# OCTRON® VIVID VALUE ECOLOGIC®

## Fluorescent Lamps




### Key Features & Benefits

- High CRI for color critical applications
- TCLP compliant
- Lead-free glass
- Compatible with OSRAM QUICKTRONIC® electronic ballasts
- QUICK 60+® System Warranty

ECOLOGIC® is a comprehensive program of SYLVANIA focused on addressing environmental issues at all stages of lamp life.

ECOLOGIC®

MADE IN USA with US and imported parts

LEAD-FREE

RoHS compliant

This light source meets restrictions on hazardous substances consistent with CA AB1109.

OCTRON VIVID VALUE ECOLOGIC T8 lamps provide exceptional color rendering with a 90 CRI for color critical applications and outstanding value for the price oriented end-user. Available in a wide range of color temperatures, these lamps have a rated lamp life of up to 22,500 hours on instant start and up to 27,000 hours on programmed start ballasts at 12 hours per start. Pair OCTRON VIVID T8 lamps with OSRAM QUICKTRONIC electronic ballasts for coverage by the comprehensive QUICK 60+ system warranty.

### Product Offering

| Lamp Type | Wattage | CCT |
|---|---|---|
| F032 | 32 | 3500K, 4100K, 5000K, 6500K |

### Application Information

**Application Notes**

1. OCTRON lamps should be operated only with magnetic rapid start ballasts designed to operate 265 mA, T-8 lamps or high frequency (electronic) ballasts that are either instant start, rapid start or programmed rapid start specifically designed to operate T8 lamps. OCTRON lamps may be operated on instant start or programmed rapid start ballasts with ballast factors ranging from a minimum of 0.71 to a maximum of 1.20 at the nominal ballast input voltage (see ballast specs for details). When OCTRON lamps are operated in the instant start mode, the two contacts (bi-pin lamps) of each rapid start lampholder/socket should be connected to each other or use “shunted” "Circle I" lampholders/sockets for instant start bi-pin lamps. Always disconnect power before servicing/installation and wire per the ballast schematics and National Electric Code.
2. Lamps starting down to -20°F (dependent on ballast).
3. Operation below 50°F may affect lumen output or lamp operation.
4. For cold temperature applications, use in enclosed fixture or use tube guards to maximize lamp performance.
5. For rapid start operation, check with ballast manufacturer for ground plane requirement.
6. For maximum energy savings, operate on electronic instant start ballast.

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## Specification Data

| | |
|---|---|
| Catalog # | Type |
| Project/Job | |
| SYLVANIA Lamp | |
| SYLVANIA Ballast | |
| Prepared by | |

## Ordering Information

| Item Number | Ordering Abbreviation | Nominal Length | Base | Lamp Shape | Average Rated Life: Instant Start 3 hrs/ start | Instant Start 12 hrs/ start | Prog. Rapid Start 3 hrs/ start | Prog. Rapid Start 12 hrs/ start | Initial Lumens | Mean Lumens[1] | CCT | CRI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22437 | FO32/V35/ECO | 48 | Medium Bi-Pin | T8 | 18,000 | 22,500 | 22,500 | 27,000 | 2450 | 2250 | 3500K | 90 |
| 22438 | FO32/V41/ECO | 48 | Medium Bi-Pin | T8 | 18,000 | 22,500 | 22,500 | 27,000 | 2450 | 2250 | 4100K | 90 |
| 22439 | FO32/V50/ECO | 48 | Medium Bi-Pin | T8 | 18,000 | 22,500 | 22,500 | 27,000 | 2450 | 2250 | 5000K | 90 |
| 22440 | FO32/V65/ECO | 48 | Medium Bi-Pin | T8 | 18,000 | 22,500 | 22,500 | 27,000 | 2400 | 2210 | 6500K | 90 |

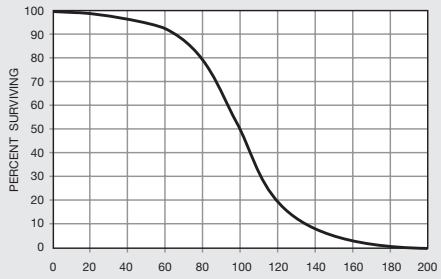
1. Mean Lumens measured at 40% of rated life.

## Ordering Guide

| FO | 32 | / | V | 35 | / | ECO |
|---|---|---|---|---|---|---|
| Fluorescent OCTRON | Wattage: 32 watts | | V=VIVID VALUE | 35 = 3500K CCT, 41 = 4100K CCT, 50 = 5000K CCT, 65 = 6500K CCT | | ECOLOGIC |

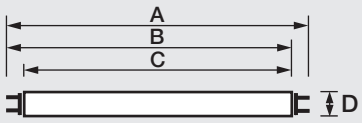
## Technical Information

### Typical Fluorescent Lamp Mortality




### Lamp Dimensions

| | (A) Max. Overall Length (in.) | (B) Base Face to Opposite Pin (in.) | (C) Max. Base Face to Base Face (in.) | (D) Max. Outside Diameter (in.) |
|---|---|---|---|---|
| FO32 | 47.78" | Min. 47.70"<br>Max. 47.50" | 47.22" | 1.1" |




## Sample Specification

Lamp(s) shall be an OCTRON® VIVID VALUE ECOLOGIC® lamp(s) (FO32/V00) having medium bi-pin base. Lamp(s) shall be designed to pass the Federal TCLP test in force at the time of manufacture. Lamp(s) shall have a correlated color temperature of (3500K, 4100K, 5000K or 6500K) and a CRI of (90). The OCTRON lamp(s) shall be operated on dedicated OSRAM QUICKTRONIC® ballast(s) with complete system warranty from one manufacturer covering lamp(s) and ballast(s).

## Related Literature

**For maximum energy savings consider pairing with the following electronic ballast:**

OSRAM Ballast Technology Applications & Specification Guide (Literature Code: ECS-SPECGUIDE2013)

QUICK 60+® System Warranty (Literature Code: ECS140)

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