



Extra low mercury

T8 Standard

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

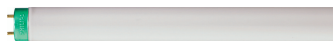
Features

- 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

Application

- Ideal for applications requiring maximum maintained light output.

Versions

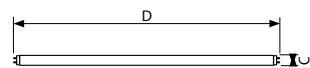
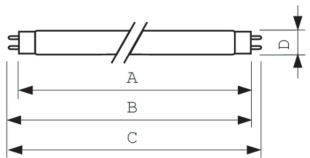
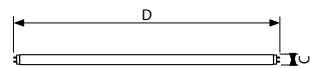


T8 Standard Products

LPPR TL-D8G G13 T8

T8 Standard

Dimensional drawing



Product
F17T8/SUPER 86/ALTO 30PK
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

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Flux
927825503311	F30T8/CW ALTO 30PK	-	-	-	Cool White (CW)	4100 K	>60	2,200 lm
927803783005	F32T8/TL830/ALTO 30PK	0 degree(s)	443	408	TL830	3000 K	≥80	2,975 lm
927803783505	F32T8/TL835/ALTO 30PK	0 degree(s)	412	400	TL835	3500 K	≥80	2,975 lm
927803784105	F32T8/TL841/ALTO 30PK	0 degree(s)	383	385	TL841	4100 K	≥80	2,975 lm
927803785005	F32T8/TL850/ALTO 30PK	0 degree(s)	347	362	TL850	5000 K	≥80	2,880 lm
927803786505	F32T8/TL865/ALTO 30PK	0 degree(s)	313	338	TL865	6500 K	≥80	2,875 lm

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Order Code	Full Product Name	Beam Angle (Nom)	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Flux
			Coordinate X (Nom)	Coordinate Y (Nom)				
927842076501	F17T8/SUPER 86/ALTO 30PK	-	-	-	Super 86	6500 K	82	1,150 lm
927850083503	F17T8/TL835/ALTO 30PK	-	-	-	TL835	3500 K	85	1,375 lm
927850084102	F17T8/TL841/ALTO 30PK	-	-	-	TL841	4100 K	85	1,375 lm
927851083503	F25T8/TL835/ALTO 30PK	-	-	-	TL835	3500 K	85	2,150 lm
927851084102	F25T8/TL841/ALTO 30PK	-	-	-	TL841	4100 K	85	2,150 lm
927851085002	F25T8/TL850 ALTO 30PK	-	-	-	TL850	5000 K	82	2,100 lm
927850085003	F17T8/TL850 ALTO 30PK	-	-	-	TL850	5000 K	82	1,300 lm
927925484001	F32T8/TL840/ALTO 25PK	-	-	-	TL840	4000 K	80	2,850 lm
927925485001	F32T8/TL850/ALTO 25PK	-	-	-	TL850	5000 K	80	2,850 lm
927925486501	F32T8/TL865/ALTO 25PK	-	-	-	TL865	6500 K	80	2,750 lm

Operating and Electrical

Order Code	Full Product Name	Lamp			
		Current (Nom)	Voltage (Nom)	Power Consumption	Wattage Equivalent
927825503311	F30T8/CW ALTO 30PK	355 A	99 V	30 W	30 W
927803783005	F32T8/TL830/ALTO 30PK	265 mA	137 V	32 W	32 W
927803783505	F32T8/TL835/ALTO 30PK	265 mA	137 V	32 W	32 W
927803784105	F32T8/TL841/ALTO 30PK	265 mA	137 V	32 W	32 W
927803785005	F32T8/TL850/ALTO 30PK	265 mA	137 V	32 W	32 W
927803786505	F32T8/TL865/ALTO 30PK	265 mA	137 V	32 W	32 W
927842076501	F17T8/SUPER 86/ALTO 30PK	-	-	17 W	-
927850083503	F17T8/TL835/ALTO 30PK	-	-	17 W	-

