

PRODUCT DATASHEET

FO ECO 32 841

SYLVANIA OCTRON® 800 ECOLOGIC® Fluorescent Lamps | Quality T8 lamps delivering improved color rendering over 700 series lamps



Areas of application

- Cove
- Recessed troffer
- Strip light fixture
- Valance

Product features

- Energy efficient T8 lamp
- Lead-free, TCLP, & RoHS compliant
- Compatible with QUICKTRONIC® electronic ballasts
- Available in 2ft, 3ft, 4ft, and 5ft nominal lengths
- 2ft, 3ft, and 5ft available in 3000K, 3500K, and 4100K with 82 CRI
- 4ft available in 3000K, 3500K, 4100K, 5000K and 6500K with 85 or 80 CRI (high CCTs)
- Average rated life on PRS ballast 30,000 at 3 hr/start and 36,000 hr/start
- Average rated life on IS ballast 24,000 at 3 hr/start and 30,000 hr/start
- 4ft lamps IS life = 21,000 hrs @ 3hrs/start and 30,000 hrs @ 12hrs/start
- Initial Lumens: 2ft = 1,350; 3ft = 2,150; 4ft = 2,950 (3000-5000K) and 2,850 (6500K)
- 2ft = 17W; 3ft = 25W, 4ft = 32W, 5ft = 40W



TECHNICAL DATA

Additional product data

Base type	G13
Mercury content	1.7 mg
Ordering Abbreviation	FO32841ECO
Abbrev. With Packaging Info.	FO32841ECO 30/CS 1/SKU
SKU UPC	0046135217814
NAED	21781
Family Brand Name	OCTRON® 800, ECOLOGIC®
General Description	32W, 48" MOL, T8 OCTRON fluorescent lamp, 4100K color temperature, rare earth phosphor, 85 CRI, suitable for IS or RS operation, ECOLOGIC

Electrical data

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

Photometrical data

Lumens	2975 lm
Efficacy	92.968
Color Temperature/CCT	4100 K
Color Rendering Index (CRI)	85
Light color	841
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)	30000
Life at 12 hrs./start on IS ballasts	30000
Life at 12 hrs./start on PRS ballasts	36000
Life at 3 hrs./start on IS ballasts	21000
Life at 3 hrs./start on PRS ballasts	30000

1) With preheat ECG

Logistical data

SKU Qty	1
Case Qty	30
Case Length (in)	48.593
Case Width (in)	7.046
Case Depth (in)	6.234
Case Cube (ft)	1.235
Case Weight (lbs)	13.085
SKU UPC	0046135217814
Pallet Qty	1,050

Safety advice

- Lamps starting down to -20°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 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	OCTRON 800 ECOLOGIC Fluorescent Lamps

DISCLAIMER

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