PRO/48-835/BB17/G 10/1 FB	No
477331	14T8PRO/48-840/BB18/G 10/1 FB	No
538371	14T8PRO/48-840/BB18/G 1/4 FFP	No
477349	14T8PRO/48-850/BB18/G 10/1 FB	No
538389	14T8PRO/48-850/BB18/G 1/4 FFP	No
532671	12T8/PER/48-830/BB17/G 10/1 FB	No
532689	12T8/PER/48-835/BB17/G 10/1 FB	No
532697	12T8/PER/48-840/BB18/G 10/1 FB	No
532705	12T8/PER/48-850/BB18/G 10/1 FB	No
458364	8.5PL-C/T LED/26H-2700 IF 4P 1PK 10/1	No
458372	8.5PL-C/T LED/26H-3000 IF 4P 1PK 10/1	No
458380	8.5PL-C/T LED/26H-3500 IF 4P 1PK 10/1	No
458398	8.5PL-C/T LED/26H-4000 IF 4P 1PK 10/1	No
476069	12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1	Yes
476077	12PLC/T LED/32H/830/IF/4P/DIM 1PK 10/1	Yes
476085	12PLC/T LED/32H/835/IF/4P/DIM 1PK 10/1	Yes
476093	12PLC/T LED/32H/840/IF/4P/DIM 1PK 10/1	Yes
458406	10.5PL-C/T LED/26V-2700 IF 4P 1PK 10/1	No
458414	10.5PL-C/T LED/26V-3000 IF 4P 1PK 10/1	No
458422	10.5PL-C/T LED/26V-3500 IF 4P 1PK 10/1	No
458430	10.5PL-C/T LED/26V-4000 IF 4P 1PK 10/1	No
476101	12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1	Yes
476119	12PLC/T LED/32V/830/IF/4P/DIM 1PK 10/1	Yes
476127	12PLC/T LED/32V/835/IF/4P/DIM 1PK 10/1	Yes
476135	12PLC/T LED/32V/840/IF/4P/DIM 1PK 10/1	Yes
473966	10T8 LED/48-2700 IF 1PK 10/1	No
473974	10T8 LED/48-3000 IF 1PK 10/1	No
473982	10T8 LED/48-3500 IF 1PK 10/1	No
473990	10T8 LED/48-4000 IF 1PK 10/1	No
474007	10T8 LED/48-5000 IF 1PK 10/1	No
473926	13T8 LED/48-3000 IF DIM 1PK 10/1	Yes
473934	13T8 LED/48-3500 IF DIM 1PK 10/1	Yes
473942	13T8 LED/48-4000 IF DIM 1PK 10/1	Yes
533729	13.5T8PER/48-840/IF22/P/DIM CAN 10/1	No

Order Code	Full Product Name	Dimmable
473958	13T8 LED/48-5000 IF DIM 1PK 10/1	Yes
529511	5PL-S/LED/13H/827/IF5/P/2P 20/1	No
529560	5PL-S/LED/13H/830/IF5/P/2P 20/1	No
529578	5PL-S/LED/13H/835/IF5/P/2P 20/1	No
529586	5PL-S/LED/13H/840/IF5/P/2P 20/1	No
532309	5PL-C/LED/13H/827/IF5/P/2P 20/1	No
532317	5PL-C/LED/13H/830/IF5/P/2P 20/1	No
532333	5PL-C/LED/13H/835/IF5/P/2P 20/1	No
532341	5PL-C/LED/13H/840/IF5/P/2P 20/1	No
532358	5PL-C/LED/13V/827/IF5/P/2P 20/1	No
532366	5PL-C/LED/13V/830/IF5/P/2P 20/1	No
532374	5PL-C/LED/13V/835/IF5/P/2P 20/1	No
532382	5PL-C/LED/13V/840/IF5/P/2P 20/1	No
532390	5.5PL-C/LED/13H/827/IF5/P/4P 20/1	No
532408	5.5PL-C/LED/13H/830/IF5/P/4P 20/1	No
532416	5.5PL-C/LED/13H/835/IF5/P/4P 20/1	No
532424	5.5PL-C/LED/13H/840/IF5/P/4P 20/1	No
532432	5.5PL-C/LED/13V/827/IF5/P/4P 20/1	No
532440	5.5PL-C/LED/13V/830/IF5/P/4P 20/1	No
532457	5.5PL-C/LED/13V/835/IF5/P/4P 20/1	No
532465	5.5PL-C/LED/13V/840/IF5/P/4P 20/1	No
532895		No
532903		No
532911		No
533000		No
533018		No
533026		No
533034	30T8/PRO/96-850/IF42/G/FA8 10/1	No
535450		No
535468		No
535476		No
535484		No
535492		No
535500		No
535518		No
535526		No
535534		No
535542		No
535559		No
535567		No

### Operating and Electrical

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
469569	10T8/48-3000 IF 10/1 TAA/NAFTA	50 to 60 Hz	120-277, 347 V	10 W	0.5 s
469577	10T8/48-3500 IF 10/1 TAA/NAFTA	50 to 60 Hz	120-277, 347 V	10 W	0.5 s
469585	10T8/48-4000 IF 10/1 TAA/NAFTA	50 to 60 Hz	120-277, 347 V	10 W	0.5 s

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
469593	10T8/48-5000 IF 10/1 TAA/NAFTA	50 to 60 Hz	120-277, 347 V	10 W	0.5 s
469601	14T8/48-3000 IF 10/1 DIM TAA/NAFTA	50 to 60 Hz	120-277, 347 V	14 W	0.5 s
469619	14T8/48-3500 IF 10/1 DIM TAA/NAFTA	50 to 60 Hz	120-277, 347 V	14 W	0.5 s

## LED InstantFit Lamps

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
469627	14T8/48-4000 IF 10/1 DIM TAA/NAFTA	50 to 60 Hz	120-277, 347 V	14 W	0.5 s
469635	14T8/48-5000 IF 10/1 DIM TAA/NAFTA	50 to 60 Hz	120-277, 347 V	14 W	0.5 s
456632	16.5PL-LED/24-3000 IF 10/1	50 to 60 Hz	120-277 V	16.5 W	0.5 s
456657	16.5PL-LED/24-4000 IF 10/1	50 to 60 Hz	120-277 V	16.5 W	0.5 s
458125	16.5T8 LED/48-4000 20/1 DC Driver	50 to 60 Hz	25-27 V	16.5 W	0.5 s
463117	20T12 EM LED/48-4000 IFG 10/1	60 Hz	120-277 V	20 W	0.5 s
463125	20T12 EM LED/48-6500 IFG 10/1	60 Hz	120-277 V	20 W	0.5 s
463133	16.5T8/LED/48/835 IF 10/1	50 to 60 Hz	120-277 V	16.5 W	-
463141	16.5T8/LED/48/840 IF 10/1	50 to 60 Hz	120-277 V	16.5 W	-
463158	16.5T8/LED/48/850 IF 10/1	50 to 60 Hz	120-277 V	16.5 W	0.5 s
468892	16.5T8 LED/48-3000 IF 10/1 UHO	50 to 60 Hz	120-277, 347 V	16.5 W	0.5 s
467126	24T5HO/46-830/ IF33/P/DIM 10/1	40000-80000 Hz	39-64 V	24 W	0.5 s
467134	24T5HO/46-835/ IF33/P/DIM 10/1	40000-80000 Hz	39-64 V	24 W	0.5 s
467142	24T5HO/46-840/ IF35/P/DIM 10/1	40000-80000 Hz	39-64 V	24 W	0.5 s
467159	24T5HO/46-850/ IF35/P/DIM 10/1	40000-80000 Hz	39-64 V	24 W	0.5 s
476416	8T5HE/22-830/ IF10/G/DIM 10/1	40000-110000 Hz	40-60 V	8 W	0.5 s
476424	8T5HE/22-835/ IF10/G/DIM 10/1	40000-110000 Hz	40-60 V	8 W	0.5 s
476432	8T5HE/22-840/ IF10/G/DIM 10/1	40000-110000 Hz	40-60 V	8 W	0.5 s
476440	8T5HE/22-850/ IF10/G/DIM 10/1	40000-110000 Hz	40-60 V	8 W	0.5 s
476457	11T5HE/34-830/ IF14/G/DIM 10/1	40000-110000 Hz	50-80 V	11 W	0.5 s
476465	11T5HE/34-835/ IF14/G/DIM 10/1	40000-110000 Hz	50-80 V	11 W	0.5 s
476473	11T5HE/34-840/ IF15/G/DIM 10/1	40000-110000 Hz	50-80 V	11 W	0.5 s
476481	11T5HE/34-850/ IF15/G/DIM 10/1	40000-110000 Hz	50-80 V	11 W	0.5 s
476499	14T5HE/46-830/ IF20/G/DIM 10/1	40000-110000 Hz	70-105 V	14 W	0.5 s
476507	14T5HE/46-835/ IF20/G/DIM 10/1	40000-110000 Hz	70-105 V	14 W	0.5 s
476515	14T5HE/46-840/ IF21/G/DIM 10/1	40000-110000 Hz	70-105 V	14 W	0.5 s
476523	14T5HE/46-850/ IF21/G/DIM 10/1	40000-110000 Hz	70-105 V	14 W	0.5 s
468652	14T8/48-3000 IF 10/1 ROT	50 to 60 Hz	120-277, 347 V	14 W	0.5 s
468660	14T8/48-3500 IF 10/1 ROT	50 to 60 Hz	120-277, 347 V	14 W	0.5 s
468678	14T8/48-4000 IF 10/1 ROT	50 to 60 Hz	120-277, 347 V	14 W	0.5 s
468686	14T8/48-5000 IF 10/1 ROT	50 to 60 Hz	120-277, 347 V	14 W	0.5 s
469239	35T8/96-3000 IF FA8 10/1	50000-64000 Hz	280-410 V	35 W	-
469247	35T8/96-3500 IF FA8 10/1	50000-64000 Hz	280-410 V	35 W	-
469254	35T8/96-4000 IF FA8 10/1	50000-64000 Hz	280-410 V	35 W	-
469262	35T8/96-6500 IF FA8 10/1	50000-64000 Hz	280-410 V	35 W	-
469270	7T8 LED/24-3000 IF 10/1	20000-120000 Hz	120-277, 347 V	7 W	0.5 s
469288	7T8 LED/24-3500 IF 10/1	20000-120000 Hz	120-277, 347 V	7 W	0.5 s
469296	7T8 LED/24-4000 IF 10/1	20000-120000 Hz	120-277, 347 V	7 W	0.5 s
469304	7T8 LED/24-5000 IF 10/1	20000-120000 Hz	120-277, 347 V	7 W	0.5 s
469320	9T8 LED/36-3000 IF 10/1	20000-120000 Hz	120-277, 347 V	9 W	0.5 s
469338	9T8 LED/36-3500 IF 10/1	20000-120000 Hz	120-277, 347 V	9 W	0.5 s
469346	9T8 LED/36-4000 IF 10/1	20000-120000 Hz	120-277, 347 V	9 W	0.5 s
469353	9T8 LED/36-5000 IF 10/1	20000-120000 Hz	120-277, 347 V	9 W	0.5 s
469379	13T8 LED/24-3000 IF-6U 10/1	20000-120000 Hz	120-277, 347 V	13 W	0.5 s
469387	13T8 LED/24-3500 IF-6U 10/1	20000-120000 Hz	120-277, 347 V	13 W	0.5 s
469395	13T8 LED/24-4000 IF-6U 10/1	20000-120000 Hz	120-277, 347 V	13 W	0.5 s
469403	13T8 LED/24-5000 IF-6U 10/1	20000-120000 Hz	120-277, 347 V	13 W	0.5 s
470096	14T8 PRO LED/48-3000 IF G 10/1	20000-120000 Hz	120-277, 347 V	14 W	0.5 s
470096	14T8/PRO/48-830/ IF20/G 10/1 FB	25000-105000 Hz	120-277, 347 V	14 W	0.5 s
470104	14T8 PRO LED/48-3500 IF G 10/1	20000-120000 Hz	120-277, 347 V	14 W	0.5 s