Order Code	Full Product Name	Lamp			
		Current (Nom)	Voltage (Nom)	Power Consumption	Wattage Equivalent
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	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
927825503311	F30T8/CW ALTO 30PK	-
927803783005	F32T8/TL830/ALTO 30PK	Yes
927803783505	F32T8/TL835/ALTO 30PK	Yes
927803784105	F32T8/TL841/ALTO 30PK	Yes
927803785005	F32T8/TL850/ALTO 30PK	Yes
927803786505	F32T8/TL865/ALTO 30PK	Yes
927842076501	F17T8/SUPER 86/ALTO 30PK	-
927850083503	F17T8/TL835/ALTO 30PK	-

Order Code	Full Product Name	Dimmable
927850084102	F17T8/TL841/ALTO 30PK	-
927851083503	F25T8/TL835/ALTO 30PK	-
927851084102	F25T8/TL841/ALTO 30PK	-
927851085002	F25T8/TL850 ALTO 30PK	-
927850085003	F17T8/TL850 ALTO 30PK	-
927925484001	F32T8/TL840/ALTO 25PK	-
927925485001	F32T8/TL850/ALTO 25PK	-
927925486501	F32T8/TL865/ALTO 25PK	-

Mechanical and Housing

T8 Standard

Order Code	Full Product Name	Bulb Finish	Bulb Shape
927825503311	F30T8/CW ALTO 30PK	Coated glass	T-8
927803783005	F32T8/TL830/ALTO 30PK	Coated glass	T-8
927803783505	F32T8/TL835/ALTO 30PK	Coated glass	T-8
927803784105	F32T8/TL841/ALTO 30PK	Coated glass	T-8
927803785005	F32T8/TL850/ALTO 30PK	Coated glass	T-8
927803786505	F32T8/TL865/ALTO 30PK	Coated glass	T-8
927842076501	F17T8/SUPER 86/ALTO 30PK	-	T-8
927850083503	F17T8/TL835/ALTO 30PK	-	T-8

Order Code	Full Product Name	Bulb Finish	Bulb Shape
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	Energy	Energy	Mercury	Mercury
		Consumption	Saving	(Hg)	(Hg)
		kWh/1000 h	Product	Content	Content
				(Max)	(Nom)
927825503311	F30T8/CW ALTO 30PK	-	-	1.9 mg	1.5 mg
927803783005	F32T8/TL830/ALTO 30PK	32.6 kWh	Energy Saving	1.7 mg	1.7 mg
927803783505	F32T8/TL835/ALTO 30PK	32.6 kWh	Energy Saving	1.7 mg	1.7 mg
927803784105	F32T8/TL841/ALTO 30PK	32.6 kWh	Energy Saving	1.7 mg	1.7 mg
927803785005	F32T8/TL850/ALTO 30PK	32.6 kWh	Energy Saving	1.7 mg	1.7 mg
927803786505	F32T8/TL865/ALTO 30PK	32.6 kWh	Energy Saving	1.7 mg	1.7 mg
927842076501	F17T8/SUPER 86/ALTO 30PK	-	Energy Saving	-	1.7 mg
927850083503	F17T8/TL835/ALTO 30PK	-	Energy Saving	-	1.7 mg

Order Code	Full Product Name	Energy	Energy	Mercury	Mercury
		Consumption	Saving	(Hg)	(Hg)
		kWh/1000 h	Product	Content	Content
				(Max)	(Nom)
927850084102	F17T8/TL841/ALTO 30PK	-	Energy Saving	-	1.7 mg
927851083503	F25T8/TL835/ALTO 30PK	-	Energy Saving	-	1.7 mg
927851084102	F25T8/TL841/ALTO 30PK	-	Energy Saving	-	1.7 mg
927851085002	F25T8/TL850 ALTO 30PK	-	Energy Saving	-	1.7 mg
927850085003	F17T8/TL850 ALTO 30PK	-	Energy Saving	-	1.7 mg
927925484001	F32T8/TL840/ALTO 25PK	-	Energy Saving	-	2.0 mg
927925485001	F32T8/TL850/ALTO 25PK	-	Energy Saving	-	2.0 mg
927925486501	F32T8/TL865/ALTO 25PK	-	Energy Saving	-	2.0 mg

