



Long life, extra low mercury

T8 Plus

Philips PLUS T8 lamps are energy-efficient lighting solutions and offer long life.

Benefits

- Sustainable lighting solution - only 1.7mg of mercury per lamp with ALTO II Technology
- Reduced impact on the environment without sacrificing performance

Features

- 95% lumen maintenance and reduced lamp-end blackening
- Available in multiple wattages: 17W, 25W, and 32W
- Available in multiple color temperatures: 3000K, 3500K, 4100K, 5000K, and 6500K (except 32 watt)

Application

- Ideal for applications where longer relamp cycles would be beneficial

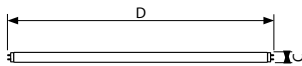
T8 Plus

Versions



G13, T8

Dimensional drawing



Product

F17T8/TL841/PLUS/ALTO 30PK
 F32T8/TL850 PLUS ALTO HV 30PK
 F17T8/TL835/PLUS/ALTO 30PK
 F32T8/TL835 PLUS ALTO 30PK
 F17T8/TL830/PLUS/ALTO 30PK
 F25T8/TL830/PLUS/ALTO 30PK
 F32T8/TL830 PLUS ALTO HV 30PK
 F25T8/TL835/PLUS/ALTO 30PK
 F17T8/TL865 PLUS/ALTO 30PK
 F25T8/TL841/PLUS/ALTO 30PK
 F32T8/TL841 PLUS ALTO HV 30PK
 F17T8/TL850/PLUS/ALTO 30PK

Approval and Application

Energy Saving Product	Energy Saving
Mercury (Hg) Content (Nom)	1.7 mg

General Information

Cap-Base	G13
Life 12-Hr Instant Start [Hrs]	36000 h
Life 3-Hr Instant Start [Hrs]	30000 h

Mechanical and Housing

Bulb Shape	T8
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Approval and Application

Order Code	Full Product Name	Picogram Per Lumen Hour
280933	F17T8/TL830/PLUS/ALTO 30PK	43 pg/lm.h
280941	F17T8/TL835/PLUS/ALTO 30PK	43 pg/lm.h
280958	F17T8/TL841/PLUS/ALTO 30PK	43 pg/lm.h
280966	F17T8/TL850/PLUS/ALTO 30PK	46 pg/lm.h
281931	F17T8/TL865 PLUS/ALTO 30PK	46 pg/lm.h

Order Code	Full Product Name	Picogram Per Lumen Hour
280974	F25T8/TL830/PLUS/ALTO 30PK	28 pg/lm.h
280982	F25T8/TL835/PLUS/ALTO 30PK	28 pg/lm.h
280990	F25T8/TL841/PLUS/ALTO 30PK	28 pg/lm.h
281659	F32T8/TL830 PLUS ALTO HV 30PK	20 pg/lm.h
281675	F32T8/TL835 PLUS ALTO 30PK	20 pg/lm.h

T8 Plus

Order Code	Full Product Name	Picogram Per Lumen Hour
281790	F32T8/TL841 PLUS ALTO HV 30PK	20 pg/lm.h

Order Code	Full Product Name	Picogram Per Lumen Hour
281816	F32T8/TL850 PLUS ALTO HV 30PK	21 pg/lm.h

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
280933	F17T8/TL830/PLUS/ALTO 30PK	17 W
280941	F17T8/TL835/PLUS/ALTO 30PK	17 W
280958	F17T8/TL841/PLUS/ALTO 30PK	17 W
280966	F17T8/TL850/PLUS/ALTO 30PK	17 W
281931	F17T8/TL865 PLUS/ALTO 30PK	17 W
280974	F25T8/TL830/PLUS/ALTO 30PK	25 W

Order Code	Full Product Name	Power (Rated) (Nom)
280982	F25T8/TL835/PLUS/ALTO 30PK	25 W
280990	F25T8/TL841/PLUS/ALTO 30PK	25 W
281659	F32T8/TL830 PLUS ALTO HV 30PK	32 W
281675	F32T8/TL835 PLUS ALTO 30PK	32 W
281790	F32T8/TL841 PLUS ALTO HV 30PK	32 W
281816	F32T8/TL850 PLUS ALTO HV 30PK	32 W

General Information

Order Code	Full Product Name	Life 12-Hr Programstart [Hrs]	Life 3-Hr Program Start [Hrs]
280933	F17T8/TL830/PLUS/ALTO 30PK	42000 h	36000 h
280941	F17T8/TL835/PLUS/ALTO 30PK	42000 h	36000 h
280958	F17T8/TL841/PLUS/ALTO 30PK	42000 h	36000 h
280966	F17T8/TL850/PLUS/ALTO 30PK	42000 h	36000 h
281931	F17T8/TL865 PLUS/ALTO 30PK	42000 h	36000 h
280974	F25T8/TL830/PLUS/ALTO 30PK	42000 h	36000 h

Order Code	Full Product Name	Life 12-Hr Programstart [Hrs]	Life 3-Hr Program Start [Hrs]
280982	F25T8/TL835/PLUS/ALTO 30PK	42000 h	36000 h
280990	F25T8/TL841/PLUS/ALTO 30PK	42000 h	36000 h
281659	F32T8/TL830 PLUS ALTO HV 30PK	44000 h	38000 h
281675	F32T8/TL835 PLUS ALTO 30PK	44000 h	38000 h
281790	F32T8/TL841 PLUS ALTO HV 30PK	44000 h	38000 h
281816	F32T8/TL850 PLUS ALTO HV 30PK	44000 h	38000 h

Light Technical

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color Temperature	Color Rendering	Design Mean Lumens	Luminous Flux (Nom)
				(Nom)	Index (Nom)		
280933	F17T8/TL830/PLUS/ALTO 30PK	TL830	TL830	3000 K	85	1310 lm	1375 lm
280941	F17T8/TL835/PLUS/ALTO 30PK	TL835	TL835	3500 K	85	1310 lm	1375 lm
280958	F17T8/TL841/PLUS/ALTO 30PK	TL841	TL841	4100 K	85	1310 lm	1375 lm
280966	F17T8/TL850/PLUS/ALTO 30PK	TL850	TL850	5000 K	82	1235 lm	1300 lm
281931	F17T8/TL865 PLUS/ALTO 30PK	TL865	TL865	6500 K	82	1235 lm	1300 lm
280974	F25T8/TL830/PLUS/ALTO 30PK	TL830	TL830	3000 K	85	2045 lm	2150 lm
280982	F25T8/TL835/PLUS/ALTO 30PK	TL835	TL835	3500 K	85	2045 lm	2150 lm
280990	F25T8/TL841/PLUS/ALTO 30PK	TL841	TL841	4100 K	85	2045 lm	2150 lm
281659	F32T8/TL830 PLUS ALTO HV 30PK	TL830	TL830	3000 K	85	2800 lm	2950 lm
281675	F32T8/TL835 PLUS ALTO 30PK	TL835	TL835	3500 K	85	2800 lm	2950 lm
281790	F32T8/TL841 PLUS ALTO HV 30PK	TL841	TL841	4100 K	85	2800 lm	2950 lm
281816	F32T8/TL850 PLUS ALTO HV 30PK	TL850	TL850	5000 K	82	2710 lm	2850 lm