## LED InstantFit Lamps

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
470104	14T8/PRO/48-835/ IF20/G 10/1 FB	25000-105000 Hz	120-277, 347 V	14 W	0.5 s
470112	14T8 PRO LED/48-4000 IF G 10/1	20000-120000 Hz	120-277, 347 V	14 W	0.5 s
470112	14T8/PRO/48-840/ IF21/G 10/1 FB	25000-105000 Hz	120-277, 347 V	14 W	0.5 s
537803	14T8/PRO/48-840/ IF21/G 10/1	25000-105000 Hz	120-277, 347 V	14 W	0.5 s
470120	14T8/PRO/48-850/ IF21/G 10/1 FB	25000-105000 Hz	120-277, 347 V	14 W	0.5 s
530469	12T8/PRO/48-830/ IF17/G 10/1 FB	25000-105000 Hz	120-277, 347 V	12 W	0.5 s
530477	12T8/PRO/48-835/ IF17/G 10/1 FB	25000-105000 Hz	120-277, 347 V	12 W	0.5 s
530485	12T8/PRO/48-840/ IF18/G 10/1 FB	25000-105000 Hz	120-277, 347 V	12 W	0.5 s
530493	12T8/PRO/48-850/ IF18/G 10/1 FB	25000-105000 Hz	120-277, 347 V	12 W	0.5 s
541986	10T8/COR/48-840/ IF16/G 25/1	25000-105000 Hz	120-277, 347 V	10 W	0.5 s
541994	10T8/COR/48-850/ IF16/G 25/1	25000-105000 Hz	120-277, 347 V	10 W	0.5 s
456566	17T8 LED/48-4000 IF G 10/1	20000-120000 Hz	120-277, 347 V	17 W	0.5 s
456574	17T8 LED/48-5000 IF G 10/1	20000-120000 Hz	120-277, 347 V	17 W	0.5 s
471748	16.5T8PRO/48-830/ BB20/G 10/1 FB	50 to 60 Hz	120-277 V	16.5 W	0.5 s
471755	16.5T8PRO/48-835/ BB20/G 10/1 FB	50 to 60 Hz	120-277 V	16.5 W	0.5 s
471763	16.5T8PRO/48-840/ BB21/G 10/1 FB	50 to 60 Hz	120-277 V	16.5 W	0.5 s
471771	16.5T8PRO/48-850/ BB21/G 10/1 FB	50 to 60 Hz	120-277 V	16.5 W	0.5 s
477315	14T8PRO/48-830/ BB17/G 10/1 FB	50 to 60 Hz	120-277 V	14 W	0.5 s
477323	14T8PRO/48-835/ BB17/G 10/1 FB	50 to 60 Hz	120-277 V	14 W	0.5 s
477331	14T8PRO/48-840/ BB18/G 10/1 FB	50 to 60 Hz	120-277 V	14 W	0.5 s
538371	14T8PRO/48-840/ BB18/G 1/4 FFP	50 to 60 Hz	120-277 V	14 W	0.5 s
477349	14T8PRO/48-850/ BB18/G 10/1 FB	50 to 60 Hz	120-277 V	14 W	0.5 s
538389	14T8PRO/48-850/ BB18/G 1/4 FFP	50 to 60 Hz	120-277 V	14 W	0.5 s
532671	12T8/PER/48-830/ BB17/G 10/1 FB	50 to 60 Hz	120-277 V	12 W	0.5 s
532689	12T8/PER/48-835/ BB17/G 10/1 FB	50 to 60 Hz	120-277 V	12 W	0.5 s

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
532697	12T8/PER/48-840/ BB18/G 10/1 FB	50 to 60 Hz	120-277 V	12 W	0.5 s
532705	12T8/PER/48-850/ BB18/G 10/1 FB	50 to 60 Hz	120-277 V	12 W	0.5 s
458364	8.5PL-C/T LED/ 26H-2700 IF 4P 1PK 10/1	20000-100000 Hz	120 V	8.5 W	0.5 s
458372	8.5PL-C/T LED/ 26H-3000 IF 4P 1PK 10/1	20000-100000 Hz	120 V	8.5 W	0.5 s
458380	8.5PL-C/T LED/ 26H-3500 IF 4P 1PK 10/1	20000-100000 Hz	120 V	8.5 W	0.5 s
458398	8.5PL-C/T LED/ 26H-4000 IF 4P 1PK 10/1	20000-100000 Hz	120 V	8.5 W	0.5 s
476069	12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1	20000-100000 Hz	25-55 V	12 W	0.5 s
476077	12PLC/T LED/32H/830/IF/4P/DIM 1PK 10/1	20000-100000 Hz	25-55 V	12 W	0.5 s
476085	12PLC/T LED/32H/835/IF/4P/DIM 1PK 10/1	20000-100000 Hz	25-55 V	12 W	0.5 s
476093	12PLC/T LED/32H/840/IF/4P/DIM 1PK 10/1	20000-100000 Hz	25-55 V	12 W	0.5 s
458406	10.5PL-C/T LED/ 26V-2700 IF 4P 1PK 10/1	20000-100000 Hz	120 V	10.5 W	0.5 s
458414	10.5PL-C/T LED/ 26V-3000 IF 4P 1PK 10/1	20000-100000 Hz	120 V	10.5 W	0.5 s
458422	10.5PL-C/T LED/ 26V-3500 IF 4P 1PK 10/1	20000-100000 Hz	120 V	10.5 W	0.5 s
458430	10.5PL-C/T LED/ 26V-4000 IF 4P 1PK 10/1	20000-100000 Hz	120 V	10.5 W	0.5 s
476101	12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1	20000-100000 Hz	25-55 V	12 W	0.5 s
476119	12PLC/T LED/32V/830/IF/4P/DIM 1PK 10/1	20000-100000 Hz	25-55 V	12 W	0.5 s
476127	12PLC/T LED/32V/835/IF/4P/DIM 1PK 10/1	20000-100000 Hz	25-55 V	12 W	0.5 s

## LED InstantFit Lamps

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
476135	12PLC/T LED/32V/840/IF/4P/DIM 1PK 10/1	20000-100000 Hz	25-55 V	12 W	0.5 s
473966	10T8 LED/48-2700 IF 1PK 10/1	20000-120000 Hz	120-277V; 347 V	10 W	0.5 s
473974	10T8 LED/48-3000 IF 1PK 10/1	20000-120000 Hz	120-277V; 347 V	10 W	0.5 s
473982	10T8 LED/48-3500 IF 1PK 10/1	20000-120000 Hz	120-277V; 347 V	10 W	0.5 s
473990	10T8 LED/48-4000 IF 1PK 10/1	20000-120000 Hz	120-277V; 347 V	10 W	0.5 s
474007	10T8 LED/48-5000 IF 1PK 10/1	20000-120000 Hz	120-277V; 347 V	10 W	0.5 s
473926	13T8 LED/48-3000 IF DIM 1PK 10/1	20000-120000 Hz	120-277V; 347 V	13 W	0.5 s
473934	13T8 LED/48-3500 IF DIM 1PK 10/1	20000-120000 Hz	120-277V; 347 V	13 W	0.5 s
473942	13T8 LED/48-4000 IF DIM 1PK 10/1	20000-120000 Hz	120-277V; 347 V	13 W	0.5 s
533729	13.5T8PER/48-840/ IF22/P/DIM CAN 10/1	20000-120000 Hz	120-277V; 347 V	13.5 W	0.5 s
473958	13T8 LED/48-5000 IF DIM 1PK 10/1	20000-120000 Hz	120-277V; 347 V	13 W	0.5 s
529511	5PL- S/LED/13H/827/IF5/P/2 P 20/1	50 to 60 Hz	120-277 V	5 W	0.5 s
529560	5PL- S/LED/13H/830/IF5/P/2 P 20/1	50 to 60 Hz	120-277 V	5 W	0.5 s
529578	5PL- S/LED/13H/835/IF5/P/2 P 20/1	50 to 60 Hz	120-277 V	5 W	0.5 s
529586	5PL- S/LED/13H/840/IF5/P/2 P 20/1	50 to 60 Hz	120-277 V	5 W	0.5 s
532309	5PL- C/LED/13H/827/IF5/P/2 P 20/1	50 to 60 Hz	120-277 V	5 W	0.5 s
532317	5PL- C/LED/13H/830/IF5/P/2 P 20/1	50 to 60 Hz	120-277 V	5 W	0.5 s
532333	5PL- C/LED/13H/835/IF5/P/2 P 20/1	50 to 60 Hz	120-277 V	5 W	0.5 s
532341	5PL- C/LED/13H/840/IF5/P/2 P 20/1	50 to 60 Hz	120-277 V	5 W	0.5 s
532358	5PL- C/LED/13V/827/IF5/P/2 P 20/1	50 to 60 Hz	120-277 V	5 W	0.5 s

