



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

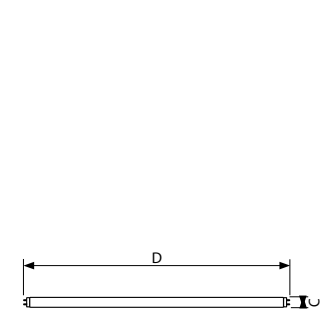
T8 Plus

Versions



G13, T8

Dimensional drawing



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

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

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

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 (Nom)	Color Rendering Index (Nom)	Design Mean Lumens	Luminous Flux (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