



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 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

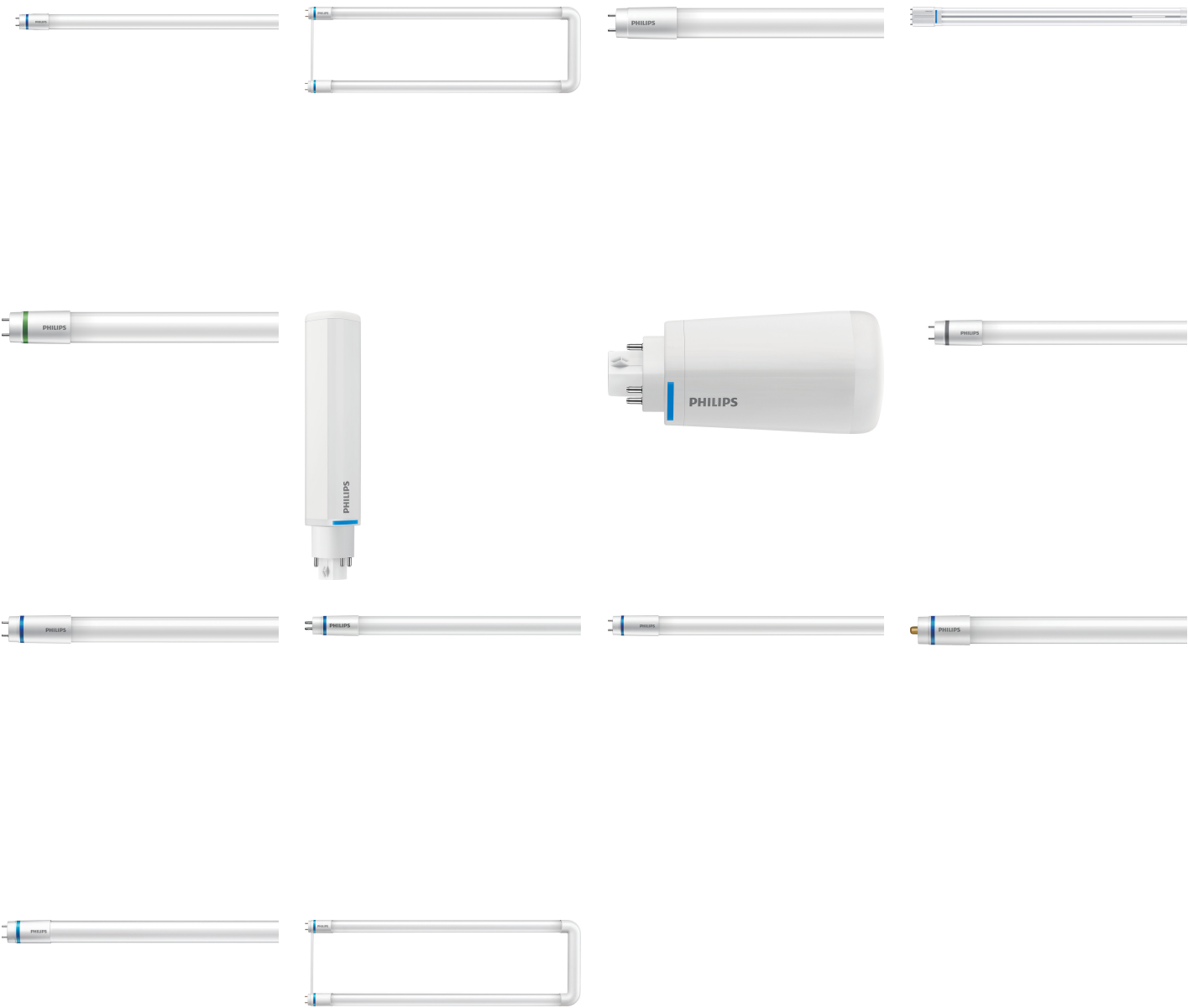
- Instant on, no flicker or buzz.
- Fits into existing fluorescent fixtures.
- Compatible with Instant Start, Programmed Start, Dimmable, and Emergency ballasts eliminating the need for rewiring. This allows the fixture to maintain its original UL compliance.
- Must follow guidelines for installation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

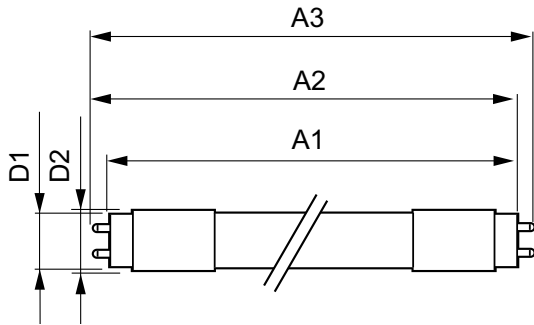
LED InstantFit Lamps

Versions



LED InstantFit Lamps

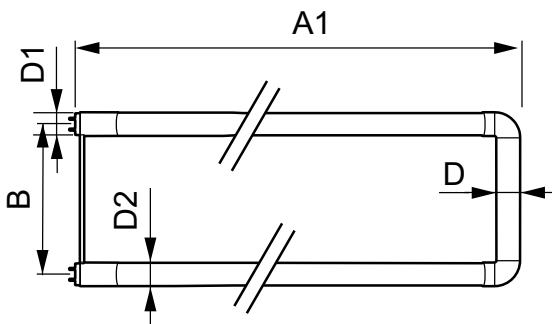
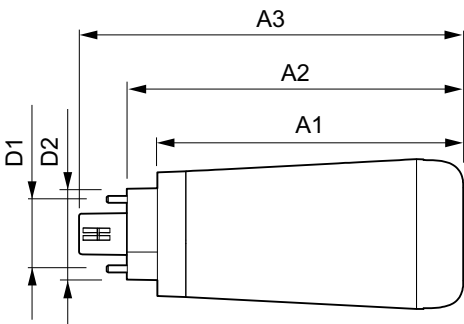
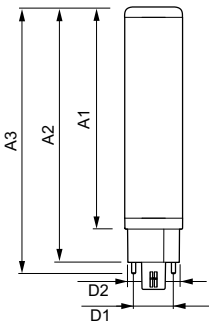
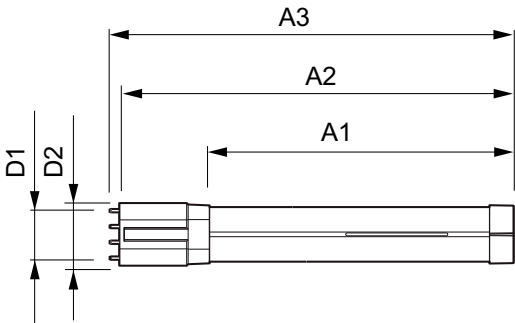
Dimensional drawing