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
532366	5PL- C/LED/13V/830/IF5/P/2 P 20/1	50 to 60 Hz	120-277 V	5 W	0.5 s
532374	5PL- C/LED/13V/835/IF5/P/2 P 20/1	50 to 60 Hz	120-277 V	5 W	0.5 s
532382	5PL- C/LED/13V/840/IF5/P/2 P 20/1	50 to 60 Hz	120-277 V	5 W	0.5 s
532390	5.5PL- C/LED/13H/827/IF5/P/4 P 20/1	25000-100000 Hz	14-60 V	5.5 W	0.5 s
532408	5.5PL- C/LED/13H/830/IF5/P/4 P 20/1	25000-100000 Hz	14-60 V	5.5 W	0.5 s
532416	5.5PL- C/LED/13H/835/IF5/P/4 P 20/1	25000-100000 Hz	14-60 V	5.5 W	0.5 s
532424	5.5PL- C/LED/13H/840/IF5/P/4 P 20/1	25000-100000 Hz	14-60 V	5.5 W	0.5 s
532432	5.5PL- C/LED/13V/827/IF5/P/4 P 20/1	25000-100000 Hz	14-60 V	5.5 W	0.5 s
532440	5.5PL- C/LED/13V/830/IF5/P/4 P 20/1	25000-100000 Hz	14-60 V	5.5 W	0.5 s
532457	5.5PL- C/LED/13V/835/IF5/P/4 P 20/1	25000-100000 Hz	14-60 V	5.5 W	0.5 s
532465	5.5PL- C/LED/13V/840/IF5/P/4 P 20/1	25000-100000 Hz	14-60 V	5.5 W	0.5 s
532895		40000-160000 Hz	70-110 V	16.5 W	0.5 s
532903		40000-160000 Hz	70-110 V	16.5 W	0.5 s
532911		40000-160000 Hz	70-110 V	16.5 W	0.5 s
533000		35000-150000 Hz	200-500 V	30 W	0.5 s
533018		35000-150000 Hz	200-500 V	30 W	0.5 s
533026		35000-150000 Hz	200-500 V	30 W	0.5 s
533034	30T8/PRO/96-850/ IF42/G/FA8 10/1	35000-150000 Hz	200-500 V	30 W	0.5 s
535450		50 to 60 Hz	120-277 V	8.5 W	0.9 s
535468		50 to 60 Hz	120-277 V	8.5 W	0.9 s
535476		50 to 60 Hz	120-277 V	8.5 W	0.9 s
535484		50 to 60 Hz	120-277 V	8.5 W	0.9 s
535492		50 to 60 Hz	120-277 V	11.5 W	0.9 s
535500		50 to 60 Hz	120-277 V	11.5 W	0.9 s
535518		50 to 60 Hz	120-277 V	11.5 W	0.9 s
535526		50 to 60 Hz	120-277 V	11.5 W	0.9 s
535534		50 to 60 Hz	120-277 V	15.5 W	0.9 s

## LED InstantFit Lamps

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
535542		50 to 60 Hz	120-277 V	15.5 W	0.9 s

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
535559		50 to 60 Hz	120-277 V	15.5 W	0.9 s
535567		50 to 60 Hz	120-277 V	15.5 W	0.9 s

### General Information

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
469569	10T8/48-3000 IF 10/1 TAA/NAFTA	G13	50000 h	50000 h
469577	10T8/48-3500 IF 10/1 TAA/NAFTA	G13	50000 h	50000 h
469585	10T8/48-4000 IF 10/1 TAA/NAFTA	G13	50000 h	50000 h
469593	10T8/48-5000 IF 10/1 TAA/NAFTA	G13	50000 h	50000 h
469601	14T8/48-3000 IF 10/1 DIM TAA/NAFTA	G13	50000 h	50000 h
469619	14T8/48-3500 IF 10/1 DIM TAA/NAFTA	G13	50000 h	50000 h
469627	14T8/48-4000 IF 10/1 DIM TAA/NAFTA	G13	50000 h	50000 h
469635	14T8/48-5000 IF 10/1 DIM TAA/NAFTA	G13	50000 h	50000 h
456632	16.5PL-LED/24-3000 IF 10/1	2G11	40000 h	40000 h
456657	16.5PL-LED/24-4000 IF 10/1	2G11	40000 h	40000 h
458125	16.5T8 LED/48-4000 20/1 DC Driver	G13	50000 h	50000 h
463117	20T12 EM LED/48-4000 IFG 10/1	G13	36000 h	36000 h
463125	20T12 EM LED/48-6500 IFG 10/1	G13	36000 h	36000 h
463133	16.5T8/LED/48/835 IF 10/1	G13	70000 h	70000 h
463141	16.5T8/LED/48/840 IF 10/1	G13	70000 h	70000 h
463158	16.5T8/LED/48/850 IF 10/1	G13	70000 h	70000 h
468892	16.5T8 LED/48-3000 IF 10/1 UHO	G13	70000 h	70000 h
467126	24T5HO/46-830/IF33/P/DIM 10/1	G5	50000 h	50000 h
467134	24T5HO/46-835/IF33/P/DIM 10/1	G5	50000 h	50000 h
467142	24T5HO/46-840/IF35/P/DIM 10/1	G5	50000 h	50000 h
467159	24T5HO/46-850/IF35/P/DIM 10/1	G5	50000 h	50000 h
476416	8T5HE/22-830/IF10/G/DIM 10/1	G5	50000 h	50000 h
476424	8T5HE/22-835/IF10/G/DIM 10/1	G5	50000 h	50000 h
476432	8T5HE/22-840/IF10/G/DIM 10/1	G5	50000 h	50000 h
476440	8T5HE/22-850/IF10/G/DIM 10/1	G5	50000 h	50000 h
476457	11T5HE/34-830/IF14/G/DIM 10/1	G5	50000 h	50000 h
476465	11T5HE/34-835/IF14/G/DIM 10/1	G5	50000 h	50000 h
476473	11T5HE/34-840/IF15/G/DIM 10/1	G5	50000 h	50000 h
476481	11T5HE/34-850/IF15/G/DIM 10/1	G5	50000 h	50000 h
476499	14T5HE/46-830/IF20/G/DIM 10/1	G5	50000 h	50000 h
476507	14T5HE/46-835/IF20/G/DIM 10/1	G5	50000 h	50000 h
476515	14T5HE/46-840/IF21/G/DIM 10/1	G5	50000 h	50000 h
476523	14T5HE/46-850/IF21/G/DIM 10/1	G5	50000 h	50000 h
468652	14T8/48-3000 IF 10/1 ROT	G13	50000 h	50000 h
468660	14T8/48-3500 IF 10/1 ROT	G13	50000 h	50000 h
468678	14T8/48-4000 IF 10/1 ROT	G13	50000 h	50000 h
468686	14T8/48-5000 IF 10/1 ROT	G13	50000 h	50000 h
469239	35T8/96-3000 IF FA8 10/1	FA8	50000 h	50000 h

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
469247	35T8/96-3500 IF FA8 10/1	FA8	50000 h	50000 h
469254	35T8/96-4000 IF FA8 10/1	FA8	50000 h	50000 h
469262	35T8/96-6500 IF FA8 10/1	FA8	50000 h	50000 h
469270	7T8 LED/24-3000 IF 10/1	G13	50000 h	50000 h
469288	7T8 LED/24-3500 IF 10/1	G13	50000 h	50000 h
469296	7T8 LED/24-4000 IF 10/1	G13	50000 h	50000 h
469304	7T8 LED/24-5000 IF 10/1	G13	50000 h	50000 h
469320	9T8 LED/36-3000 IF 10/1	G13	50000 h	50000 h
469338	9T8 LED/36-3500 IF 10/1	G13	50000 h	50000 h
469346	9T8 LED/36-4000 IF 10/1	G13	50000 h	50000 h
469353	9T8 LED/36-5000 IF 10/1	G13	50000 h	50000 h
469379	13T8 LED/24-3000 IF-6U 10/1	G13	50000 h	50000 h
469387	13T8 LED/24-3500 IF-6U 10/1	G13	50000 h	50000 h
469395	13T8 LED/24-4000 IF-6U 10/1	G13	50000 h	50000 h
469403	13T8 LED/24-5000 IF-6U 10/1	G13	50000 h	50000 h
470096	14T8 PRO LED/48-3000 IF G 10/1	G13	50000 h	50000 h
470096	14T8/PRO/48-830/IF20/G 10/1 FB	G13	50000 h	50000 h
470104	14T8 PRO LED/48-3500 IF G 10/1	G13	50000 h	50000 h
470104	14T8/PRO/48-835/IF20/G 10/1 FB	G13	50000 h	50000 h
470112	14T8 PRO LED/48-4000 IF G 10/1	G13	50000 h	50000 h
470112	14T8/PRO/48-840/IF21/G 10/1 FB	G13	50000 h	50000 h
537803	14T8/PRO/48-840/IF21/G 10/1	G13	50000 h	50000 h
470120	14T8/PRO/48-850/IF21/G 10/1 FB	G13	50000 h	50000 h
530469	12T8/PRO/48-830/IF17/G 10/1 FB	G13	50000 h	50000 h
530477	12T8/PRO/48-835/IF17/G 10/1 FB	G13	50000 h	50000 h
530485	12T8/PRO/48-840/IF18/G 10/1 FB	G13	50000 h	50000 h
530493	12T8/PRO/48-850/IF18/G 10/1 FB	G13	50000 h	50000 h
541986	10T8/COR/48-840/IF16/G 25/1	G13	50000 h	50000 h
541994	10T8/COR/48-850/IF16/G 25/1	G13	50000 h	50000 h
456566	17T8 LED/48-4000 IF G 10/1	G13	36000 h	36000 h
456574	17T8 LED/48-5000 IF G 10/1	G13	36000 h	36000 h
471748	16.5T8PRO/48-830/BB20/G 10/1 FB	G13	50000 h	50000 h
471755	16.5T8PRO/48-835/BB20/G 10/1 FB	G13	50000 h	50000 h
471763	16.5T8PRO/48-840/BB21/G 10/1 FB	G13	50000 h	50000 h
471771	16.5T8PRO/48-850/BB21/G 10/1 FB	G13	50000 h	50000 h
477315	14T8PRO/48-830/BB17/G 10/1 FB	G13	50000 h	50000 h
477323	14T8PRO/48-835/BB17/G 10/1 FB	G13	50000 h	50000 h
477331	14T8PRO/48-840/BB18/G 10/1 FB	G13	50000 h	50000 h
538371	14T8PRO/48-840/BB18/G 1/4 FFP	G13	36000 h	36000 h

