PHILIPS

T8 Standard



F_T8U

Extra low mercury

Philips T8 lamps are energy-efficient lighting solutions.

Benefits

- Better for the environment - only 1.7mg of mercury per lamp with ALTO II Technology
- Reduce maintenance costs by extending the relamping cycle

Applications

- Ideal for applications requiring maximum maintained light output.

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, and 5000K

Versions



T8 Standard Products

LPPR1 F-T8-ADV G13 GB





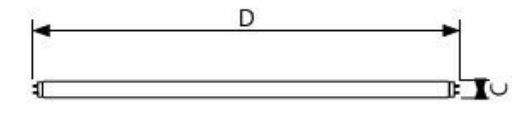
LPPR F-T8-Unv G13 GB



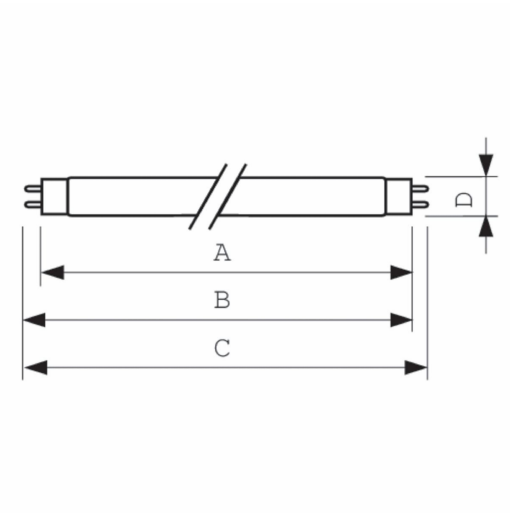
LPPR TL-D8G G13 T8

Data subject to change

Dimensional drawing

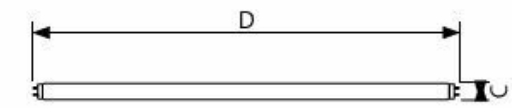


Product
F17T8/TL835/ALTO 30PK
F17T8/TL841/ALTO 30PK
F17T8/TL850 ALTO 30PK
F25T8/TL835/ALTO 30PK
F25T8/TL841/ALTO 30PK
F25T8/TL850 ALTO 30PK
F30T8/CW ALTO 30PK



Product
F32T8/TL840/ALTO 25PK
F32T8/TL850/ALTO 25PK
F32T8/TL865/ALTO 25PK

Product	C (max)	D (max)
F32T8/TL830/ALTO 30PK	1,213.6 mm	27.9 mm
F32T8/TL835/ALTO 30PK	1,213.6 mm	27.9 mm
F32T8/TL841/ALTO 30PK	1,213.6 mm	27.9 mm
F32T8/TL850/ALTO 30PK	1,213.6 mm	27.9 mm
F32T8/TL865/ALTO 30PK	1,213.6 mm	27.9 mm



General Information

Cap-Base	G13 [Medium Bi-Pin Fluorescent]

Light Technical

Beam Angle (Nom)	0 degree(s)

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Bulb Finish	Coated glass

Approval and Application

Energy Saving Product	Energy Saving
Energy Consumption kWh/1000 h	32.6 kWh

Light Technical

Order Code	Full Product Name	Luminous Flux	Color Designation	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)
927825503311	F30T8/CW ALTO 30PK	2,200 lm	Cool White (CW)	-	-	4100 K	>60
927803783005	F32T8/TL830/ALTO 30PK	2,975 lm	TL830	443	408	3000 K	≥80
927803783505	F32T8/TL835/ALTO 30PK	2,975 lm	TL835	412	400	3500 K	≥80
927803784105	F32T8/TL841/ALTO 30PK	2,975 lm	TL841	383	385	4100 K	≥80
927803785005	F32T8/TL850/ALTO 30PK	2,880 lm	TL850	347	362	5000 K	≥80
927803786505	F32T8/TL865/ALTO 30PK	2,875 lm	TL865	313	338	6500 K	≥80
927850083503	F17T8/TL835/ALTO 30PK	1,375 lm	TL835	-	-	3500 K	85
927850084102	F17T8/TL841/ALTO 30PK	1,375 lm	TL841	-	-	4100 K	85
927851083503	F25T8/TL835/ALTO 30PK	2,150 lm	TL835	-	-	3500 K	85
927851084102	F25T8/TL841/ALTO 30PK	2,150 lm	TL841	-	-	4100 K	85
927851085002	F25T8/TL850 ALTO 30PK	2,100 lm	TL850	-	-	5000 K	82
927850085003	F17T8/TL850 ALTO 30PK	1,300 lm	TL850	-	-	5000 K	82
927925484001	F32T8/TL840/ALTO 25PK	2,850 lm	TL840	-	-	4000 K	80
927925485001	F32T8/TL850/ALTO 25PK	2,850 lm	TL850	-	-	5000 K	80
927925486501	F32T8/TL865/ALTO 25PK	2,750 lm	TL865	-	-	6500 K	80