Product	D1	D2	A1	A2	A3
15T8/48-5000 IF 10/1	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
8.5T8/24-3500 IF 10/1	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
16.5T8 LED/48-4000 20/1 DC	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
Driver					
8.5T8/24-3000 IF 10/1	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
10.5T8/36-3000 IF 10/1	25.68 mm	28 mm	893.4 mm	900.5 mm	907.6 mm
12T8/48-5000 IF 10/1	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
10.5T8/36-4000 IF 10/1	25.68 mm	28 mm	893.4 mm	900.5 mm	907.6 mm
17T8/48-4000 IFG 10/1	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
10.5T8/36-5000 IF 10/1	25.68 mm	28 mm	893.4 mm	900.5 mm	907.6 mm
10.5T8/36-3500 IF 10/1	25.68 mm	28 mm	893.4 mm	900.5 mm	907.6 mm
8.5T8/24-5000 IF 10/1	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
17T8/48-5000 IFG 10/1	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
12T8/48-5000 IF 10/1 TAA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
12T8/48-3500 IF 10/1 TAA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
12T8/48-3000 IF 10/1 TAA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
15T8/48-3000 IF 10/1 TAA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
15T8/48-4000 IF 10/1 TAA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
12T8/48-4000 IF 10/1 TAA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
15T8/48-3500 IF 10/1 TAA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
15T8/48-5000 IF 10/1 TAA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
10T8/48-3000 IF 10/1	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
10T8/48-4000 IF 10/1	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
10T8/48-3500 IF 10/1	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
10T8/48-5000 IF 10/1	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
14T8/48-5000 IF 10/1 DIM	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
14T8/48-4000 IF 10/1 DIM	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
14T8/48-3000 IF 10/1 DIM	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
14T8/48-3500 IF 10/1 DIM	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
10T8/48-2700 IF 10/1	25.68 mm	26.3 mm	1198 mm	1205 mm	1212 mm
10T8/48-3000 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
10T8/48-4000 IF 10/1 TAA/NAFTA	25.68 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
14T8/48-3000 IF 10/1 DIM TAA/NAFTA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
14T8/48-3500 IF 10/1 DIM TAA/NAFTA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
14T8/48-4000 IF 10/1 DIM TAA/NAFTA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
14T8/48-5000 IF 10/1 DIM TAA/NAFTA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm

LED InstantFit Lamps

Dimensional drawing



Product	D1	D2	A1	A2	A3
16.5PL-LED/24-3000 IF 10/1	33 mm	43.6 mm	564 mm	570.6 mm	570.6 mm
16.5PL-LED/24-3500 IF 10/1	33 mm	43.6 mm	564 mm	570.6 mm	570.6 mm
16.5PL-LED/24-4000 IF 10/1	33 mm	43.6 mm	564 mm	570.6 mm	570.6 mm

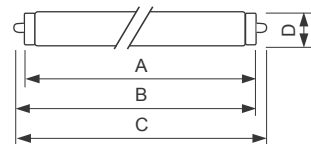
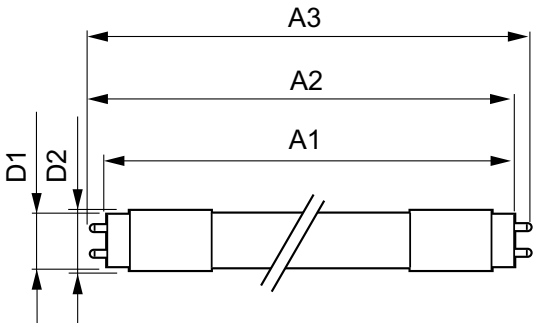
Product	D1	D2	A1	A2	A3
8.5PL-C/T LED/26H-3500 IF 4P 10/1	24.3 mm	28.4 mm	128.3 mm	147.5 mm	163.1 mm
8.5PL-C/T LED/26H-4000 IF 4P 10/1	24.3 mm	28.4 mm	128.3 mm	147.5 mm	163.1 mm
8.5PL-C/T LED/26H-2700 IF 4P 10/1	24.3 mm	28.4 mm	128.3 mm	147.5 mm	163.1 mm
8.5PL-C/T LED/26H-3000 IF 4P 10/1	24.3 mm	28.4 mm	128.3 mm	147.5 mm	163.1 mm

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-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-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-3000 IF 4P 10/1	24.3 mm	29 mm	99.9 mm	109.9 mm	125.5 mm

Product	D1	D2	A1	A2	A3
16.5T8/24-3500 IF-6U 10/1	25.68 mm	28 mm	570 mm	577.1 mm	577.1 mm
16.5T8/24-5000 IF-6U 10/1	25.68 mm	28 mm	570 mm	577.1 mm	577.1 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
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

LED InstantFit Lamps

Dimensional drawing



Product	D1	D2	A1	A2	A3
16.5T8 LED/48-3500 IF 10/1 UHO	25.68 mm	28 mm	1198 mm	1205 mm	1212 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
20T12 EM LED/48-6500 IF G 10/1	26 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
16.5T8 LED/48-3000 IF 10/1 UHO	25.68 mm	28 mm	1198 mm	1205 mm	1212 mm
24T5 LED/HO/48-4000 IF 10/1	15.2 mm	17.8 mm	1147.8 mm	1154.9 mm	1162 mm
24T5 LED/HO/48-5000 IF 10/1	15.2 mm	17.8 mm	1147.8 mm	1154.9 mm	1162 mm
24T5 LED/HO/48-3000 IF 10/1	15.2 mm	17.8 mm	1147.8 mm	1154.9 mm	1162 mm
24T5 LED/HO/48-3500 IF 10/1	15.2 mm	17.8 mm	1147.8 mm	1154.9 mm	1162 mm
14T8/48-3500 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
14T8/48-4000 IF 10/1 ROT	25.68 mm	26.3 mm	1198 mm	1205 mm	1212 mm
14T8/48-5000 IF 10/1 ROT	25.68 mm	26.3 mm	1198 mm	1205 mm	1212 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/36-4000 IF 10/1	25.7 mm	26.3 mm	893.4 mm	900.5 mm	907.6 mm
7T8 LED/24-3000 IF 10/1	25.7 mm	26.3 mm	588.6 mm	595.7 mm	602.8 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/24-5000 IF 10/1	25.7 mm	26.3 mm	588.6 mm	595.7 mm	602.8 mm
9T8 LED/36-3500 IF 10/1	25.7 mm	26.3 mm	893.4 mm	900.5 mm	907.6 mm
7T8 LED/24-4000 IF 10/1	25.7 mm	26.3 mm	588.6 mm	595.7 mm	602.8 mm
9T8 LED/36-5000 IF 10/1	25.7 mm	26.3 mm	893.4 mm	900.5 mm	907.6 mm

Product	D	A	B	C
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
35T8/96-4000 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