## LED InstantFit Lamps

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)	Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
477349	14T8PRO/48-850/BB18/G 10/1 FB	G13	50000 h	50000 h	473958	13T8 LED/48-5000 IF DIM 1PK 10/1	G13	70000 h	70000 h
538389	14T8PRO/48-850/BB18/G 1/4 FFP	G13	36000 h	36000 h	529511	5PL-S/LED/13H/827/IF5/P/2P 20/1	GX23	50000 h	50000 h
532671	12T8/PER/48-830/BB17/G 10/1 FB	G13	50000 h	50000 h	529560	5PL-S/LED/13H/830/IF5/P/2P 20/1	GX23	50000 h	50000 h
532689	12T8/PER/48-835/BB17/G 10/1 FB	G13	50000 h	50000 h	529578	5PL-S/LED/13H/835/IF5/P/2P 20/1	GX23	50000 h	50000 h
532697	12T8/PER/48-840/BB18/G 10/1 FB	G13	50000 h	50000 h	529586	5PL-S/LED/13H/840/IF5/P/2P 20/1	GX23	50000 h	50000 h
532705	12T8/PER/48-850/BB18/G 10/1 FB	G13	50000 h	50000 h	532309	5PL-C/LED/13H/827/IF5/P/2P 20/1	GX23-2	50000 h	50000 h
458364	8.5PL-C/T LED/26H-2700 IF 4P 1PK 10/1	G24Q/ GX24Q	50000 h	50000 h	532317	5PL-C/LED/13H/830/IF5/P/2P 20/1	GX23-2	50000 h	50000 h
458372	8.5PL-C/T LED/26H-3000 IF 4P 1PK 10/1	G24Q/ GX24Q	50000 h	50000 h	532333	5PL-C/LED/13H/835/IF5/P/2P 20/1	GX23-2	50000 h	50000 h
458380	8.5PL-C/T LED/26H-3500 IF 4P 1PK 10/1	G24Q/ GX24Q	50000 h	50000 h	532341	5PL-C/LED/13H/840/IF5/P/2P 20/1	GX23-2	50000 h	50000 h
458398	8.5PL-C/T LED/26H-4000 IF 4P 1PK 10/1	G24Q/ GX24Q	50000 h	50000 h	532358	5PL-C/LED/13V/827/IF5/P/2P 20/1	GX23-2	50000 h	50000 h
476069	12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1	G24Q/ GX24Q	50000 h	50000 h	532366	5PL-C/LED/13V/830/IF5/P/2P 20/1	GX23-2	50000 h	50000 h
476077	12PLC/T LED/32H/830/IF/4P/DIM 1PK 10/1	G24Q/ GX24Q	50000 h	50000 h	532374	5PL-C/LED/13V/835/IF5/P/2P 20/1	GX23-2	50000 h	50000 h
476085	12PLC/T LED/32H/835/IF/4P/DIM 1PK 10/1	G24Q/ GX24Q	50000 h	50000 h	532382	5PL-C/LED/13V/840/IF5/P/2P 20/1	GX23-2	50000 h	50000 h
476093	12PLC/T LED/32H/840/IF/4P/DIM 1PK 10/1	G24Q/ GX24Q	50000 h	50000 h	532390	5.5PL-C/LED/13H/827/IF5/P/4P 20/1	G24Q	50000 h	50000 h
458406	10.5PL-C/T LED/26V-2700 IF 4P 1PK 10/1	G24Q/ GX24Q	50000 h	50000 h	532408	5.5PL-C/LED/13H/830/IF5/P/4P 20/1	G24Q	50000 h	50000 h
458414	10.5PL-C/T LED/26V-3000 IF 4P 1PK 10/1	G24Q/ GX24Q	50000 h	50000 h	532416	5.5PL-C/LED/13H/835/IF5/P/4P 20/1	G24Q	50000 h	50000 h
458422	10.5PL-C/T LED/26V-3500 IF 4P 1PK 10/1	G24Q/ GX24Q	50000 h	50000 h	532424	5.5PL-C/LED/13H/840/IF5/P/4P 20/1	G24Q	50000 h	50000 h
458430	10.5PL-C/T LED/26V-4000 IF 4P 1PK 10/1	G24Q/ GX24Q	50000 h	50000 h	532432	5.5PL-C/LED/13V/827/IF5/P/4P 20/1	G24Q	50000 h	50000 h
476101	12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1	G24Q/ GX24Q	50000 h	50000 h	532440	5.5PL-C/LED/13V/830/IF5/P/4P 20/1	G24Q	50000 h	50000 h
476119	12PLC/T LED/32V/830/IF/4P/DIM 1PK 10/1	G24Q/ GX24Q	50000 h	50000 h	532457	5.5PL-C/LED/13V/835/IF5/P/4P 20/1	G24Q	50000 h	50000 h
476127	12PLC/T LED/32V/835/IF/4P/DIM 1PK 10/1	G24Q/ GX24Q	50000 h	50000 h	532465	5.5PL-C/LED/13V/840/IF5/P/4P 20/1	G24Q	50000 h	50000 h
476135	12PLC/T LED/32V/840/IF/4P/DIM 1PK 10/1	G24Q/ GX24Q	50000 h	50000 h	532895		2G11	50000 h	50000 h
473966	10T8 LED/48-2700 IF 1PK 10/1	G13	70000 h	70000 h	532903		2G11	50000 h	50000 h
473974	10T8 LED/48-3000 IF 1PK 10/1	G13	70000 h	70000 h	532911		2G11	50000 h	50000 h
473982	10T8 LED/48-3500 IF 1PK 10/1	G13	70000 h	70000 h	533000		FA8	50000 h	50000 h
473990	10T8 LED/48-4000 IF 1PK 10/1	G13	70000 h	70000 h	533018		FA8	50000 h	50000 h
474007	10T8 LED/48-5000 IF 1PK 10/1	G13	70000 h	70000 h	533026		FA8	50000 h	50000 h
473926	13T8 LED/48-3000 IF DIM 1PK 10/1	G13	70000 h	70000 h	533034	30T8/PRO/96-850/IF42/G/FA8 10/1	FA8	50000 h	50000 h
473934	13T8 LED/48-3500 IF DIM 1PK 10/1	G13	70000 h	70000 h	535450		G13	50000 h	50000 h
473942	13T8 LED/48-4000 IF DIM 1PK 10/1	G13	70000 h	70000 h	535468		G13	50000 h	50000 h
533729	13.5T8PER/48-840/IF22/P/DIM CAN 10/1	G13	70000 h	70000 h	535476		G13	50000 h	50000 h
					535484		G13	50000 h	50000 h
					535492		G13	50000 h	50000 h
					535500		G13	50000 h	50000 h
					535518		G13	50000 h	50000 h
					535526		G13	50000 h	50000 h
					535534		2G13	50000 h	50000 h
					535542		2G13	50000 h	50000 h
					535559		2G13	50000 h	50000 h
					535567		2G13	50000 h	50000 h

# LED InstantFit Lamps

## Light Technical (1/2)

Order Code	Full Product Name	Beam Angle	Beam Angle	Correlated Color		Color Rendering		Luminous Flux (Rated)
		(Max)	(Nom)	Color Code	Temperature (Nom)	Index (Nom)	Luminous Flux (Nom)	(Nom)
469569	10T8/48-3000 IF 10/1 TAA/NAFTA	-	-	830	3000 K	82	1500 lm	1500 lm
469577	10T8/48-3500 IF 10/1 TAA/NAFTA	-	-	835	3500 K	82	1500 lm	1500 lm
469585	10T8/48-4000 IF 10/1 TAA/NAFTA	-	-	841	4000 K	82	1600 lm	1600 lm
469593	10T8/48-5000 IF 10/1 TAA/NAFTA	-	-	850	5000 K	82	1600 lm	1600 lm
469601	14T8/48-3000 IF 10/1 DIM TAA/NAFTA	-	-	830	3000 K	82	2000 lm	2000 lm
469619	14T8/48-3500 IF 10/1 DIM TAA/NAFTA	-	-	835	3500 K	82	2000 lm	2000 lm
469627	14T8/48-4000 IF 10/1 DIM TAA/NAFTA	-	-	841	4000 K	82	2100 lm	2100 lm
469635	14T8/48-5000 IF 10/1 DIM TAA/NAFTA	-	-	850	5000 K	82	2100 lm	2100 lm
456632	16.5PL-LED/24-3000 IF 10/1	-	160 °	830	3000 K	82	1900 lm	1900 lm
456657	16.5PL-LED/24-4000 IF 10/1	-	160 °	841	4000 K	82	2100 lm	2100 lm
458125	16.5T8 LED/48-4000 20/1 DC Driver	-	160 °	841	4000 K	82	2100 lm	2100 lm
463117	20T12 EM LED/48-4000 IFG 10/1	-	240 °	841	4000 K	82	2100 lm	2100 lm
463125	20T12 EM LED/48-6500 IFG 10/1	-	240 °	865	6500 K	82	2100 lm	2100 lm
463133	16.5T8/LED/48/835 IF 10/1	-	-	835	3500 K	82	2400 lm	2400 lm
463141	16.5T8/LED/48/840 IF 10/1	-	-	841	4000 K	82	2500 lm	2500 lm
463158	16.5T8/LED/48/850 IF 10/1	-	160 °	850	5000 K	82	2500 lm	2500 lm
468892	16.5T8 LED/48-3000 IF 10/1 UHO	160 °	160 °	830	3000 K	82	2300 lm	2300 lm
467126	24T5HO/46-830/IF33/P/DIM 10/1	-	-	830	3000 K	82	3300 lm	3300 lm
467134	24T5HO/46-835/IF33/P/DIM 10/1	-	-	835	3500 K	82	3300 lm	3300 lm
467142	24T5HO/46-840/IF35/P/DIM 10/1	-	-	841	4000 K	82	3500 lm	3500 lm
467159	24T5HO/46-850/IF35/P/DIM 10/1	-	-	850	5000 K	82	3500 lm	3500 lm
476416	8T5HE/22-830/IF10/G/DIM 10/1	-	200 °	830	3000 K	82	1000 lm	1000 lm
476424	8T5HE/22-835/IF10/G/DIM 10/1	-	200 °	835	3500 K	82	1000 lm	1000 lm
476432	8T5HE/22-840/IF10/G/DIM 10/1	-	200 °	841	4000 K	82	1050 lm	1050 lm
476440	8T5HE/22-850/IF10/G/DIM 10/1	-	200 °	850	5000 K	82	1050 lm	1050 lm
476457	11T5HE/34-830/IF14/G/DIM 10/1	-	200 °	830	3000 K	82	1400 lm	1400 lm
476465	11T5HE/34-835/IF14/G/DIM 10/1	-	200 °	835	3500 K	82	1400 lm	1400 lm
476473	11T5HE/34-840/IF15/G/DIM 10/1	-	200 °	841	4000 K	82	1500 lm	1500 lm
476481	11T5HE/34-850/IF15/G/DIM 10/1	-	200 °	850	5000 K	82	1500 lm	1500 lm
476499	14T5HE/46-830/IF20/G/DIM 10/1	-	200 °	830	3000 K	82	2000 lm	2000 lm
476507	14T5HE/46-835/IF20/G/DIM 10/1	-	200 °	835	3500 K	82	2000 lm	2000 lm
476515	14T5HE/46-840/IF21/G/DIM 10/1	-	200 °	841	4000 K	82	2100 lm	2100 lm
476523	14T5HE/46-850/IF21/G/DIM 10/1	-	200 °	850	5000 K	82	2100 lm	2100 lm
468652	14T8/48-3000 IF 10/1 ROT	-	-	830	3000 K	82	2000 lm	2000 lm
468660	14T8/48-3500 IF 10/1 ROT	-	-	835	3500 K	82	2000 lm	2000 lm
468678	14T8/48-4000 IF 10/1 ROT	-	-	841	4000 K	82	2100 lm	2100 lm
468686	14T8/48-5000 IF 10/1 ROT	-	-	850	5000 K	82	2100 lm	2100 lm
469239	35T8/96-3000 IF FA8 10/1	-	-	830	3000 K	82	3900 lm	3900 lm
469247	35T8/96-3500 IF FA8 10/1	-	-	835	3500 K	82	4000 lm	4000 lm
469254	35T8/96-4000 IF FA8 10/1	-	-	841	4000 K	82	4200 lm	4200 lm
469262	35T8/96-6500 IF FA8 10/1	-	-	865	6500 K	82	4200 lm	4200 lm
469270	7T8 LED/24-3000 IF 10/1	-	-	830	3000 K	82	1050 lm	1050 lm
469288	7T8 LED/24-3500 IF 10/1	-	-	835	3500 K	82	1050 lm	1050 lm
469296	7T8 LED/24-4000 IF 10/1	-	-	841	4000 K	82	1150 lm	1150 lm
469304	7T8 LED/24-5000 IF 10/1	-	-	850	5000 K	82	1150 lm	1150 lm
469320	9T8 LED/36-3000 IF 10/1	-	-	830	3000 K	82	1100 lm	1100 lm
469338	9T8 LED/36-3500 IF 10/1	-	-	835	3500 K	82	1100 lm	1100 lm
469346	9T8 LED/36-4000 IF 10/1	-	-	841	4000 K	82	1200 lm	1200 lm
469353	9T8 LED/36-5000 IF 10/1	-	-	850	5000 K	82	1200 lm	1200 lm
469379	13T8 LED/24-3000 IF-6U 10/1	-	-	830	3000 K	82	2000 lm	2000 lm

