

PENTRON® SEAMLESS and PENTRON HO SEAMLESS

T5 and T5HO Linear Fluorescent Lamps

Key Features & Benefits

- Novel base design offers continuous lighting without shadows
- Dimmable
- Allows for sleek, compact luminaire designs
- 20,000 hour average rated life
- 93% mean lumens
- 3000K, 4000K
- 85 CRI
- Energy savings with controllable lighting option
- Compatible with T5 and T5HO ballasts
- QUICK 60+® System Warranty when paired with OSRAM QUICKTRONIC ballasts



PENTRON® and PENTRON HO SEAMLESS T5 lamps offer continuous, smooth lines of light without the dark spots or shadows normally associated with applications that feature lamps or luminaires mounted end-to-end. The novel base configuration of these lamps eliminates the need to stagger lamps, allowing manufacturers to construct more compact luminaires, thus granting greater flexibility and smaller architectural features when creating linear lighting effects. With light output and dimming functionality similar to SYLVANIA's standard PENTRON lamps, the PENTRON SEAMLESS T5 lamps may be specified in conjunction with their linear counterparts for a consistent appearance and reliable compatibility with lighting controls equipment across an entire installation. PENTRON and PENTRON HO SEAMLESS lamps are electrically identical to their standard linear counterparts and may be operated on QUICKTRONIC® PROStart® T5 and T5HO systems.

Product Offering

Lamp Type	Wattage	CCT
FP24/800/HO/SLS	24	3000K, 4000K
FP39/800/HO/SLS	39	3000K, 4000K
FP54/800/HO/SLS	54	3000K, 4000K
FP14/800/SLS	14	3000K, 4000K
FP21/800/SLS	21	3000K, 4000K
FP28/800/SLS	28	3000K, 4000K

Application Information

Applications

- Canopy
- Cove lighting
- Pendant luminaires
- Valence lighting

Ballast Information

Contact your SYLVANIA representative for a list of compatible electronic operating systems.

Application Notes

1. Miniature bi-pin bases cannot be installed into T8 and T12 sockets.
2. Miniature bi-pin bases require UL Listed 600 volt rated sockets.
3. PENTRON lamps require programmed rapid start electronic ballasts for T5 lamps, equipped with end-of-lamp-life sensing circuit.
4. Dedicated lamp holder 1282-SLS/FAU manufactured by A.A.G Stucchi. Visit A.A.G Stucchi web site for socket information. www.aagstucchi.it/en/prodotti/productsMain.aspx



Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Information

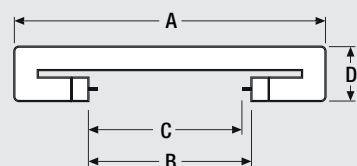
Item Number	Ordering Abbreviation	Watts	Base	Average Rated Life (3 hrs/st)	Initial Lumens @35°C	Mean Lumens @35°C	Initial Lumens @25°C	Mean Lumens @25°C	CCT	CRI
PENTRON® HO SEAMLESS										
20182	FP24/830/HO/SLS	24	Mini BiPin	20,000	1,750	1,630	1,550	1,440	3000K	85
20183	FP24/840/HO/SLS	24	Mini BiPin	20,000	1,750	1,630	1,550	1,440	4000K	85
20184	FP39/830/HO/SLS	39	Mini BiPin	20,000	3,100	2,885	2,745	2,555	3000K	85
20185	FP39/840/HO/SLS	39	Mini BiPin	20,000	3,100	2,885	2,745	2,555	4000K	85
20186	FP54/830/HO/SLS	54	Mini BiPin	20,000	4,450	4,140	3,940	3,665	3000K	85
20187	FP54/840/HO/SLS	54	Mini BiPin	20,000	4,450	4,140	3,940	3,665	4000K	85
PENTRON SEAMLESS										
20098	FP14/830/SLS	14	Mini BiPin	20,000	1,200	1,115	1,060	985	3000K	85
20099	FP14/840/SLS	14	Mini BiPin	20,000	1,200	1,115	1,060	985	4000K	85
20100	FP21/830/SLS	21	Mini BiPin	20,000	1,900	1,765	1,680	1,560	3000K	85
20101	FP21/840/SLS	21	Mini BiPin	20,000	1,900	1,765	1,680	1,560	4000K	85
20102	FP28/830/SLS	28	Mini BiPin	20,000	2,600	2,420	2,300	2,140	3000K	85
20103	FP28/840/SLS	28	Mini BiPin	20,000	2,600	2,420	2,300	2,140	4000K	85

Ordering Guide

FP	28	/	8	30	/	HO	/	SLS
Fluorescent	Lamp		CRI = 85	CCT		HO: High		SEAMLESS
PENTRON	Wattage: 14, 21, 28, 24, 39, 54			30 = 3000K 40 = 4000K		Output		

Lamp Dimensions

Lamp Wattage	A Max. (mm)	B Max. (mm)	C Max. (mm)	D (diameter) Max. (mm)
28W and 54W	1182	1083	1075	38
21W and 39W	882	781	775	38
14W and 24W	582	481	475	38



Sample Specification

Lamps shall be PENTRON® T5 and H0 SEAMLESS lamps having miniature bi-pin bases and a minimum of 93% lumen maintenance. Lamps shall have a correlated color temperature of 3000K or 4000K, and a CRI of 85. Lamps shall be operated on QUICKTRONIC® ballasts with a complete system warranty from the manufacturer, covering both lamps and ballasts.

Related Literature

Ballast Technology Applications & Specification Guide (Literature Code: ECS-ELECTRONIC2009)
QUICK 60+® System Warranty (Literature Code: ECS140)

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