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

LED InstantFit Lamps

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
452011	8.5T8/24-3000 IF 10/1	10.5 kWh	A+
452029	8.5T8/24-3500 IF 10/1	10.5 kWh	A+
452045	8.5T8/24-5000 IF 10/1	10.5 kWh	A+
452052	10.5T8/36-3000 IF 10/1	13.5 kWh	A+
452060	10.5T8/36-3500 IF 10/1	13.5 kWh	A+
452078	10.5T8/36-4000 IF 10/1	13.5 kWh	A+
452086	10.5T8/36-5000 IF 10/1	13.5 kWh	A+
464206	12T8/48-3000 IF 10/1 TAA	14.5 kWh	A+
468264	10T8/48-3000 IF 10/1	- kWh	Not applicable
469569	10T8/48-3000 IF 10/1 TAA/NAFTA	-	Not applicable
464214	12T8/48-3500 IF 10/1 TAA	14.5 kWh	A+
468272	10T8/48-3500 IF 10/1	- kWh	Not applicable
469577	10T8/48-3500 IF 10/1 TAA/NAFTA	-	Not applicable
464222	12T8/48-4000 IF 10/1 TAA	14.5 kWh	A+
468280	10T8/48-4000 IF 10/1	- kWh	Not applicable
469585	10T8/48-4000 IF 10/1 TAA/NAFTA	-	Not applicable
453613	12T8/48-5000 IF 10/1	14.5 kWh	A+
464230	12T8/48-5000 IF 10/1 TAA	14.5 kWh	A+
468298	10T8/48-5000 IF 10/1	- kWh	Not applicable
469593	10T8/48-5000 IF 10/1 TAA/NAFTA	-	Not applicable
464248	15T8/48-3000 IF 10/1 TAA	18 kWh	A+
468306	14T8/48-3000 IF 10/1 DIM	18 kWh	-
469601	14T8/48-3000 IF 10/1 DIM TAA/ NAFTA	-	Not applicable
464255	15T8/48-3500 IF 10/1 TAA	18 kWh	A+
468314	14T8/48-3500 IF 10/1 DIM	18 kWh	-
469619	14T8/48-3500 IF 10/1 DIM TAA/ NAFTA	-	Not applicable
464263	15T8/48-4000 IF 10/1 TAA	18 kWh	A+
468322	14T8/48-4000 IF 10/1 DIM	18 kWh	-
469627	14T8/48-4000 IF 10/1 DIM TAA/ NAFTA	-	Not applicable
456921	15T8/48-5000 IF 10/1	18 kWh	A+
464271	15T8/48-5000 IF 10/1 TAA	18 kWh	A+
468330	14T8/48-5000 IF 10/1 DIM	18 kWh	-
469635	14T8/48-5000 IF 10/1 DIM TAA/ NAFTA	-	Not applicable
468694	10T8/48-2700 IF 10/1	-	-
452672	16.5T8/24-3500 IF-6U 10/1	16.5 kWh	A+
452698	16.5T8/24-5000 IF-6U 10/1	16.5 kWh	A+
456566	17T8/48-4000 IFG 10/1	20 kWh	A+
456574	17T8/48-5000 IFG 10/1	20 kWh	A+

Controls and Dimming

Order Code	Full Product Name	Dimmable
452011	8.5T8/24-3000 IF 10/1	No
452029	8.5T8/24-3500 IF 10/1	No
452045	8.5T8/24-5000 IF 10/1	No
452052	10.5T8/36-3000 IF 10/1	No
452060	10.5T8/36-3500 IF 10/1	No

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
456632	16.5PL-LED/24-3000 IF 10/1	21 kWh	A+
456640	16.5PL-LED/24-3500 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+
458364	8.5PL-C/T LED/26H-2700 IF 4P 10/1	10.5 kWh	A+
458372	8.5PL-C/T LED/26H-3000 IF 4P 10/1	10.5 kWh	A+
458380	8.5PL-C/T LED/26H-3500 IF 4P 10/1	10.5 kWh	A+
458398	8.5PL-C/T LED/26H-4000 IF 4P 10/1	10.5 kWh	A+
458406	10.5PL-C/T LED/26V-2700 IF 4P 10/1	14.5 kWh	A+
458414	10.5PL-C/T LED/26V-3000 IF 4P 10/1	14.5 kWh	A+
458422	10.5PL-C/T LED/26V-3500 IF 4P 10/1	14.5 kWh	A+
458430	10.5PL-C/T LED/26V-4000 IF 4P 10/1	14.5 kWh	A+
463117	20T12 EM LED/48-4000 IFG 10/1	23 kWh	A+
463125	20T12 EM LED/48-6500 IFG 10/1	23 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	24T5 LED/HO/48-3000 IF 10/1	-	-
467134	24T5 LED/HO/48-3500 IF 10/1	-	-
467142	24T5 LED/HO/48-4000 IF 10/1	-	-
467159	24T5 LED/HO/48-5000 IF 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	-	Not applicable
469247	35T8/96-3500 IF FA8 10/1	-	Not applicable
469254	35T8/96-4000 IF FA8 10/1	-	Not applicable
469262	35T8/96-6500 IF FA8 10/1	-	Not applicable
469270	7T8 LED/24-3000 IF 10/1	-	Not applicable
469288	7T8 LED/24-3500 IF 10/1	-	Not applicable
469296	7T8 LED/24-4000 IF 10/1	-	Not applicable
469304	7T8 LED/24-5000 IF 10/1	-	Not applicable
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	-	Not applicable
469387	13T8 LED/24-3500 IF-6U 10/1	-	Not applicable
469395	13T8 LED/24-4000 IF-6U 10/1	-	Not applicable
469403	13T8 LED/24-5000 IF-6U 10/1	-	Not applicable

LED InstantFit Lamps

Order Code	Full Product Name	Dimmable
464214	12T8/48-3500 IF 10/1 TAA	No
468272	10T8/48-3500 IF 10/1	No
469577	10T8/48-3500 IF 10/1 TAA/NAFTA	No
464222	12T8/48-4000 IF 10/1 TAA	No
468280	10T8/48-4000 IF 10/1	No
469585	10T8/48-4000 IF 10/1 TAA/NAFTA	No
453613	12T8/48-5000 IF 10/1	No
464230	12T8/48-5000 IF 10/1 TAA	No
468298	10T8/48-5000 IF 10/1	No
469593	10T8/48-5000 IF 10/1 TAA/NAFTA	No
464248	15T8/48-3000 IF 10/1 TAA	Yes
468306	14T8/48-3000 IF 10/1 DIM	Yes
469601	14T8/48-3000 IF 10/1 DIM TAA/NAFTA	Yes
464255	15T8/48-3500 IF 10/1 TAA	Yes
468314	14T8/48-3500 IF 10/1 DIM	Yes
469619	14T8/48-3500 IF 10/1 DIM TAA/NAFTA	Yes
464263	15T8/48-4000 IF 10/1 TAA	Yes
468322	14T8/48-4000 IF 10/1 DIM	Yes
469627	14T8/48-4000 IF 10/1 DIM TAA/NAFTA	Yes
456921	15T8/48-5000 IF 10/1	Yes
464271	15T8/48-5000 IF 10/1 TAA	Yes
468330	14T8/48-5000 IF 10/1 DIM	Yes
469635	14T8/48-5000 IF 10/1 DIM TAA/NAFTA	Yes
468694	10T8/48-2700 IF 10/1	No
452672	16.5T8/24-3500 IF-6U 10/1	No
452698	16.5T8/24-5000 IF-6U 10/1	No
456566	17T8/48-4000 IFG 10/1	No
456574	17T8/48-5000 IFG 10/1	No
456632	16.5PL-LED/24-3000 IF 10/1	No
456640	16.5PL-LED/24-3500 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
458364	8.5PL-C/T LED/26H-2700 IF 4P 10/1	No
458372	8.5PL-C/T LED/26H-3000 IF 4P 10/1	No
458380	8.5PL-C/T LED/26H-3500 IF 4P 10/1	No

Order Code	Full Product Name	Dimmable
458398	8.5PL-C/T LED/26H-4000 IF 4P 10/1	No
458406	10.5PL-C/T LED/26V-2700 IF 4P 10/1	No
458414	10.5PL-C/T LED/26V-3000 IF 4P 10/1	No
458422	10.5PL-C/T LED/26V-3500 IF 4P 10/1	No
458430	10.5PL-C/T LED/26V-4000 IF 4P 10/1	No
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	24T5 LED/HO/48-3000 IF 10/1	No
467134	24T5 LED/HO/48-3500 IF 10/1	No
467142	24T5 LED/HO/48-4000 IF 10/1	No
467159	24T5 LED/HO/48-5000 IF 10/1	No
468652	14T8/48-3000 IF 10/1 ROT	No
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