## LED InstantFit Lamps

Order Code	Full Product Name	Beam Angle	Beam Angle	Correlated Color		Color Rendering		Luminous Flux (Rated)
		(Max)	(Nom)	Color Code	Temperature (Nom)	Index (Nom)	Luminous Flux (Nom)	(Nom)
469387	13T8 LED/24-3500 IF-6U 10/1	-	-	835	3500 K	82	2000 lm	2000 lm
469395	13T8 LED/24-4000 IF-6U 10/1	-	-	841	4000 K	82	2100 lm	2100 lm
469403	13T8 LED/24-5000 IF-6U 10/1	-	-	850	5000 K	82	2100 lm	2100 lm
470096	14T8 PRO LED/48-3000 IF G 10/1	-	-	830	3000 K	80	2000 lm	2000 lm
470096	14T8/PRO/48-830/IF20/G 10/1 FB	-	-	830	3000 K	82	2000 lm	2000 lm
470104	14T8 PRO LED/48-3500 IF G 10/1	-	-	835	3500 K	80	2000 lm	2000 lm
470104	14T8/PRO/48-835/IF20/G 10/1 FB	-	-	835	3500 K	82	2000 lm	2000 lm
470112	14T8 PRO LED/48-4000 IF G 10/1	-	-	841	4000 K	80	2100 lm	2100 lm
470112	14T8/PRO/48-840/IF21/G 10/1 FB	-	-	841	4000 K	82	2100 lm	2100 lm
537803	14T8/PRO/48-840/IF21/G 10/1	-	-	841	4000 K	82	2100 lm	2100 lm
470120	14T8/PRO/48-850/IF21/G 10/1 FB	-	-	850	5000 K	82	2100 lm	2100 lm
530469	12T8/PRO/48-830/IF17/G 10/1 FB	-	-	830	3000 K	82	1700 lm	1700 lm
530477	12T8/PRO/48-835/IF17/G 10/1 FB	-	-	835	3500 K	82	1700 lm	1700 lm
530485	12T8/PRO/48-840/IF18/G 10/1 FB	-	-	841	4000 K	82	1800 lm	1800 lm
530493	12T8/PRO/48-850/IF18/G 10/1 FB	-	-	850	5000 K	82	1800 lm	1800 lm
541986	10T8/COR/48-840/IF16/G 25/1	-	-	841	4000 K	82	1600 lm	1600 lm
541994	10T8/COR/48-850/IF16/G 25/1	-	-	850	5000 K	82	1600 lm	1600 lm
456566	17T8 LED/48-4000 IF G 10/1	-	-	841	4000 K	80	2100 lm	2100 lm
456574	17T8 LED/48-5000 IF G 10/1	-	240 °	850	5000 K	80	2100 lm	2100 lm
471748	16.5T8PRO/48-830/BB20/G 10/1 FB	-	240 °	830	3000 K	80	2000 lm	2000 lm
471755	16.5T8PRO/48-835/BB20/G 10/1 FB	-	240 °	835	3500 K	80	2000 lm	2000 lm
471763	16.5T8PRO/48-840/BB21/G 10/1 FB	-	240 °	841	4000 K	80	2100 lm	2100 lm
471771	16.5T8PRO/48-850/BB21/G 10/1 FB	-	240 °	850	5000 K	80	2100 lm	2100 lm
477315	14T8PRO/48-830/BB17/G 10/1 FB	-	240 °	830	3000 K	80	1700 lm	1700 lm
477323	14T8PRO/48-835/BB17/G 10/1 FB	-	240 °	835	3500 K	80	1700 lm	1700 lm
477331	14T8PRO/48-840/BB18/G 10/1 FB	-	240 °	841	4000 K	80	1800 lm	1800 lm
538371	14T8PRO/48-840/BB18/G 1/4 FFP	-	240 °	841	4000 K	80	1800 lm	1800 lm
477349	14T8PRO/48-850/BB18/G 10/1 FB	-	240 °	850	5000 K	80	1800 lm	1800 lm
538389	14T8PRO/48-850/BB18/G 1/4 FFP	-	240 °	850	5000 K	80	1800 lm	1800 lm
532671	12T8/PER/48-830/BB17/G 10/1 FB	-	240 °	830	3000 K	80	1700 lm	1700 lm
532689	12T8/PER/48-835/BB17/G 10/1 FB	-	240 °	835	3500 K	80	1700 lm	1700 lm
532697	12T8/PER/48-840/BB18/G 10/1 FB	-	240 °	841	4000 K	80	1800 lm	1800 lm
532705	12T8/PER/48-850/BB18/G 10/1 FB	-	240 °	850	5000 K	80	1800 lm	1800 lm
458364	8.5PL-C/T LED/26H-2700 IF 4P 1PK 10/1	-	-	827	2700 K	82	850 lm	850 lm
458372	8.5PL-C/T LED/26H-3000 IF 4P 1PK 10/1	-	-	830	3000 K	82	900 lm	900 lm
458380	8.5PL-C/T LED/26H-3500 IF 4P 1PK 10/1	-	-	835	3500 K	82	900 lm	900 lm
458398	8.5PL-C/T LED/26H-4000 IF 4P 1PK 10/1	-	-	841	4000 K	82	950 lm	950 lm
476069	12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1	-	-	827	2700 K	82	1300 lm	1300 lm
476077	12PLC/T LED/32H/830/IF/4P/DIM 1PK 10/1	-	-	830	3000 K	82	1350 lm	1350 lm
476085	12PLC/T LED/32H/835/IF/4P/DIM 1PK 10/1	-	-	835	3500 K	82	1400 lm	1400 lm
476093	12PLC/T LED/32H/840/IF/4P/DIM 1PK 10/1	-	-	841	4000 K	82	1450 lm	1450 lm
458406	10.5PL-C/T LED/26V-2700 IF 4P 1PK 10/1	-	-	827	2700 K	82	1200 lm	1200 lm
458414	10.5PL-C/T LED/26V-3000 IF 4P 1PK 10/1	-	-	830	3000 K	82	1200 lm	1200 lm
458422	10.5PL-C/T LED/26V-3500 IF 4P 1PK 10/1	-	-	835	3500 K	82	1200 lm	1200 lm
458430	10.5PL-C/T LED/26V-4000 IF 4P 1PK 10/1	-	-	841	4000 K	82	1300 lm	1300 lm
476101	12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1	-	-	827	2700 K	82	1350 lm	1350 lm
476119	12PLC/T LED/32V/830/IF/4P/DIM 1PK 10/1	-	-	830	3000 K	82	1400 lm	1400 lm
476127	12PLC/T LED/32V/835/IF/4P/DIM 1PK 10/1	-	-	835	3500 K	82	1450 lm	1450 lm
476135	12PLC/T LED/32V/840/IF/4P/DIM 1PK 10/1	-	-	841	4000 K	82	1500 lm	1500 lm
473966	10T8 LED/48-2700 IF 1PK 10/1	-	-	827	2700 K	82	1400 lm	1400 lm
473974	10T8 LED/48-3000 IF 1PK 10/1	-	-	830	3000 K	82	1500 lm	1500 lm

## LED InstantFit Lamps

Order Code	Full Product Name	Beam Angle	Beam Angle	Correlated Color		Color Rendering		Luminous Flux (Rated)
		(Max)	(Nom)	Color Code	Temperature (Nom)	Index (Nom)	Luminous Flux (Nom)	(Nom)
473982	10T8 LED/48-3500 IF 1PK 10/1	-	-	835	3500 K	82	1500 lm	1500 lm
473990	10T8 LED/48-4000 IF 1PK 10/1	-	-	841	4000 K	82	1600 lm	1600 lm
474007	10T8 LED/48-5000 IF 1PK 10/1	-	-	850	5000 K	82	1600 lm	1600 lm
473926	13T8 LED/48-3000 IF DIM 1PK 10/1	-	-	830	3000 K	82	2000 lm	2000 lm
473934	13T8 LED/48-3500 IF DIM 1PK 10/1	-	-	835	3500 K	82	2000 lm	2000 lm
473942	13T8 LED/48-4000 IF DIM 1PK 10/1	-	-	841	4000 K	82	2100 lm	2100 lm
533729	13.5T8PER/48-840/IF22/P/DIM CAN 10/1	-	-	841	4000 K	82	2200 lm	2200 lm
473958	13T8 LED/48-5000 IF DIM 1PK 10/1	-	-	850	5000 K	82	2100 lm	2100 lm
529511	5PL-S/LED/13H/827/IF5/P/2P 20/1	-	120 °	827	2700 K	82	520 lm	520 lm
529560	5PL-S/LED/13H/830/IF5/P/2P 20/1	-	120 °	830	3000 K	82	540 lm	540 lm
529578	5PL-S/LED/13H/835/IF5/P/2P 20/1	-	120 °	835	3500 K	82	560 lm	560 lm
529586	5PL-S/LED/13H/840/IF5/P/2P 20/1	-	120 °	841	4000 K	82	580 lm	580 lm
532309	5PL-C/LED/13H/827/IF5/P/2P 20/1	-	150 °	827	2700 K	82	520 lm	520 lm
532317	5PL-C/LED/13H/830/IF5/P/2P 20/1	-	150 °	830	3000 K	82	550 lm	550 lm
532333	5PL-C/LED/13H/835/IF5/P/2P 20/1	-	150 °	835	3500 K	82	550 lm	550 lm
532341	5PL-C/LED/13H/840/IF5/P/2P 20/1	-	150 °	841	4000 K	82	580 lm	580 lm
532358	5PL-C/LED/13V/827/IF5/P/2P 20/1	-	150 °	827	2700 K	82	520 lm	520 lm
532366	5PL-C/LED/13V/830/IF5/P/2P 20/1	-	150 °	830	3000 K	82	550 lm	550 lm
532374	5PL-C/LED/13V/835/IF5/P/2P 20/1	-	150 °	835	3500 K	82	550 lm	550 lm
532382	5PL-C/LED/13V/840/IF5/P/2P 20/1	-	150 °	841	4000 K	82	580 lm	580 lm
532390	5.5PL-C/LED/13H/827/IF5/P/4P 20/1	-	150 °	827	2700 K	82	520 lm	520 lm
532408	5.5PL-C/LED/13H/830/IF5/P/4P 20/1	-	150 °	830	3000 K	82	550 lm	550 lm
532416	5.5PL-C/LED/13H/835/IF5/P/4P 20/1	-	150 °	835	3500 K	82	550 lm	550 lm
532424	5.5PL-C/LED/13H/840/IF5/P/4P 20/1	-	150 °	841	4000 K	82	580 lm	580 lm
532432	5.5PL-C/LED/13V/827/IF5/P/4P 20/1	-	150 °	827	2700 K	82	520 lm	520 lm
532440	5.5PL-C/LED/13V/830/IF5/P/4P 20/1	-	150 °	830	3000 K	82	550 lm	550 lm
532457	5.5PL-C/LED/13V/835/IF5/P/4P 20/1	-	150 °	835	3500 K	82	550 lm	550 lm
532465	5.5PL-C/LED/13V/840/IF5/P/4P 20/1	-	150 °	841	4000 K	82	580 lm	580 lm
532895		-	160 °	830	3000 K	82	2200 lm	2200 lm
532903		-	160 °	835	3500 K	82	2200 lm	2200 lm
532911		-	160 °	841	4000 K	82	2300 lm	2300 lm
533000		-	240 °	830	3000 K	80	3950 lm	3950 lm
533018		-	240 °	835	3500 K	80	3950 lm	3950 lm
533026		-	240 °	841	4000 K	80	4200 lm	4200 lm
533034	30T8/PRO/96-850/IF42/G/FA8 10/1	-	240 °	850	5000 K	80	4200 lm	4200 lm
535450		-	180 °	830	3000 K	82	1100 lm	1100 lm
535468		-	180 °	835	3500 K	82	1100 lm	1100 lm
535476		-	180 °	841	4000 K	82	1150 lm	1150 lm
535484		-	180 °	850	5000 K	82	1150 lm	1150 lm
535492		-	180 °	830	3000 K	82	1300 lm	1300 lm
535500		-	180 °	835	3500 K	82	1300 lm	1300 lm
535518		-	180 °	841	4000 K	82	1400 lm	1400 lm
535526		-	180 °	850	5000 K	82	1400 lm	1400 lm
535534		-	180 °	830	3000 K	82	2000 lm	2000 lm
535542		-	180 °	835	3500 K	82	2000 lm	2000 lm
535559		-	180 °	841	4000 K	82	2100 lm	2100 lm
535567		-	180 °	850	5000 K	82	2100 lm	2100 lm

