

Environmentally Responsible Lamps

U-Bent Rapid Start T8

Philips leads the industry with the lowest level mercury technology. Reducing the mercury level (source reduction) during the manufacturing phase is essential to creating products that are less harmful to the environment.

Benefits

- Sustainable Lighting Solution with ALTO Lamp Technology - low mercury and energy efficient.
- 95% Lumen Maintenance.
- 24 month warranty period.

Features

- Full Line of 6" Leg Spacing.
- Outstanding Lumen Performance.
- HI-VISION® Phosphor.
- Reduces the impact on the environment.
- Low mercury.
- Energy efficient.
- Available in 32 watts with 3000,3500, 4100, and 5000 color Temperatures.

Application

- Ideal for commercial applications with 2' x 2' fixtures.

Warnings and Safety

- Lamp contains mercury.
- Manage in Accord with Disposal Laws.
- See: www.lamprecycle.org or 1-800-555-0050

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Versions



Medium Bi-Pin Fluorescent U-bent

T 8/8 inch with 6" spacing

Dimensional drawing

Product
FB32T8/TL830/6 ALTO 20PK
FB32T8/TL835/6 ALTO 20PK
FB32T8/TL841/6 ALTO 20PK
FB32T8/TL850/6 ALTO 20PK
FB31T8/TL830/ALTO 15/1
FB31T8/TL835/ALTO 15/1
FB31T8/TL841/ALTO 15/1

Approval and application	
Energy Saving Product	Energy Saving
Mercury (Hg) Content (Nom)	3.0 mg
General information	
Cap-Base	G13

Approval and application

Order Code	Full Product Name	Picogram Per Lumen Hour
378976	FB32T8/TL830/6 ALTO 20PK	59 pg/lm.h
379008	FB32T8/TL835/6 ALTO 20PK	59 pg/lm.h
379024	FB32T8/TL841/6 ALTO 20PK	59 pg/lm.h
378802	FB32T8/TL850/6 ALTO 20PK	60 pg/lm.h

Order Code	Full Product Name	Picogram Per Lumen Hour
226712	FB31T8/TL830/ALTO 15/1	-
226720	FB31T8/TL835/ALTO 15/1	-
226746	FB31T8/TL841/ALTO 15/1	-

Operating and electrical

Order Code	Full Product Name	Power (Nom)
378976	FB32T8/TL830/6 ALTO 20PK	32 W
379008	FB32T8/TL835/6 ALTO 20PK	32 W
379024	FB32T8/TL841/6 ALTO 20PK	32 W
378802	FB32T8/TL850/6 ALTO 20PK	32 W

Order Code	Full Product Name	Power (Nom)
226712	FB31T8/TL830/ALTO 15/1	31 W
226720	FB31T8/TL835/ALTO 15/1	31 W
226746	FB31T8/TL841/ALTO 15/1	31 W

General information

Order Code	Full Product Name	Life 3-Hr Start [Hrs]
378976	FB32T8/TL830/6 ALTO 20PK	20000 h
379008	FB32T8/TL835/6 ALTO 20PK	20000 h

Order Code	Full Product Name	Life 3-Hr Start [Hrs]
379024	FB32T8/TL841/6 ALTO 20PK	20000 h
378802	FB32T8/TL850/6 ALTO 20PK	20000 h

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Order Code	Full Product Name	Life 3-Hr Start [Hrs]
226712	FB31T8/TL830/ALTO 15/1	24000 h
226720	FB31T8/TL835/ALTO 15/1	24000 h

Order Code	Full Product Name	Life 3-Hr Start [Hrs]
226746	FB31T8/TL841/ALTO 15/1	24000 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)
378976	FB32T8/TL830/6 ALTO 20PK	TL830	TL830	3000 K	85	2535 lm	2800 lm
379008	FB32T8/TL835/6 ALTO 20PK	TL835	TL835	3500 K	85	2535 lm	2800 lm
379024	FB32T8/TL841/6 ALTO 20PK	TL841	TL841	4100 K	85	2535 lm	2800 lm
378802	FB32T8/TL850/6 ALTO 20PK	TL850	TL850	5000 K	84	2500 lm	2750 lm
226712	FB31T8/TL830/ALTO 15/1	TL830	TL830	3000 K	85	2430 lm	2750 lm
226720	FB31T8/TL835/ALTO 15/1	TL835	TL835	4100 K	85	2430 lm	2750 lm
226746	FB31T8/TL841/ALTO 15/1	TL841	-	4100 K	85	2430 lm	2750 lm

Mechanical and housing

Order Code	Full Product Name	Bulb Shape
378976	FB32T8/TL830/6 ALTO 20PK	T8-6U
379008	FB32T8/TL835/6 ALTO 20PK	T8-6U
379024	FB32T8/TL841/6 ALTO 20PK	T8-6U
378802	FB32T8/TL850/6 ALTO 20PK	T8-6U

Order Code	Full Product Name	Bulb Shape
226712	FB31T8/TL830/ALTO 15/1	T8-1-5/8U
226720	FB31T8/TL835/ALTO 15/1	T8-1-5/8U
226746	FB31T8/TL841/ALTO 15/1	T8-1-5/8U

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