Operating and Electrical

Order			Voltage	Power	Starting
Code	Full Product Name	Input Frequency	(Nom)	(Rated) (Nom)	Time (Nom)
452011	8.5T8/24-3000 IF 10/1	50 to 60 Hz	120-277 V	8.5 W	0.5 s
452029	8.5T8/24-3500 IF 10/1	50 to 60 Hz	120-277 V	8.5 W	0.5 s
452045	8.5T8/24-5000 IF 10/1	50 to 60 Hz	120-277 V	8.5 W	0.5 s
452052	10.5T8/36-3000 IF 10/1	50 to 60 Hz	120-277 V	10.5 W	0.5 s
452060	10.5T8/36-3500 IF 10/1	50 to 60 Hz	120-277 V	10.5 W	0.5 s
452078	10.5T8/36-4000 IF 10/1	50 to 60 Hz	120-277 V	10.5 W	0.5 s
452086	10.5T8/36-5000 IF 10/1	50 to 60 Hz	120-277 V	10.5 W	0.5 s
464206	12T8/48-3000 IF 10/1	50 to 60 Hz	120-277 V	12 W	0.5 s
	TAA				
468264	10T8/48-3000 IF 10/1	50 to 60 Hz	120-277, 347 V	10 W	0.5 s

Order			Voltage	Power	Starting
Code	Full Product Name	Input Frequency	(Nom)	(Rated) (Nom)	Time (Nom)
469569	10T8/48-3000 IF 10/1	50 to 60 Hz	120-277, 347 V	10 W	0.5 s
	TAA/NAFTA				
464214	12T8/48-3500 IF 10/1	50 to 60 Hz	120-277 V	12 W	0.5 s
	TAA				
468272	10T8/48-3500 IF 10/1	50 to 60 Hz	120-277, 347 V	10 W	0.5 s
469577	10T8/48-3500 IF 10/1	50 to 60 Hz	120-277, 347 V	10 W	0.5 s
	TAA/NAFTA				
464222	12T8/48-4000 IF 10/1	50 to 60 Hz	120-277 V	12 W	0.5 s
	TAA				

LED InstantFit Lamps

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
468280	10T8/48-4000 IF 10/1	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
453613	12T8/48-5000 IF 10/1	50 to 60 Hz	120-277 V	12 W	0.5 s
464230	12T8/48-5000 IF 10/1 TAA	50 to 60 Hz	120-277 V	12 W	0.5 s
468298	10T8/48-5000 IF 10/1	50 to 60 Hz	120-277, 347 V	10 W	0.5 s
469593	10T8/48-5000 IF 10/1 TAA/NAFTA	50 to 60 Hz	120-277, 347 V	10 W	0.5 s
464248	15T8/48-3000 IF 10/1 TAA	50 to 60 Hz	120-277 V	15 W	0.5 s
468306	14T8/48-3000 IF 10/1 DIM	50 to 60 Hz	120-277, 347 V	14 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
464255	15T8/48-3500 IF 10/1 TAA	50 to 60 Hz	120-277 V	15 W	0.5 s
468314	14T8/48-3500 IF 10/1 DIM	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
464263	15T8/48-4000 IF 10/1 TAA	50 to 60 Hz	120-277 V	15 W	0.5 s
468322	14T8/48-4000 IF 10/1 DIM	50 to 60 Hz	120-277, 347 V	14 W	0.5 s
469627	14T8/48-4000 IF 10/1 DIM TAA/NAFTA	50 to 60 Hz	120-277, 347 V	14 W	0.5 s
456921	15T8/48-5000 IF 10/1	50 to 60 Hz	120-277 V	15 W	0.5 s
464271	15T8/48-5000 IF 10/1 TAA	50 to 60 Hz	120-277 V	15 W	0.5 s
468330	14T8/48-5000 IF 10/1 DIM	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
468694	10T8/48-2700 IF 10/1	50 to 60 Hz	120-277, 347 V	10 W	0.5 s
452672	16.5T8/24-3500 IF-6U 10/1	50 to 60 Hz	120-277 V	16.5 W	0.5 s
452698	16.5T8/24-5000 IF-6U 10/1	50 to 60 Hz	120-277 V	16.5 W	0.5 s
456566	17T8/48-4000 IFG 10/1	50 to 60 Hz	120-277 V	17 W	0.5 s
456574	17T8/48-5000 IFG 10/1	50 to 60 Hz	120-277 V	17 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
456640	16.5PL-LED/24-3500 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

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
458125	16.5T8 LED/48-4000 20/1 DC Driver	50 to 60 Hz	25-27 V	16.5 W	0.5 s
458364	8.5PL-C/T LED/ 26H-2700 IF 4P 10/1	50 to 60 Hz	120-277 V	8.5 W	0.5 s
458372	8.5PL-C/T LED/ 26H-3000 IF 4P 10/1	50 to 60 Hz	120-277 V	8.5 W	0.5 s
458380	8.5PL-C/T LED/ 26H-3500 IF 4P 10/1	50 to 60 Hz	120-277 V	8.5 W	0.5 s
458398	8.5PL-C/T LED/ 26H-4000 IF 4P 10/1	50 to 60 Hz	120-277 V	8.5 W	0.5 s
458406	10.5PL-C/T LED/ 26V-2700 IF 4P 10/1	50 to 60 Hz	120-277 V	10.5 W	0.5 s
458414	10.5PL-C/T LED/ 26V-3000 IF 4P 10/1	50 to 60 Hz	120-277 V	10.5 W	0.5 s
458422	10.5PL-C/T LED/ 26V-3500 IF 4P 10/1	50 to 60 Hz	120-277 V	10.5 W	0.5 s
458430	10.5PL-C/T LED/ 26V-4000 IF 4P 10/1	50 to 60 Hz	120-277 V	10.5 W	0.5 s
463117	20T12 EM LED/48-4000 IFG 10/1	60 Hz	120-270 V	20 W	0.5 s
463125	20T12 EM LED/48-6500 IFG 10/1	60 Hz	120-270 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	0.5 s
463141	16.5T8/LED/48/840 IF 10/1	50 to 60 Hz	120-277 V	16.5 W	0.5 s
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	24T5 LED/HO/48-3000 IF 10/1	40000-80000 Hz	39-64 V	24 W	0.5 s
467134	24T5 LED/HO/48-3500 IF 10/1	40000-80000 Hz	39-64 V	24 W	0.5 s
467142	24T5 LED/HO/48-4000 IF 10/1	40000-80000 Hz	39-64 V	24 W	0.5 s
467159	24T5 LED/HO/48-5000 IF 10/1	40000-80000 Hz	39-64 V	24 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	-

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Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
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

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
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