### Light Technical (2/2)

## LED InstantFit Lamps

Order Code	Full Product Name	Rated Beam Angle	Order Code	Full Product Name	Rated Beam Angle
469569	10T8/48-3000 IF 10/1 TAA/NAFTA	-	469403	13T8 LED/24-5000 IF-6U 10/1	-
469577	10T8/48-3500 IF 10/1 TAA/NAFTA	-	470096	14T8 PRO LED/48-3000 IF G 10/1	-
469585	10T8/48-4000 IF 10/1 TAA/NAFTA	-	470096	14T8/PRO/48-830/IF20/G 10/1 FB	-
469593	10T8/48-5000 IF 10/1 TAA/NAFTA	-	470104	14T8 PRO LED/48-3500 IF G 10/1	-
469601	14T8/48-3000 IF 10/1 DIM TAA/NAFTA	-	470104	14T8/PRO/48-835/IF20/G 10/1 FB	-
469619	14T8/48-3500 IF 10/1 DIM TAA/NAFTA	-	470112	14T8 PRO LED/48-4000 IF G 10/1	-
469627	14T8/48-4000 IF 10/1 DIM TAA/NAFTA	-	470112	14T8/PRO/48-840/IF21/G 10/1 FB	-
469635	14T8/48-5000 IF 10/1 DIM TAA/NAFTA	-	537803	14T8/PRO/48-840/IF21/G 10/1	-
456632	16.5PL-LED/24-3000 IF 10/1	160 °	470120	14T8/PRO/48-850/IF21/G 10/1 FB	-
456657	16.5PL-LED/24-4000 IF 10/1	160 °	530469	12T8/PRO/48-830/IF17/G 10/1 FB	-
458125	16.5T8 LED/48-4000 20/1 DC Driver	160 °	530477	12T8/PRO/48-835/IF17/G 10/1 FB	-
463117	20T12 EM LED/48-4000 IFG 10/1	240 °	530485	12T8/PRO/48-840/IF18/G 10/1 FB	-
463125	20T12 EM LED/48-6500 IFG 10/1	240 °	530493	12T8/PRO/48-850/IF18/G 10/1 FB	-
463133	16.5T8/LED/48/835 IF 10/1	-	541986	10T8/COR/48-840/IF16/G 25/1	-
463141	16.5T8/LED/48/840 IF 10/1	-	541994	10T8/COR/48-850/IF16/G 25/1	-
463158	16.5T8/LED/48/850 IF 10/1	160 °	456566	17T8 LED/48-4000 IF G 10/1	-
468892	16.5T8 LED/48-3000 IF 10/1 UHO	160 °	456574	17T8 LED/48-5000 IF G 10/1	240 °
467126	24T5HO/46-830/IF33/P/DIM 10/1	-	471748	16.5T8PRO/48-830/BB20/G 10/1 FB	240 °
467134	24T5HO/46-835/IF33/P/DIM 10/1	-	471755	16.5T8PRO/48-835/BB20/G 10/1 FB	240 °
467142	24T5HO/46-840/IF35/P/DIM 10/1	-	471763	16.5T8PRO/48-840/BB21/G 10/1 FB	240 °
467159	24T5HO/46-850/IF35/P/DIM 10/1	-	471771	16.5T8PRO/48-850/BB21/G 10/1 FB	240 °
476416	8T5HE/22-830/IF10/G/DIM 10/1	200 °	477315	14T8PRO/48-830/BB17/G 10/1 FB	240 °
476424	8T5HE/22-835/IF10/G/DIM 10/1	200 °	477323	14T8PRO/48-835/BB17/G 10/1 FB	240 °
476432	8T5HE/22-840/IF10/G/DIM 10/1	200 °	477331	14T8PRO/48-840/BB18/G 10/1 FB	240 °
476440	8T5HE/22-850/IF10/G/DIM 10/1	200 °	538371	14T8PRO/48-840/BB18/G 1/4 FFP	240 °
476457	11T5HE/34-830/IF14/G/DIM 10/1	200 °	477349	14T8PRO/48-850/BB18/G 10/1 FB	240 °
476465	11T5HE/34-835/IF14/G/DIM 10/1	200 °	538389	14T8PRO/48-850/BB18/G 1/4 FFP	240 °
476473	11T5HE/34-840/IF15/G/DIM 10/1	200 °	532671	12T8/PER/48-830/BB17/G 10/1 FB	240 °
476481	11T5HE/34-850/IF15/G/DIM 10/1	200 °	532689	12T8/PER/48-835/BB17/G 10/1 FB	240 °
476499	14T5HE/46-830/IF20/G/DIM 10/1	200 °	532697	12T8/PER/48-840/BB18/G 10/1 FB	240 °
476507	14T5HE/46-835/IF20/G/DIM 10/1	200 °	532705	12T8/PER/48-850/BB18/G 10/1 FB	240 °
476515	14T5HE/46-840/IF21/G/DIM 10/1	200 °	458364	8.5PL-C/T LED/26H-2700 IF 4P 1PK 10/1	-
476523	14T5HE/46-850/IF21/G/DIM 10/1	200 °	458372	8.5PL-C/T LED/26H-3000 IF 4P 1PK 10/1	-
468652	14T8/48-3000 IF 10/1 ROT	-	458380	8.5PL-C/T LED/26H-3500 IF 4P 1PK 10/1	-
468660	14T8/48-3500 IF 10/1 ROT	-	458398	8.5PL-C/T LED/26H-4000 IF 4P 1PK 10/1	-
468678	14T8/48-4000 IF 10/1 ROT	-	476069	12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1	-
468686	14T8/48-5000 IF 10/1 ROT	-	476077	12PLC/T LED/32H/830/IF/4P/DIM 1PK 10/1	-
469239	35T8/96-3000 IF FA8 10/1	-	476085	12PLC/T LED/32H/835/IF/4P/DIM 1PK 10/1	-
469247	35T8/96-3500 IF FA8 10/1	-	476093	12PLC/T LED/32H/840/IF/4P/DIM 1PK 10/1	-
469254	35T8/96-4000 IF FA8 10/1	-	458406	10.5PL-C/T LED/26V-2700 IF 4P 1PK 10/1	-
469262	35T8/96-6500 IF FA8 10/1	-	458414	10.5PL-C/T LED/26V-3000 IF 4P 1PK 10/1	-
469270	7T8 LED/24-3000 IF 10/1	-	458422	10.5PL-C/T LED/26V-3500 IF 4P 1PK 10/1	-
469288	7T8 LED/24-3500 IF 10/1	-	458430	10.5PL-C/T LED/26V-4000 IF 4P 1PK 10/1	-
469296	7T8 LED/24-4000 IF 10/1	-	476101	12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1	-
469304	7T8 LED/24-5000 IF 10/1	-	476119	12PLC/T LED/32V/830/IF/4P/DIM 1PK 10/1	-
469320	9T8 LED/36-3000 IF 10/1	-	476127	12PLC/T LED/32V/835/IF/4P/DIM 1PK 10/1	-
469338	9T8 LED/36-3500 IF 10/1	-	476135	12PLC/T LED/32V/840/IF/4P/DIM 1PK 10/1	-
469346	9T8 LED/36-4000 IF 10/1	-	473966	10T8 LED/48-2700 IF 1PK 10/1	-
469353	9T8 LED/36-5000 IF 10/1	-	473974	10T8 LED/48-3000 IF 1PK 10/1	-
469379	13T8 LED/24-3000 IF-6U 10/1	-	473982	10T8 LED/48-3500 IF 1PK 10/1	-
469387	13T8 LED/24-3500 IF-6U 10/1	-	473990	10T8 LED/48-4000 IF 1PK 10/1	-
469395	13T8 LED/24-4000 IF-6U 10/1	-	474007	10T8 LED/48-5000 IF 1PK 10/1	-

## LED InstantFit Lamps

Order Code	Full Product Name	Rated Beam Angle
473926	13T8 LED/48-3000 IF DIM 1PK 10/1	-
473934	13T8 LED/48-3500 IF DIM 1PK 10/1	-
473942	13T8 LED/48-4000 IF DIM 1PK 10/1	-
533729	13.5T8PER/48-840/IF22/P/DIM CAN 10/1	-
473958	13T8 LED/48-5000 IF DIM 1PK 10/1	-
529511	5PL-S/LED/13H/827/IF5/P/2P 20/1	120 °
529560	5PL-S/LED/13H/830/IF5/P/2P 20/1	120 °
529578	5PL-S/LED/13H/835/IF5/P/2P 20/1	120 °
529586	5PL-S/LED/13H/840/IF5/P/2P 20/1	120 °
532309	5PL-C/LED/13H/827/IF5/P/2P 20/1	150 °
532317	5PL-C/LED/13H/830/IF5/P/2P 20/1	150 °
532333	5PL-C/LED/13H/835/IF5/P/2P 20/1	150 °
532341	5PL-C/LED/13H/840/IF5/P/2P 20/1	150 °
532358	5PL-C/LED/13V/827/IF5/P/2P 20/1	150 °
532366	5PL-C/LED/13V/830/IF5/P/2P 20/1	150 °
532374	5PL-C/LED/13V/835/IF5/P/2P 20/1	150 °
532382	5PL-C/LED/13V/840/IF5/P/2P 20/1	150 °
532390	5.5PL-C/LED/13H/827/IF5/P/4P 20/1	150 °
532408	5.5PL-C/LED/13H/830/IF5/P/4P 20/1	150 °
532416	5.5PL-C/LED/13H/835/IF5/P/4P 20/1	150 °
532424	5.5PL-C/LED/13H/840/IF5/P/4P 20/1	150 °
532432	5.5PL-C/LED/13V/827/IF5/P/4P 20/1	150 °