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Lamp Current (Nom)	Wattage Equivalent	Voltage (Nom)
927825503311	F30T8/CW ALTO 30PK	30 W	355 A	30 W	99 V

Order Code	Full Product Name	Power Consumption	Lamp Current (Nom)	Wattage Equivalent	Voltage (Nom)
927803783005	F32T8/TL830/ALTO 30PK	32 W	265 mA	32 W	137 V
927803783505	F32T8/TL835/ALTO 30PK	32 W	265 mA	32 W	137 V
927803784105	F32T8/TL841/ALTO 30PK	32 W	265 mA	32 W	137 V
927803785005	F32T8/TL850/ALTO 30PK	32 W	265 mA	32 W	137 V
927803786505	F32T8/TL865/ALTO 30PK	32 W	265 mA	32 W	137 V
927850083503	F17T8/TL835/ALTO 30PK	17 W	-	-	-
927850084102	F17T8/TL841/ALTO 30PK	17 W	-	-	-
927851083503	F25T8/TL835/ALTO 30PK	25 W	-	-	-
927851084102	F25T8/TL841/ALTO 30PK	25 W	-	-	-
927851085002	F25T8/TL850 ALTO 30PK	25 W	-	-	-
927850085003	F17T8/TL850 ALTO 30PK	17 W	-	-	-
927925484001	F32T8/TL840/ALTO 25PK	32 W	-	-	-
927925485001	F32T8/TL850/ALTO 25PK	32 W	-	-	-
927925486501	F32T8/TL865/ALTO 25PK	32 W	-	-	-

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
927825503311	F30T8/CW ALTO 30PK	T-8
927803783005	F32T8/TL830/ALTO 30PK	T-8
927803783505	F32T8/TL835/ALTO 30PK	T-8
927803784105	F32T8/TL841/ALTO 30PK	T-8
927803785005	F32T8/TL850/ALTO 30PK	T-8
927803786505	F32T8/TL865/ALTO 30PK	T-8
927850083503	F17T8/TL835/ALTO 30PK	T-8
927850084102	F17T8/TL841/ALTO 30PK	T-8
927851083503	F25T8/TL835/ALTO 30PK	T-8
927851084102	F25T8/TL841/ALTO 30PK	T-8
927851085002	F25T8/TL850 ALTO 30PK	T-8
927850085003	F17T8/TL850 ALTO 30PK	T-8
927925484001	F32T8/TL840/ALTO 25PK	T8
927925485001	F32T8/TL850/ALTO 25PK	T8
927925486501	F32T8/TL865/ALTO 25PK	T8

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
927825503311	F30T8/CW ALTO 30PK	1.9 mg	1.5 mg
927803783005	F32T8/TL830/ALTO 30PK	1.7 mg	1.7 mg
927803783505	F32T8/TL835/ALTO 30PK	1.7 mg	1.7 mg
927803784105	F32T8/TL841/ALTO 30PK	1.7 mg	1.7 mg
927803785005	F32T8/TL850/ALTO 30PK	1.7 mg	1.7 mg

Order Code	Full Product Name	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
927803786505	F32T8/TL865/ALTO 30PK	1.7 mg	1.7 mg
927850083503	F17T8/TL835/ALTO 30PK	-	1.7 mg
927850084102	F17T8/TL841/ALTO 30PK	-	1.7 mg
927851083503	F25T8/TL835/ALTO 30PK	-	1.7 mg
927851084102	F25T8/TL841/ALTO 30PK	-	1.7 mg
927851085002	F25T8/TL850 ALTO 30PK	-	1.7 mg
927850085003	F17T8/TL850 ALTO 30PK	-	1.7 mg
927925484001	F32T8/TL840/ALTO 25PK	-	2.0 mg
927925485001	F32T8/TL850/ALTO 25PK	-	2.0 mg
927925486501	F32T8/TL865/ALTO 25PK	-	2.0 mg

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