General Information

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
452011	8.5T8/24-3000 IF 10/1	G13	40000 h	40000 h
452029	8.5T8/24-3500 IF 10/1	G13	40000 h	40000 h
452045	8.5T8/24-5000 IF 10/1	G13	40000 h	40000 h
452052	10.5T8/36-3000 IF 10/1	G13	40000 h	40000 h
452060	10.5T8/36-3500 IF 10/1	G13	40000 h	40000 h
452078	10.5T8/36-4000 IF 10/1	G13	40000 h	40000 h
452086	10.5T8/36-5000 IF 10/1	G13	40000 h	40000 h
464206	12T8/48-3000 IF 10/1 TAA	G13	50000 h	50000 h
468264	10T8/48-3000 IF 10/1	G13	50000 h	50000 h
469569	10T8/48-3000 IF 10/1 TAA/NAFTA	G13	50000 h	50000 h
464214	12T8/48-3500 IF 10/1 TAA	G13	50000 h	50000 h
468272	10T8/48-3500 IF 10/1	G13	50000 h	50000 h
469577	10T8/48-3500 IF 10/1 TAA/NAFTA	G13	50000 h	50000 h
464222	12T8/48-4000 IF 10/1 TAA	G13	50000 h	50000 h
468280	10T8/48-4000 IF 10/1	G13	50000 h	50000 h
469585	10T8/48-4000 IF 10/1 TAA/NAFTA	G13	50000 h	50000 h
453613	12T8/48-5000 IF 10/1	G13	50000 h	50000 h
464230	12T8/48-5000 IF 10/1 TAA	G13	50000 h	50000 h
468298	10T8/48-5000 IF 10/1	G13	50000 h	50000 h
469593	10T8/48-5000 IF 10/1 TAA/NAFTA	G13	50000 h	50000 h
464248	15T8/48-3000 IF 10/1 TAA	G13	40000 h	40000 h
468306	14T8/48-3000 IF 10/1 DIM	G13	50000 h	50000 h
469601	14T8/48-3000 IF 10/1 DIM TAA/NAFTA	G13	50000 h	50000 h
464255	15T8/48-3500 IF 10/1 TAA	G13	40000 h	40000 h
468314	14T8/48-3500 IF 10/1 DIM	G13	50000 h	50000 h
469619	14T8/48-3500 IF 10/1 DIM TAA/NAFTA	G13	50000 h	50000 h
464263	15T8/48-4000 IF 10/1 TAA	G13	40000 h	40000 h
468322	14T8/48-4000 IF 10/1 DIM	G13	50000 h	50000 h

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
469627	14T8/48-4000 IF 10/1 DIM TAA/NAFTA	G13	50000 h	50000 h
456921	15T8/48-5000 IF 10/1	G13	40000 h	40000 h
464271	15T8/48-5000 IF 10/1 TAA	G13	40000 h	40000 h
468330	14T8/48-5000 IF 10/1 DIM	G13	50000 h	50000 h
469635	14T8/48-5000 IF 10/1 DIM TAA/NAFTA	G13	50000 h	50000 h
468694	10T8/48-2700 IF 10/1	G13	50000 h	50000 h
452672	16.5T8/24-3500 IF-6U 10/1	G13	40000 h	40000 h
452698	16.5T8/24-5000 IF-6U 10/1	G13	40000 h	40000 h
456566	17T8/48-4000 IFG 10/1	G13	36000 h	36000 h
456574	17T8/48-5000 IFG 10/1	G13	36000 h	36000 h
456632	16.5PL-LED/24-3000 IF 10/1	2G11	40000 h	40000 h
456640	16.5PL-LED/24-3500 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
458364	8.5PL-C/T LED/26H-2700 IF 4P 10/1	G24Q-3	40000 h	40000 h
458372	8.5PL-C/T LED/26H-3000 IF 4P 10/1	G24Q-3	40000 h	40000 h
458380	8.5PL-C/T LED/26H-3500 IF 4P 10/1	G24Q-3	40000 h	40000 h
458398	8.5PL-C/T LED/26H-4000 IF 4P 10/1	G24Q-3	40000 h	40000 h
458406	10.5PL-C/T LED/26V-2700 IF 4P 10/1	GX24Q-3	40000 h	40000 h
458414	10.5PL-C/T LED/26V-3000 IF 4P 10/1	GX24Q-3	40000 h	40000 h
458422	10.5PL-C/T LED/26V-3500 IF 4P 10/1	GX24Q-3	40000 h	40000 h

LED InstantFit Lamps

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
458430	10.5PL-C/T LED/26V-4000 IF 4P 10/1	GX24Q-3	40000 h	40000 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	24T5 LED/HO/48-3000 IF 10/1	G5	50000 h	50000 h
467134	24T5 LED/HO/48-3500 IF 10/1	G5	50000 h	50000 h
467142	24T5 LED/HO/48-4000 IF 10/1	G5	50000 h	50000 h
467159	24T5 LED/HO/48-5000 IF 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

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
469239	35T8/96-3000 IF FA8 10/1	FA8	50000 h	50000 h
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

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Max)	Beam Angle (Nom)	Color Code	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
452011	8.5T8/24-3000 IF 10/1	-	160 °	830	3000 K	83	950 lm	950 lm
452029	8.5T8/24-3500 IF 10/1	-	160 °	835	3500 K	83	1000 lm	1000 lm
452045	8.5T8/24-5000 IF 10/1	-	160 °	850	5000 K	83	1100 lm	1100 lm
452052	10.5T8/36-3000 IF 10/1	-	160 °	830	3000 K	83	1100 lm	1100 lm
452060	10.5T8/36-3500 IF 10/1	-	160 °	835	3500 K	83	1160 lm	1160 lm
452078	10.5T8/36-4000 IF 10/1	-	160 °	841	4000 K	83	1200 lm	1200 lm
452086	10.5T8/36-5000 IF 10/1	-	160 °	850	5000 K	83	1270 lm	1270 lm
464206	12T8/48-3000 IF 10/1 TAA	-	-	830	3000 K	83	1500 lm	1500 lm
468264	10T8/48-3000 IF 10/1	-	-	830	3000 K	82	1500 lm	1500 lm
469569	10T8/48-3000 IF 10/1 TAA/NAFTA	-	-	830	3000 K	82	1500 lm	1500 lm
464214	12T8/48-3500 IF 10/1 TAA	-	-	835	3500 K	83	1500 lm	1500 lm
468272	10T8/48-3500 IF 10/1	-	-	835	3500 K	82	1500 lm	1500 lm
469577	10T8/48-3500 IF 10/1 TAA/NAFTA	-	-	835	3500 K	82	1500 lm	1500 lm
464222	12T8/48-4000 IF 10/1 TAA	-	-	841	4000 K	83	1600 lm	1600 lm
468280	10T8/48-4000 IF 10/1	-	-	841	4000 K	82	1600 lm	1600 lm
469585	10T8/48-4000 IF 10/1 TAA/NAFTA	-	-	841	4000 K	82	1600 lm	1600 lm
453613	12T8/48-5000 IF 10/1	-	-	850	5000 K	83	1650 lm	1650 lm
464230	12T8/48-5000 IF 10/1 TAA	-	-	850	5000 K	83	1650 lm	1650 lm
468298	10T8/48-5000 IF 10/1	-	-	850	5000 K	82	1600 lm	1600 lm
469593	10T8/48-5000 IF 10/1 TAA/NAFTA	-	-	850	5000 K	82	1600 lm	1600 lm
464248	15T8/48-3000 IF 10/1 TAA	-	160 °	830	3000 K	82	2000 lm	2000 lm
468306	14T8/48-3000 IF 10/1 DIM	-	160 °	830	3000 K	82	2000 lm	2000 lm
469601	14T8/48-3000 IF 10/1 DIM TAA/NAFTA	-	-	830	3000 K	82	2000 lm	2000 lm
464255	15T8/48-3500 IF 10/1 TAA	-	160 °	835	3500 K	82	2000 lm	2000 lm
468314	14T8/48-3500 IF 10/1 DIM	-	160 °	835	3500 K	82	2000 lm	2000 lm
469619	14T8/48-3500 IF 10/1 DIM TAA/NAFTA	-	-	835	3500 K	82	2000 lm	2000 lm
464263	15T8/48-4000 IF 10/1 TAA	-	160 °	841	4000 K	82	2100 lm	2100 lm
468322	14T8/48-4000 IF 10/1 DIM	-	160 °	841	4000 K	82	2100 lm	2100 lm
469627	14T8/48-4000 IF 10/1 DIM TAA/NAFTA	-	-	841	4000 K	82	2100 lm	2100 lm
456921	15T8/48-5000 IF 10/1	-	160 °	850	5000 K	82	2100 lm	2100 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)
464271	15T8/48-5000 IF 10/1 TAA	-	160 °	850	5000 K	82	2100 lm	2100 lm
468330	14T8/48-5000 IF 10/1 DIM	-	160 °	850	5000 K	82	2100 lm	2100 lm
469635	14T8/48-5000 IF 10/1 DIM TAA/NAFTA	-	-	850	5000 K	82	2100 lm	2100 lm
468694	10T8/48-2700 IF 10/1	-	-	827	2700 K	82	1400 lm	1400 lm
452672	16.5T8/24-3500 IF-6U 10/1	-	160 °	835	3500 K	83	2000 lm	2000 lm
452698	16.5T8/24-5000 IF-6U 10/1	-	160 °	850	5000 K	83	2150 lm	2150 lm
456566	17T8/48-4000 IFG 10/1	-	240 °	841	4000 K	82	2100 lm	2100 lm
456574	17T8/48-5000 IFG 10/1	-	240 °	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
456640	16.5PL-LED/24-3500 IF 10/1	-	160 °	835	3500 K	82	2000 lm	2000 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
458364	8.5PL-C/T LED/26H-2700 IF 4P 10/1	-	120 °	827	2700 K	82	900 lm	900 lm
458372	8.5PL-C/T LED/26H-3000 IF 4P 10/1	-	120 °	830	3000 K	82	900 lm	900 lm
458380	8.5PL-C/T LED/26H-3500 IF 4P 10/1	-	120 °	835	3500 K	82	900 lm	900 lm
458398	8.5PL-C/T LED/26H-4000 IF 4P 10/1	-	120 °	841	4000 K	82	950 lm	950 lm
458406	10.5PL-C/T LED/26V-2700 IF 4P 10/1	-	120 °	827	2700 K	82	1200 lm	1200 lm
458414	10.5PL-C/T LED/26V-3000 IF 4P 10/1	-	120 °	830	3000 K	82	1200 lm	1200 lm
458422	10.5PL-C/T LED/26V-3500 IF 4P 10/1	-	120 °	835	3500 K	82	1200 lm	1200 lm
458430	10.5PL-C/T LED/26V-4000 IF 4P 10/1	-	120 °	841	4000 K	82	1300 lm	1300 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	-	160 °	835	3500 K	82	2400 lm	2400 lm
463141	16.5T8/LED/48/840 IF 10/1	-	160 °	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	24T5 LED/HO/48-3000 IF 10/1	-	-	830	3000 K	82	3300 lm	3300 lm
467134	24T5 LED/HO/48-3500 IF 10/1	-	-	835	3500 K	82	3300 lm	3300 lm
467142	24T5 LED/HO/48-4000 IF 10/1	-	-	841	4000 K	82	3500 lm	3500 lm
467159	24T5 LED/HO/48-5000 IF 10/1	-	-	850	5000 K	82	3500 lm	3500 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
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