Order Code	Full Product Name	Rated Beam Angle
532440	5.5PL-C/LED/13V/830/IF5/P/4P 20/1	150 °
532457	5.5PL-C/LED/13V/835/IF5/P/4P 20/1	150 °
532465	5.5PL-C/LED/13V/840/IF5/P/4P 20/1	150 °
532895		160 °
532903		160 °
532911		160 °
533000		240 °
533018		240 °
533026		240 °
533034	30T8/PRO/96-850/IF42/G/FA8 10/1	240 °
535450		180 °
535468		180 °
535476		180 °
535484		180 °
535492		180 °
535500		180 °
535518		180 °
535526		180 °
535534		180 °
535542		180 °
535559		180 °
535567		180 °

## Temperature

Order Code	Full Product Name	T-Ambient (Max)	T-Ambient (Min)	T-Case Maximum (Nom)
469569	10T8/48-3000 IF 10/1 TAA/ NAFTA	45 °C	-20 °C	40 °C
469577	10T8/48-3500 IF 10/1 TAA/ NAFTA	45 °C	-20 °C	40 °C
469585	10T8/48-4000 IF 10/1 TAA/ NAFTA	45 °C	-20 °C	40 °C
469593	10T8/48-5000 IF 10/1 TAA/ NAFTA	45 °C	-20 °C	40 °C
469601	14T8/48-3000 IF 10/1 DIM TAA/ NAFTA	45 °C	-20 °C	45 °C
469619	14T8/48-3500 IF 10/1 DIM TAA/ NAFTA	45 °C	-20 °C	45 °C
469627	14T8/48-4000 IF 10/1 DIM TAA/ NAFTA	45 °C	-20 °C	45 °C
469635	14T8/48-5000 IF 10/1 DIM TAA/ NAFTA	45 °C	-20 °C	45 °C
456632	16.5PL-LED/24-3000 IF 10/1	45 °C	-20 °C	65 °C
456657	16.5PL-LED/24-4000 IF 10/1	45 °C	-20 °C	65 °C
458125	16.5T8 LED/48-4000 20/1 DC Driver	45 °C	-20 °C	45 °C
463117	20T12 EM LED/48-4000 IFG 10/1	35 °C	-20 °C	65 °C
463125	20T12 EM LED/48-6500 IFG 10/1	35 °C	-20 °C	65 °C
463133	16.5T8/LED/48/835 IF 10/1	-	-	45 °C
463141	16.5T8/LED/48/840 IF 10/1	-	-	45 °C

Order Code	Full Product Name	T-Ambient (Max)	T-Ambient (Min)	T-Case Maximum (Nom)
463158	16.5T8/LED/48/850 IF 10/1	-	-	45 °C
468892	16.5T8 LED/48-3000 IF 10/1 UHO	55 °C	-20 °C	45 °C
467126	24T5HO/46-830/IF33/P/DIM 10/1	45 °C	-20 °C	-
467134	24T5HO/46-835/IF33/P/DIM 10/1	45 °C	-20 °C	-
467142	24T5HO/46-840/IF35/P/DIM 10/1	45 °C	-20 °C	-
467159	24T5HO/46-850/IF35/P/DIM 10/1	45 °C	-20 °C	-
476416	8T5HE/22-830/IF10/G/DIM 10/1	45 °C	-20 °C	70 °C
476424	8T5HE/22-835/IF10/G/DIM 10/1	45 °C	-20 °C	70 °C
476432	8T5HE/22-840/IF10/G/DIM 10/1	45 °C	-20 °C	70 °C
476440	8T5HE/22-850/IF10/G/DIM 10/1	45 °C	-20 °C	70 °C
476457	11T5HE/34-830/IF14/G/DIM 10/1	45 °C	-20 °C	70 °C
476465	11T5HE/34-835/IF14/G/DIM 10/1	45 °C	-20 °C	70 °C
476473	11T5HE/34-840/IF15/G/DIM 10/1	45 °C	-20 °C	70 °C
476481	11T5HE/34-850/IF15/G/DIM 10/1	45 °C	-20 °C	70 °C
476499	14T5HE/46-830/IF20/G/DIM 10/1	45 °C	-20 °C	70 °C
476507	14T5HE/46-835/IF20/G/DIM 10/1	45 °C	-20 °C	70 °C
476515	14T5HE/46-840/IF21/G/DIM 10/1	45 °C	-20 °C	70 °C
476523	14T5HE/46-850/IF21/G/DIM 10/1	45 °C	-20 °C	70 °C
468652	14T8/48-3000 IF 10/1 ROT	45 °C	-20 °C	45 °C
468660	14T8/48-3500 IF 10/1 ROT	45 °C	-20 °C	45 °C
468678	14T8/48-4000 IF 10/1 ROT	45 °C	-20 °C	45 °C
468686	14T8/48-5000 IF 10/1 ROT	45 °C	-20 °C	45 °C
469239	35T8/96-3000 IF FA8 10/1	-	-	-

## LED InstantFit Lamps

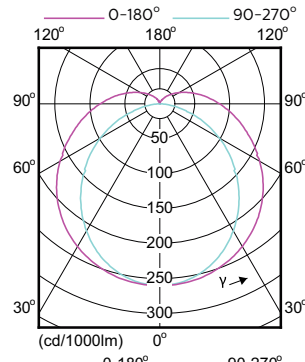
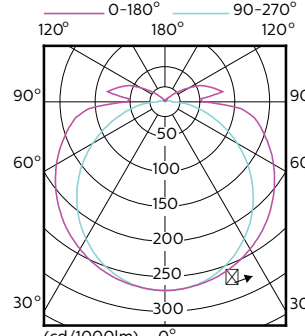
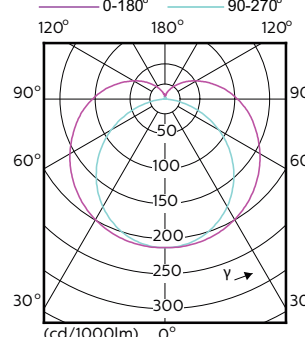
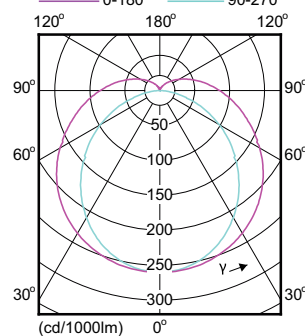
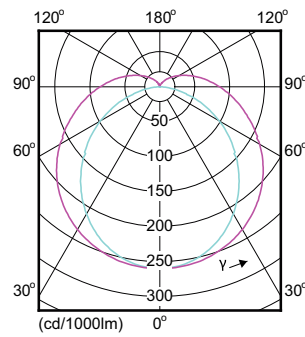
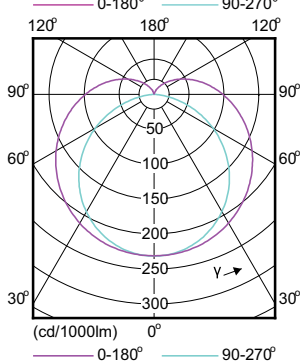
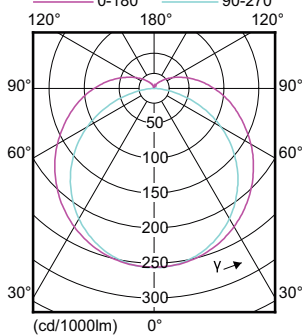
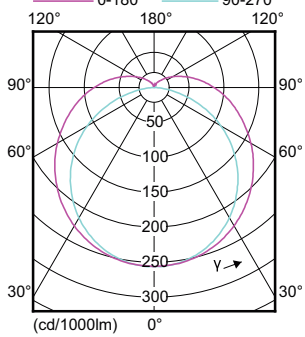
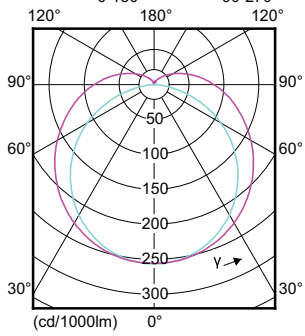
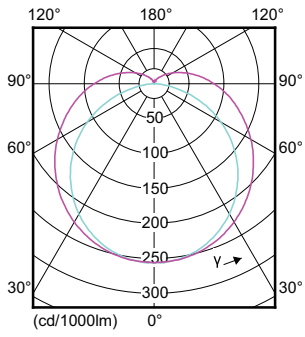
Order Code	Full Product Name	T-Ambient (Max)	T-Ambient (Min)	T-Case Maximum (Nom)
469247	35T8/96-3500 IF FA8 10/1	-	-	-
469254	35T8/96-4000 IF FA8 10/1	-	-	-
469262	35T8/96-6500 IF FA8 10/1	-	-	-
469270	7T8 LED/24-3000 IF 10/1	45 °C	-20 °C	50 °C
469288	7T8 LED/24-3500 IF 10/1	45 °C	-20 °C	50 °C
469296	7T8 LED/24-4000 IF 10/1	45 °C	-20 °C	50 °C
469304	7T8 LED/24-5000 IF 10/1	45 °C	-20 °C	50 °C
469320	9T8 LED/36-3000 IF 10/1	45 °C	-20 °C	50 °C
469338	9T8 LED/36-3500 IF 10/1	45 °C	-20 °C	50 °C
469346	9T8 LED/36-4000 IF 10/1	45 °C	-20 °C	50 °C
469353	9T8 LED/36-5000 IF 10/1	45 °C	-20 °C	50 °C
469379	13T8 LED/24-3000 IF-6U 10/1	45 °C	-20 °C	50 °C
469387	13T8 LED/24-3500 IF-6U 10/1	45 °C	-20 °C	50 °C
469395	13T8 LED/24-4000 IF-6U 10/1	45 °C	-20 °C	50 °C
469403	13T8 LED/24-5000 IF-6U 10/1	45 °C	-20 °C	50 °C
470096	14T8 PRO LED/48-3000 IF G 10/1	45 °C	-20 °C	50 °C
470096	14T8/PRO/48-830/IF20/G 10/1 FB	45 °C	-20 °C	50 °C
470104	14T8 PRO LED/48-3500 IF G 10/1	45 °C	-20 °C	50 °C
470104	14T8/PRO/48-835/IF20/G 10/1 FB	45 °C	-20 °C	50 °C
470112	14T8 PRO LED/48-4000 IF G 10/1	45 °C	-20 °C	50 °C
470112	14T8/PRO/48-840/IF21/G 10/1 FB	45 °C	-20 °C	50 °C
537803	14T8/PRO/48-840/IF21/G 10/1	45 °C	-20 °C	50 °C
470120	14T8/PRO/48-850/IF21/G 10/1 FB	45 °C	-20 °C	50 °C
530469	12T8/PRO/48-830/IF17/G 10/1 FB	45 °C	-20 °C	50 °C
530477	12T8/PRO/48-835/IF17/G 10/1 FB	45 °C	-20 °C	50 °C
530485	12T8/PRO/48-840/IF18/G 10/1 FB	45 °C	-20 °C	50 °C
530493	12T8/PRO/48-850/IF18/G 10/1 FB	45 °C	-20 °C	50 °C
541986	10T8/COR/48-840/IF16/G 25/1	45 °C	-20 °C	50 °C
541994	10T8/COR/48-850/IF16/G 25/1	45 °C	-20 °C	50 °C
456566	17T8 LED/48-4000 IF G 10/1	45 °C	-20 °C	60 °C
456574	17T8 LED/48-5000 IF G 10/1	45 °C	-20 °C	60 °C
471748	16.5T8PRO/48-830/BB20/G 10/1 FB	45 °C	-20 °C	70 °C
471755	16.5T8PRO/48-835/BB20/G 10/1 FB	45 °C	-20 °C	70 °C
471763	16.5T8PRO/48-840/BB21/G 10/1 FB	45 °C	-20 °C	70 °C
471771	16.5T8PRO/48-850/BB21/G 10/1 FB	45 °C	-20 °C	70 °C

