

PRODUCT DATASHEET

FP ECO 14W 835

SYLVANIA PENTRON® 800 ECOLOGIC® High Performance T5 Linear Fluorescent Lamps | High performance T5 lamps offering flexible design and crisp, quality light



Areas of application

- Cove and valance
- Direct/indirect luminaires
- Façade luminaires
- Low profile surface mount
- Shallow recessed fixtures
- Showcase
- Signage

Product features

- Up to 104 LPW
- 95 % lumen rating ensures light levels are maintained while saving energy
- Peak lumen output at 95°F (35°C)
- Dimmable
- Ideal for occupancy sensor
- Up to 36,000 hours lamp life
- TCLP and RoHS compliant
- Lead free glass
- Greater luminaire design flexibility
- CRI 85

TECHNICAL DATA

Electrical data

Nominal wattage	14 W
Construction wattage	14.00 W

Photometrical data

Luminous flux	1200 lm
Luminous efficacy	85 lm/W
Color temperature	3500 K
Color rendering index Ra	85
Light color	835

Dimensions & Weight

Overall length	563.19 mm
Diameter	17.00 mm
Product weight	53.86 g

Additional product data

Base (standard designation)	G5
Mercury content	2.5 mg
NAED	20908

Country-specific categorizations

Order reference	14W/835 VS40
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G5
Length	609.60 mm
Height	17.00 mm
Width	17.00 mm

Safety advice

- PENTRON ECO lamps are about 2" shorter than T8 & T12 Bi-Pin lamps.
- Miniature Bi-Pin bases will not install into T8 & T12 sockets.
- Miniature Bi-Pin bases require UL Listed 600 Volt rated sockets.
- Requires programmed rapid start electronic ballasts with end-of-lamp life sensing circuit.
- PENTRON ECO should be operated at same current between all nominal lengths.
- Apply thermal factor in calculations for use in exterior or unheated applications.

DOWNLOAD DATA

Documents and certificates		Document name
	Product information bulletin	PENTRON ECOLOGIC T5 Fluorescent Lamps

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
0046135209086	Unpacked 1			
10046135209083	Shipping box 40	594 mm x 206 mm x 84 mm	2409.00 g	10.27 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.