Light Technical (2/2)

LED InstantFit Lamps

Order Code	Full Product Name	Rated Beam Angle
452011	8.5T8/24-3000 IF 10/1	160 °
452029	8.5T8/24-3500 IF 10/1	160 °
452045	8.5T8/24-5000 IF 10/1	160 °
452052	10.5T8/36-3000 IF 10/1	160 °
452060	10.5T8/36-3500 IF 10/1	160 °
452078	10.5T8/36-4000 IF 10/1	160 °
452086	10.5T8/36-5000 IF 10/1	160 °
464206	12T8/48-3000 IF 10/1 TAA	-
468264	10T8/48-3000 IF 10/1	-
469569	10T8/48-3000 IF 10/1 TAA/NAFTA	-
464214	12T8/48-3500 IF 10/1 TAA	-
468272	10T8/48-3500 IF 10/1	-
469577	10T8/48-3500 IF 10/1 TAA/NAFTA	-
464222	12T8/48-4000 IF 10/1 TAA	-
468280	10T8/48-4000 IF 10/1	-
469585	10T8/48-4000 IF 10/1 TAA/NAFTA	-
453613	12T8/48-5000 IF 10/1	-
464230	12T8/48-5000 IF 10/1 TAA	-
468298	10T8/48-5000 IF 10/1	-
469593	10T8/48-5000 IF 10/1 TAA/NAFTA	-
464248	15T8/48-3000 IF 10/1 TAA	160 °
468306	14T8/48-3000 IF 10/1 DIM	160 °
469601	14T8/48-3000 IF 10/1 DIM TAA/NAFTA	-
464255	15T8/48-3500 IF 10/1 TAA	160 °
468314	14T8/48-3500 IF 10/1 DIM	160 °
469619	14T8/48-3500 IF 10/1 DIM TAA/NAFTA	-
464263	15T8/48-4000 IF 10/1 TAA	160 °
468322	14T8/48-4000 IF 10/1 DIM	160 °
469627	14T8/48-4000 IF 10/1 DIM TAA/NAFTA	-
456921	15T8/48-5000 IF 10/1	160 °
464271	15T8/48-5000 IF 10/1 TAA	160 °
468330	14T8/48-5000 IF 10/1 DIM	160 °
469635	14T8/48-5000 IF 10/1 DIM TAA/NAFTA	-
468694	10T8/48-2700 IF 10/1	-
452672	16.5T8/24-3500 IF-6U 10/1	160 °
452698	16.5T8/24-5000 IF-6U 10/1	160 °
456566	17T8/48-4000 IFG 10/1	240 °
456574	17T8/48-5000 IFG 10/1	240 °
456632	16.5PL-LED/24-3000 IF 10/1	160 °
456640	16.5PL-LED/24-3500 IF 10/1	160 °

Order Code	Full Product Name	Rated Beam Angle
456657	16.5PL-LED/24-4000 IF 10/1	160 °
458125	16.5T8 LED/48-4000 20/1 DC Driver	160 °
458364	8.5PL-C/T LED/26H-2700 IF 4P 10/1	120 °
458372	8.5PL-C/T LED/26H-3000 IF 4P 10/1	120 °
458380	8.5PL-C/T LED/26H-3500 IF 4P 10/1	120 °
458398	8.5PL-C/T LED/26H-4000 IF 4P 10/1	120 °
458406	10.5PL-C/T LED/26V-2700 IF 4P 10/1	120 °
458414	10.5PL-C/T LED/26V-3000 IF 4P 10/1	120 °
458422	10.5PL-C/T LED/26V-3500 IF 4P 10/1	120 °
458430	10.5PL-C/T LED/26V-4000 IF 4P 10/1	120 °
463117	20T12 EM LED/48-4000 IFG 10/1	240 °
463125	20T12 EM LED/48-6500 IFG 10/1	240 °
463133	16.5T8/LED/48/835 IF 10/1	160 °
463141	16.5T8/LED/48/840 IF 10/1	160 °
463158	16.5T8/LED/48/850 IF 10/1	160 °
468892	16.5T8 LED/48-3000 IF 10/1 UHO	160 °
467126	24T5 LED/HO/48-3000 IF 10/1	-
467134	24T5 LED/HO/48-3500 IF 10/1	-
467142	24T5 LED/HO/48-4000 IF 10/1	-
467159	24T5 LED/HO/48-5000 IF 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	-
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	-
469338	9T8 LED/36-3500 IF 10/1	-
469346	9T8 LED/36-4000 IF 10/1	-
469353	9T8 LED/36-5000 IF 10/1	-
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	-

