**SYLVANIA QUICKTRONIC ICE**

**Universal Voltage**

**Electrodeless Fluorescent Systems**

**Lamp / Ballast Guide**

**System Information**

**Key System Features**

- 100,000 Hour lamp life
- Instant on / Instant restrike
- Universal voltage
- 100% Ballast factor or higher
- High luminous efficacy
- Quiet operation
- High power factor
- Low harmonic distortion
- UL, CSA, FCC

**Application Information**

SYLVANIA QUICKTRONIC ICE is ideally suited for:

- Commercial
- Retail
- Sign lighting
- Street lighting
- Tunnel lighting

**System ICE features:**

- Operation from a line voltage of either 120V or 277V
- A special wire/connector system required for inductively coupled systems.
- Inductively coupled lamp design:
  - eliminates the use of filaments inside the lamp, removing one of the life limiting factors of a fluorescent lamp
  - reduces blackening
  - provides an average rated life of 100,000 hours with maximum energy efficiency

Lamp amalgam tip position will affect light output at various temperatures.

A complete ICETRON system design guide (literature code FL022) is available to assist with proper fixture design for thermal management to achieve system performance and rated life.

QUICKTRONIC ICE is available in two case configurations, UL Type 1 or Type 2 Outdoor rated. The Type 1 models are suitable for general applications and the Type 2 models are ideal for harsh environments, such as damp or wet locations.
ICETRON®

Performance Guide

*Models rated UL Type 1 ("T" suffix) are designed for general lighting applications. Models rated UL Type 2 ("W" suffix) provide protection from water intrusion and are suitable for damp or wet locations.

Specifications

Starting Method: I.C.E.
Circuit Type: I.C.E.
Lamp Frequency: 200-300kHz
Starting Temp: -40°F (-40°C)
-13°F (-25°C) for 70W lamp
Input Frequency: 50/60 Hz
Low THD: <15%
Power Factor: >90%
Voltage Range: ±10% of 120-277V
rated line (108-305V)
UL Listed Class P, Type 1 or Type 2, Outdoor
CSA Certified
Temp. Test Point (Tc) on ballast label:
70°C Max (150W)
65ºC Max (100W)
FCC 47CFR Part 18 Non-Consumer
Sound Rated A
ANSI C62.41 Cat. A Transient Protection
Remote Mounting: contact OSRAM SYLVANIA

Electrodeless Fluorescent Systems Universal Voltage (120-277V)

Use only with Sylvania ICETRON lamps (for additional lamp types contact OSRAM SYLVANIA).

Type 1 Wiring: Connector (No leads provided)
Input: Use solid copper wire only
18 AWG, strip length 3/8"
Output: Use only output connector with Sylvania ICETRON® 2P lamps listed above

Type 2 Wiring:
Input: Integral lead wires, 600V, 18 AWG solid copper, approx 24" length
Output: Wire harness, approx 24" length with mating connector to lamp wiring harness

Type 1 Dimensions:
Overall: 7.15" L x 3.96" W x 1.70" H
Mounting: 6.70" L x 1.90" W
Packaging:
Quantity: 5
Weight: 1.9 lbs ea. (approx.)

Type 2 Dimensions:
Overall: 7.10" L x 4.30" W x 1.70" H
Mounting: 6.70" L x 1.90" W
Packaging:
Quantity: 5
Weight: 2.5 lbs ea. (approx.)

System Life / Warranty

QuicKTRONIC products are covered by our QuicK 60+® warranty; a comprehensive lamp and ballast system warranty. For additional details, refer to our QuicK 60+ warranty bulletin.

OSRAM SYLVANIA
National Customer Service and Sales Center
1-800-LIGHTBULB
(1-800-544-4828)
www.sylvania.com

1: Rated lumens and performance data based on SYLVANIA ICETRON lamps.
Use only with SYLVANIA ICETRON lamps (for additional lamp types contact OSRAM SYLVANIA).

Item Number Lamp Description Item Number Lamp Description Item Number Lamp Description
26087 ICE70/835/2P 26102 ICE100/835/2P 26152 ICE150/835/2P
26088 ICE70/841/2P 26103 ICE100/841/2P 26155 ICE150/841/2P
26089 ICE70/850/2P 26105 ICE100/850/2P 26154 ICE150/BL/2P/ECO (black light)
26161 ICE100/841/R/2P/ECO (reflector) 26154 ICE150/BL/2P/ECO (black light)
26106 ICE100/BL/2P/ECO (black light)

Specifications subject to change without notice.