

PRODUCT DATASHEET

FO XP ECO3 32 850

SYLVANIA OCTRON® 800 XP® EXtended Performance ECOLOGIC®3 Fluorescent Lamps | XP T8 lamps with longer life, better color, and higher maintained lumens



Areas of application

- Healthcare
- Industrial lighting
- Offices
- Retail
- Education

Product features

- Superior performance lamps for existing 800 series T8 instant start systems
- Higher initial and mean lumens
- Improved CRI – 85
- Extend relamp cycles & reduce lighting maintenance costs
- 2-ft, 3-ft, and 4-ft available CCTS: 3000K, 3500K, 4100K, 5000K, and 6500K
- 5-ft available in 4100K
- 40,000 hours average life @ 12 hrs/start on IS ballasts
- Longer life on programmed rapid start ballasts: 42,000 hours life @ 12 hrs/start
- 94 % mean lumens
- Lead-free, TCLP, & RoHS compliant
- ECOLOGIC3 represents a more comprehensive approach to sustainability encompassing high efficiency, long life and RoHS/TCLP compliance



TECHNICAL DATA

Additional product data

Base type	G13
Mercury content	2.5 mg
Ordering Abbreviation	FO32850XPECO3
Abbrev. With Packaging Info.	FO32850XPECO3 30/CS 1/SKU
SKU UPC	0046135220265
NAED	22026
Family Brand Name	OCTRON® 800 XP® ECOLOGIC®3
General Description	32W, 48" MOL, T8 OCTRON Extended Performance (XP) fluorescent lamp, 5000K color temperature, rare earth phosphor, 85 CRI, suitable for IS or RS operation, ECOLOGIC®3

Electrical data

Nominal Wattage	32.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body

Photometrical data

Lumens	3000 lm
Efficacy	93.75
Color Temperature/CCT	5000 K
Color Rendering Index (CRI)	85
Light color	850
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body

Dimensions & Weight

Overall length	1213.61 mm
Diameter	1.02 in
Tube diameter	26 mm
Product weight	0.34 lb

Materials & Colors

Bulb shape	T8
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Application & Mounting

Starting Method	RAPID & INSTANT START
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Lifespan

Service life	18000 h ¹⁾
Average Rated Life (hr)	40000
Life at 12 hrs./start on IS ballasts	40000
Life at 12 hrs./start on PRS ballasts	42000
Life at 3 hrs./start on IS ballasts	24000
Life at 3 hrs./start on PRS ballasts	40000

1) With preheat ECG

Logistical data

SKU Qty	1
Case Qty	30
Case Length (in)	49.173
Case Width (in)	7.795
Case Depth (in)	6.457
Case Cube (ft)	1.432
Case Weight (lbs)	11.389
SKU UPC	0046135220265
Pallet Qty	1,050

Safety advice

- Lamp starting down to 0°F (dependent on ballast).
- Operation below 50°F may affect lumen output or lamp operation
- For cold temp applications, use in enclosed fixtures or use tube guards to maximize performance.
- For rapid start operation, check with ballast manufacturer for ground plane requirements.
- For maximum energy savings, operate on high efficiency electronic instant start ballast.
- Contains Mercury – Dispose of according to Local, State or Federal laws

DOWNLOAD DATA

Spec Sheets and Product Documents		Document name
	Product Family Spec Sheet	SYLVANIA OCTRON® 800 XP® ECOLOGIC®3

DISCLAIMER

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