Temperature

Order		T-Ambient	T-Ambient	T-Case
Code	Full Product Name	(Max)	(Min)	Maximum
452011	8.5T8/24-3000 IF 10/1	45 °C	-20 °C	50 °C
452029	8.5T8/24-3500 IF 10/1	45 °C	-20 °C	50 °C
452045	8.5T8/24-5000 IF 10/1	45 °C	-20 °C	50 °C
452052	10.5T8/36-3000 IF 10/1	45 °C	-20 °C	50 °C
452060	10.5T8/36-3500 IF 10/1	45 °C	-20 °C	50 °C
452078	10.5T8/36-4000 IF 10/1	45 °C	-20 °C	50 °C

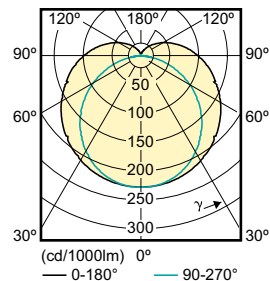
Order		T-Ambient	T-Ambient	T-Case
Code	Full Product Name	(Max)	(Min)	Maximum
452086	10.5T8/36-5000 IF 10/1	45 °C	-20 °C	50 °C
464206	12T8/48-3000 IF 10/1 TAA	45 °C	-20 °C	50 °C
468264	10T8/48-3000 IF 10/1	45 °C	-20 °C	40 °C
469569	10T8/48-3000 IF 10/1 TAA/ NAFTA	45 °C	-20 °C	40 °C
464214	12T8/48-3500 IF 10/1 TAA	45 °C	-20 °C	40 °C

LED InstantFit Lamps

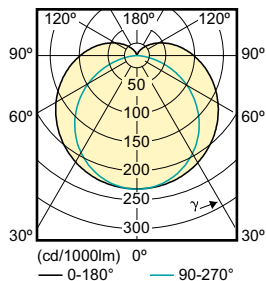
Order Code	Full Product Name	T-Ambient (Max)	T-Ambient (Min)	T-Case Maximum (Nom)
468272	10T8/48-3500 IF 10/1	45 °C	-20 °C	40 °C
469577	10T8/48-3500 IF 10/1 TAA/ NAFTA	45 °C	-20 °C	40 °C
464222	12T8/48-4000 IF 10/1 TAA	45 °C	-20 °C	40 °C
468280	10T8/48-4000 IF 10/1	45 °C	-20 °C	40 °C
469585	10T8/48-4000 IF 10/1 TAA/ NAFTA	45 °C	-20 °C	40 °C
453613	12T8/48-5000 IF 10/1	45 °C	-20 °C	40 °C
464230	12T8/48-5000 IF 10/1 TAA	45 °C	-20 °C	40 °C
468298	10T8/48-5000 IF 10/1	45 °C	-20 °C	40 °C
469593	10T8/48-5000 IF 10/1 TAA/ NAFTA	45 °C	-20 °C	40 °C
464248	15T8/48-3000 IF 10/1 TAA	45 °C	-20 °C	50 °C
468306	14T8/48-3000 IF 10/1 DIM	45 °C	-20 °C	45 °C
469601	14T8/48-3000 IF 10/1 DIM TAA/ NAFTA	45 °C	-20 °C	45 °C
464255	15T8/48-3500 IF 10/1 TAA	45 °C	-20 °C	50 °C
468314	14T8/48-3500 IF 10/1 DIM	45 °C	-20 °C	45 °C
469619	14T8/48-3500 IF 10/1 DIM TAA/ NAFTA	45 °C	-20 °C	45 °C
464263	15T8/48-4000 IF 10/1 TAA	45 °C	-20 °C	50 °C
468322	14T8/48-4000 IF 10/1 DIM	45 °C	-20 °C	45 °C
469627	14T8/48-4000 IF 10/1 DIM TAA/ NAFTA	45 °C	-20 °C	45 °C
456921	15T8/48-5000 IF 10/1	45 °C	-20 °C	50 °C
464271	15T8/48-5000 IF 10/1 TAA	45 °C	-20 °C	50 °C
468330	14T8/48-5000 IF 10/1 DIM	45 °C	-20 °C	45 °C
469635	14T8/48-5000 IF 10/1 DIM TAA/ NAFTA	45 °C	-20 °C	45 °C
468694	10T8/48-2700 IF 10/1	45 °C	-20 °C	40 °C
452672	16.5T8/24-3500 IF-6U 10/1	45 °C	-20 °C	50 °C
452698	16.5T8/24-5000 IF-6U 10/1	45 °C	-20 °C	50 °C
456566	17T8/48-4000 IFG 10/1	35 °C	-20 °C	60 °C
456574	17T8/48-5000 IFG 10/1	35 °C	-20 °C	60 °C
456632	16.5PL-LED/24-3000 IF 10/1	45 °C	-20 °C	65 °C
456640	16.5PL-LED/24-3500 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
458364	8.5PL-C/T LED/26H-2700 IF 4P 10/1	35 °C	-20 °C	67 °C
458372	8.5PL-C/T LED/26H-3000 IF 4P 10/1	35 °C	-20 °C	67 °C
458380	8.5PL-C/T LED/26H-3500 IF 4P 10/1	35 °C	-20 °C	67 °C

Order Code	Full Product Name	T-Ambient (Max)	T-Ambient (Min)	T-Case Maximum (Nom)
458398	8.5PL-C/T LED/26H-4000 IF 4P 10/1	35 °C	-20 °C	67 °C
458406	10.5PL-C/T LED/26V-2700 IF 4P 10/1	35 °C	-20 °C	77 °C
458414	10.5PL-C/T LED/26V-3000 IF 4P 10/1	35 °C	-20 °C	77 °C
458422	10.5PL-C/T LED/26V-3500 IF 4P 10/1	35 °C	-20 °C	77 °C
458430	10.5PL-C/T LED/26V-4000 IF 4P 10/1	35 °C	-20 °C	77 °C
463117	20T12 EM LED/48-4000 IFG 10/1	-20 °C	35 °C	65 °C
463125	20T12 EM LED/48-6500 IFG 10/1	-20 °C	35 °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
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	24T5 LED/HO/48-3000 IF 10/1	45 °C	-20 °C	-
467134	24T5 LED/HO/48-3500 IF 10/1	45 °C	-20 °C	-
467142	24T5 LED/HO/48-4000 IF 10/1	45 °C	-20 °C	-
467159	24T5 LED/HO/48-5000 IF 10/1	45 °C	-20 °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	-	-	-
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