Order Code	Full Product Name	T-Ambient (Max)	T-Ambient (Min)	T-Case Maximum (Nom)
477315	14T8PRO/48-830/BB17/G 10/1 FB	45 °C	-20 °C	70 °C
477323	14T8PRO/48-835/BB17/G 10/1 FB	45 °C	-20 °C	70 °C
477331	14T8PRO/48-840/BB18/G 10/1 FB	45 °C	-20 °C	70 °C
538371	14T8PRO/48-840/BB18/G 1/4 FFP	45 °C	-20 °C	70 °C
477349	14T8PRO/48-850/BB18/G 10/1 FB	45 °C	-20 °C	70 °C
538389	14T8PRO/48-850/BB18/G 1/4 FFP	45 °C	-20 °C	70 °C
532671	12T8/PER/48-830/BB17/G 10/1 FB	45 °C	-20 °C	70 °C
532689	12T8/PER/48-835/BB17/G 10/1 FB	45 °C	-20 °C	70 °C
532697	12T8/PER/48-840/BB18/G 10/1 FB	45 °C	-20 °C	70 °C
532705	12T8/PER/48-850/BB18/G 10/1 FB	45 °C	-20 °C	70 °C
458364	8.5PL-C/T LED/26H-2700 IF 4P 1PK 10/1	45 °C	-20 °C	60 °C
458372	8.5PL-C/T LED/26H-3000 IF 4P 1PK 10/1	45 °C	-20 °C	60 °C
458380	8.5PL-C/T LED/26H-3500 IF 4P 1PK 10/1	45 °C	-20 °C	60 °C
458398	8.5PL-C/T LED/26H-4000 IF 4P 1PK 10/1	45 °C	-20 °C	60 °C
476069	12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1	45 °C	-20 °C	-
476077	12PLC/T LED/32H/830/IF/4P/DIM 1PK 10/1	45 °C	-20 °C	-
476085	12PLC/T LED/32H/835/IF/4P/DIM 1PK 10/1	45 °C	-20 °C	-
476093	12PLC/T LED/32H/840/IF/4P/DIM 1PK 10/1	45 °C	-20 °C	-
458406	10.5PL-C/T LED/26V-2700 IF 4P 1PK 10/1	45 °C	-20 °C	60 °C
458414	10.5PL-C/T LED/26V-3000 IF 4P 1PK 10/1	45 °C	-20 °C	60 °C
458422	10.5PL-C/T LED/26V-3500 IF 4P 1PK 10/1	45 °C	-20 °C	60 °C
458430	10.5PL-C/T LED/26V-4000 IF 4P 1PK 10/1	45 °C	-20 °C	60 °C
476101	12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1	45 °C	-20 °C	-
476119	12PLC/T LED/32V/830/IF/4P/DIM 1PK 10/1	45 °C	-20 °C	-
476127	12PLC/T LED/32V/835/IF/4P/DIM 1PK 10/1	45 °C	-20 °C	-

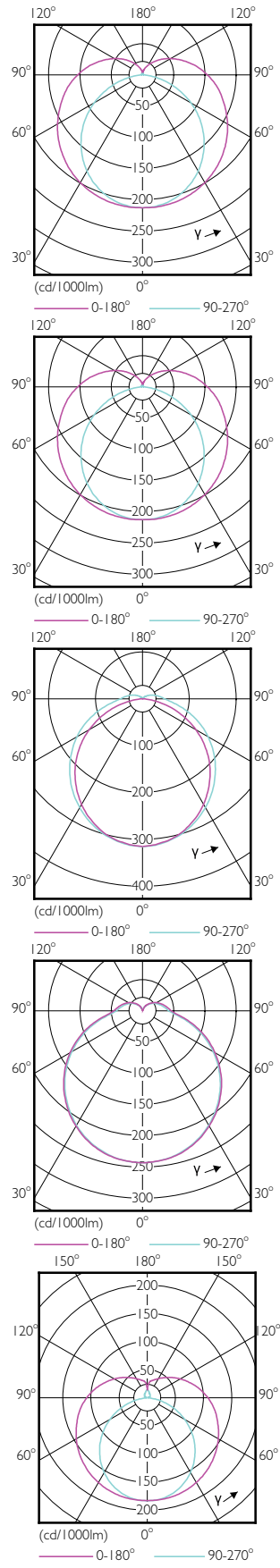
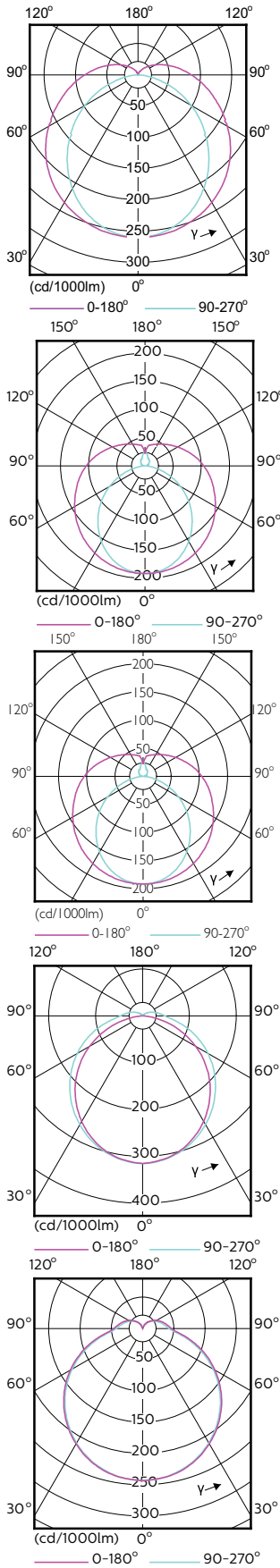




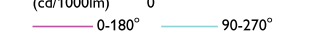
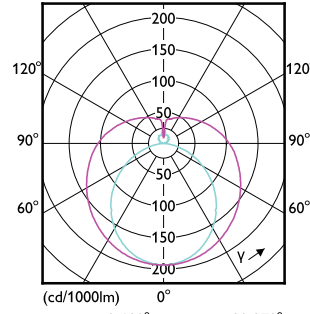
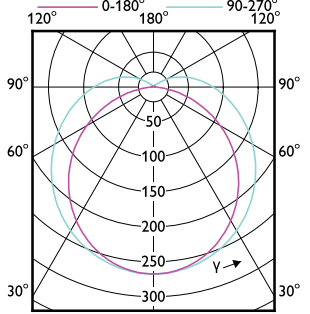
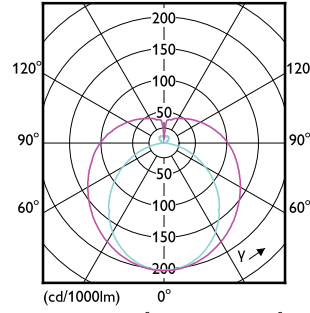
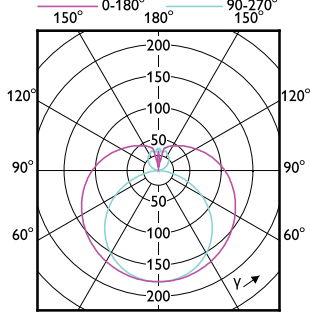
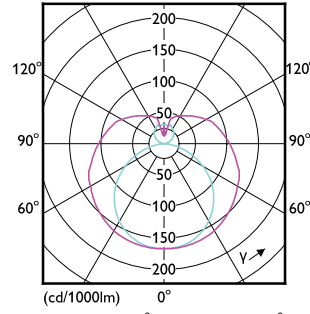
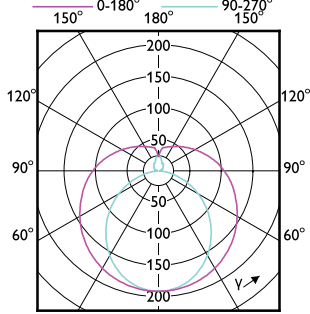
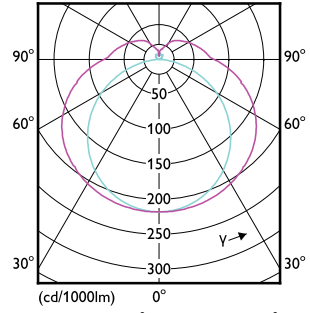
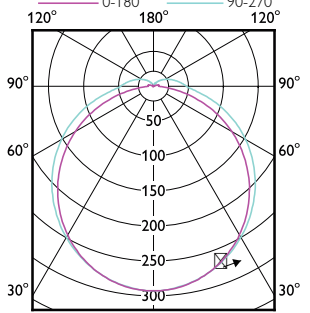
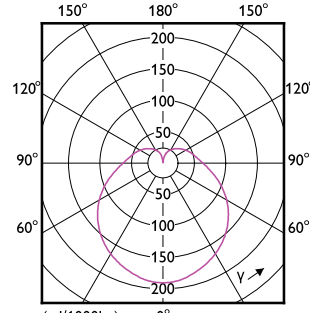
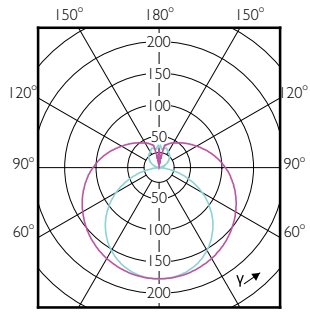
# LED InstantFit Lamps



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