

# PENTRON® Circline T5

## Fluorescent Lamps

SYLVANIA PENTRON Circline lamps are high lumen output circular shaped T5 diameter lamps that deliver up to 70% more lumens than T9, rapid start Circline lamps. These lamps, available in 9-inch and 12-inch versions, are comparable in diameter to the T9 lamps. The rare earth tri-phosphors are utilized to deliver high lumen output with excellent color rendition and high lumen maintenance.

### Key Features & Benefits

- High performance T5 lamps
  - Produce up to 70% more lumens than T9 Circline lamps
  - Designed for high frequency electronic ballasts
- Available in 3 wattages and 2 diameters
  - 22W with 8.85" diameter
  - 40W with 11.77" diameter
  - 55W with 11.77" diameter
- 3000K and 3500K with 80 CRI
- Average rated life of 12,000 hours

### Application Information

#### Applications

- ADA\* fixtures
- Decorative chandeliers and wall sconces
- Low profile ceiling fixtures
- Torchieres



### Product Offering

Lamp Types	Wattage	Lumens	Diameter (o.d.)
FPC22830	22	1800	8.85"
FPC22/835	22	1800	8.85"
FPC40/830	40	3200	11.77"
FPC40/835	40	3200	11.77"
FPC55/830/HO	55	4000	11.77"
FPC55/835/HO	55	4000	11.77"

### Application Notes

1. Lumens measured at 25°C (77°F) with lamp in horizontal position.
2. Designed for operation by high frequency electronic ballasts.  
Operation on magnetic ballasts is not allowed.

\*American Disabilities Act

## Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

## Ordering Guide

<b>FPC</b>	<b>40</b>	<b>/</b>	<b>8</b>	<b>35</b>	<b>/</b>	<b>H0</b>
Fluorescent PENTRON® Circline	Wattage: 22, 40 and 55 watts		8 = 80 CRI	30 = 3000K 35 = 3500K		High Output (55 Watt only)

## Ordering Information

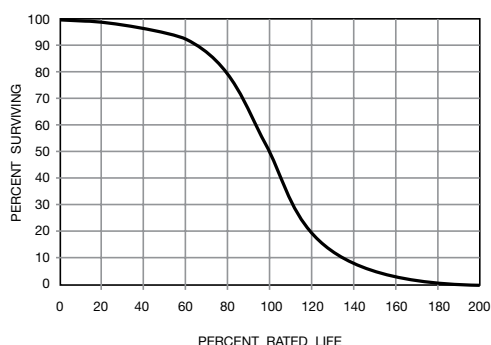
Item Number	Ordering Abbreviation	Wattage	Initial Lumens <sup>1</sup>	Mean Lumens <sup>2</sup>	Average Rated Life (hrs.)	Color Temp.	CRI	Outside Diameter	Base
20712	FPC22/835	22	1800	1585	12,000	3500K	80	8.85"	2GX13
20731	FPC40/830	40	3200	2815	12,000	3000K	80	11.77"	2GX13
20732	FPC40/835	40	3200	2815	12,000	3500K	80	11.77"	2GX13
20741	FPC55/830/H0	55	4000	3520	12,000	3000K	80	11.77"	2GX13
20750	FPC55/835/H0	55	4000	3520	12,000	3500K	80	11.77"	2GX13

<sup>1</sup> Measured at 25° (77°F) with lamp in horizontal position.

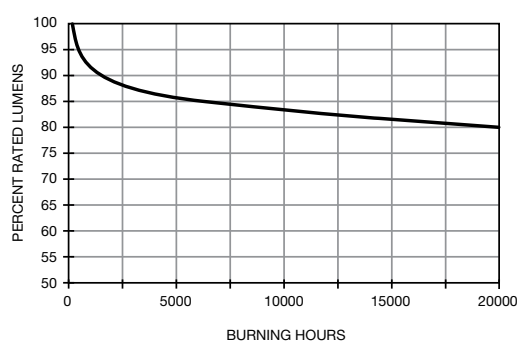
<sup>2</sup> Measured at 40% of rated life.

## Technical Information

Typical Fluorescent Lamp Mortality

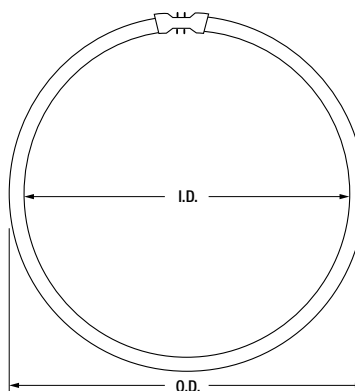


Lumen Maintenance Curve



## Lamp Dimensions

Ordering Abbreviation	Outside Bulb Diameter (min/max)	Inside Bulb Diameter (min/max)
FPC22	220mm/230mm	187mm/197mm
FPC40	293mm/305mm	260mm/272mm
FPC55/H0	293mm/305mm	260mm/272mm



## Sample Specification

Lamp(s) shall be a PENTRON® T5 Circline lamp (FPC22, FPC40, FPC55) having a 2GX13 4-pin base. Lamp shall have a correlated color temperature of (3000K or 3500K) and a CRI of 80. The PENTRON lamp shall be operated on the appropriate electronic ballast.

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