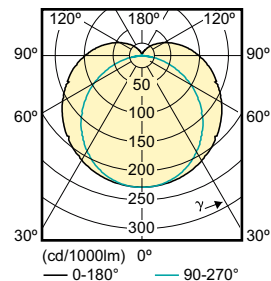
Light Distribution Diagrams



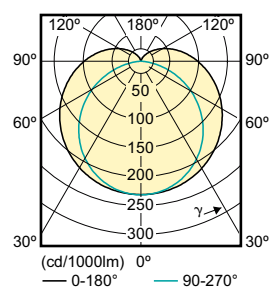
LEDtube 600 mm 8.5 W /830



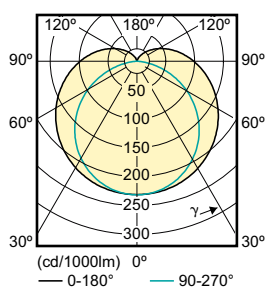
LEDtube 600 mm 8.5 W /835



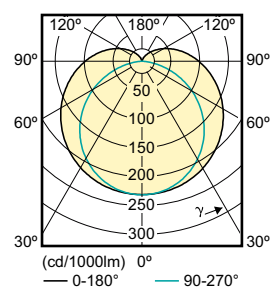
LEDtube 600 mm 8.5 W /850



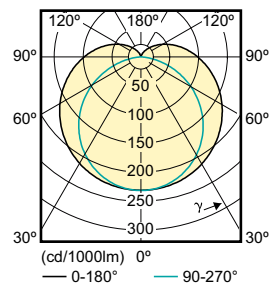
LEDtube 900 mm 10.5 W /830



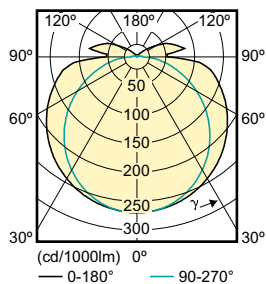
LEDtube 900 mm 10.5 W /835



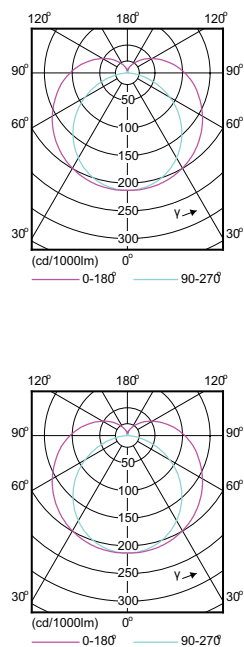
LEDtube 900 mm 10.5 W /840



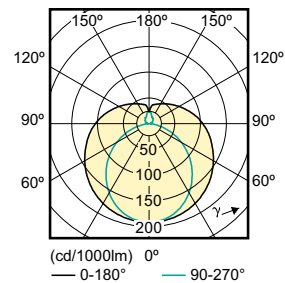
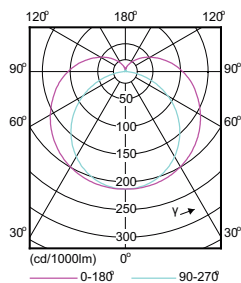
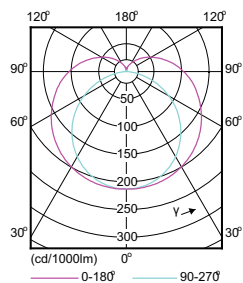
LEDtube 900 mm 10.5 W /850



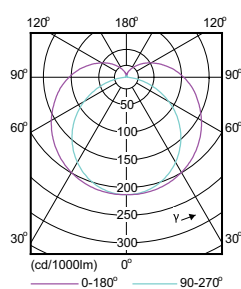
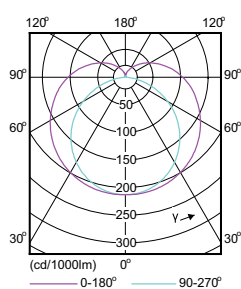
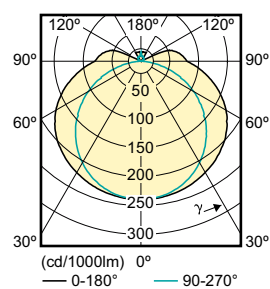
LEDtube 600mm 16.5 W



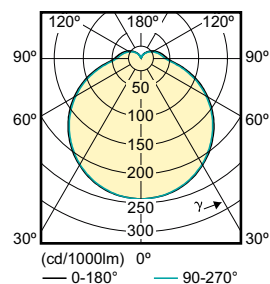
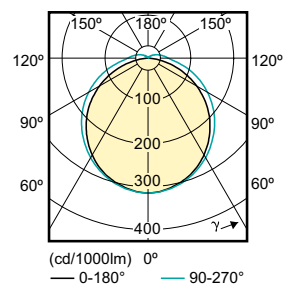
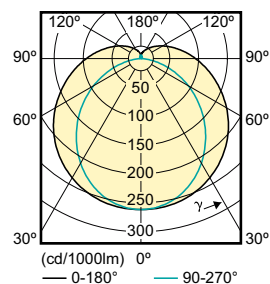
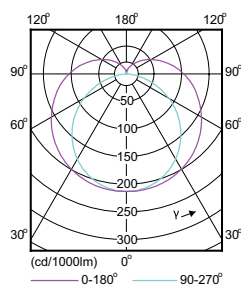
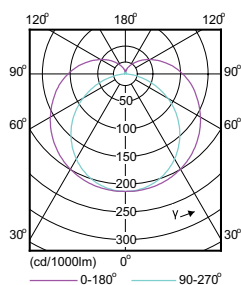
Light Distribution Diagrams



LEDtube 1200mm 17 W



LEDtube 500mm 16.5 W 2G11

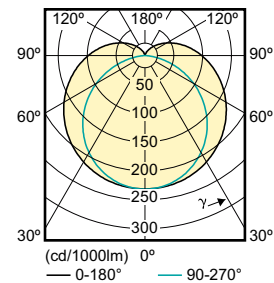
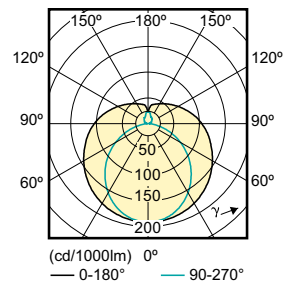


LED InstantFit T8 1200mm 16.5 W, 600mm 8.5 W /840

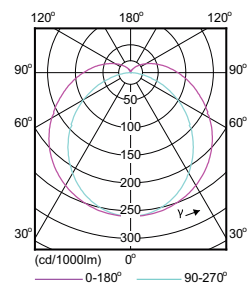
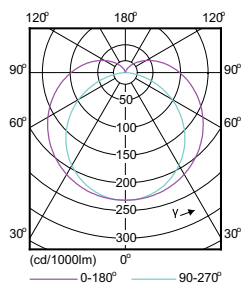
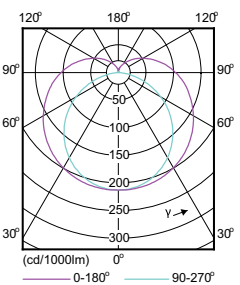
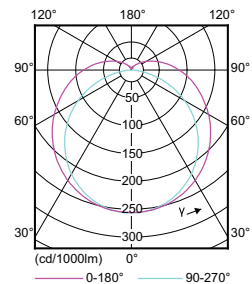
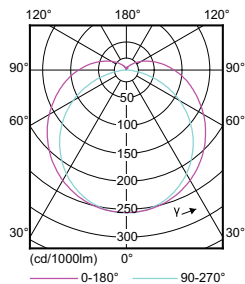
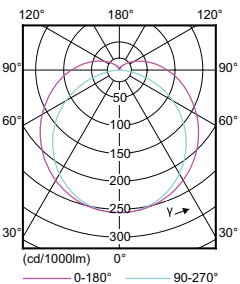
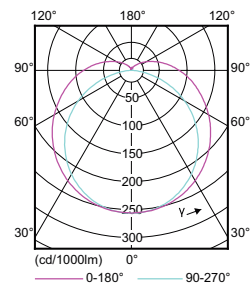
LED InstantFit PL-C/T 100mm 8.5 W

LED InstantFit PL-C/T 100mm 10.5 W

Light Distribution Diagrams



LEDtube 1200mm 18 W T8 C W G



Light Distribution Diagrams

