

OEM LIGHTING NEWS

SYLVANIA Lighting Technology Developments
JANUARY 2000

Fluorescent Lamps

New PENTRON™ HO Circline T5 Lamps Samples Available



PENTRON HO Circline T5 lamps operate on the same QUICKTRONIC® PHO ballasts as similar wattage PENTRON HO lamps.

PENTRON HO Circline T5 lamps are high lumen output, circular shaped lamps that deliver up to 70% more lumens than T9, rapid start Circline lamps. These lamps are available in 9-inch and 12-inch versions, comparable in diameter to the T9 Circline lamps. The lamps utilize rare-earth tri-phosphors to deliver high lumens, 82 CRI, and excellent lumen maintenance. Lamps are offered in 3000K, 3500K and 4100K color temperatures.

Product Offering

Lamp Description	Lamp Wattage	Initial Lumens	O. D. (inches)
FPC22/800/HO	22	1800	8.85"
FPC40/800/HO	40	3200	11.77"
FPC55/800/HO	55	4000	11.77"

Sockets for 2GX13 bases required.

Electronic Control Systems

SYLVANIA T5 Electronic Systems

QUICKTRONIC® PS

Operates PENTRON FP14, FP21, FP28 & FP35 lamps
1 & 2 lamp, 120 & 277V in stock

QUICKTRONIC® 54PHO

Operates PENTRON HO FP54/HO, PENTRON HO Circline FPC55 & DULUX L FT55DL lamps
1 & 2 lamp, 120 & 277V in stock

NEW QUICKTRONIC® 39/24 PHO

Operates PENTRON HO FP39/HO, FP24/HO, PENTRON HO Circline FPC40, FPC22 & DULUX L FT24DL, FT36DL lamps
1 & 2 lamp, 120 & 277V available this month

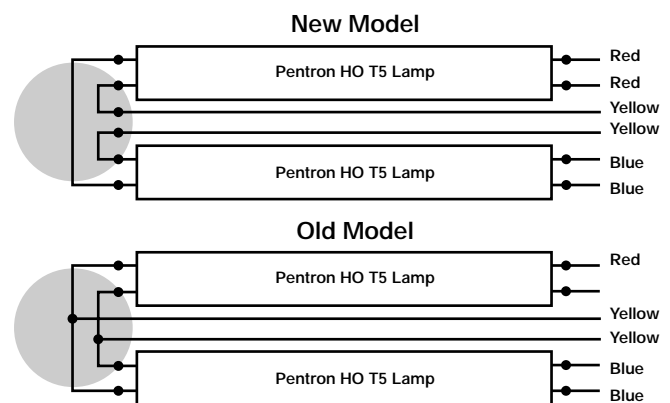
NEW QUICKTRONIC® 54PHO DIM

Operates PENTRON HO FP54/HO, PENTRON HO Circline FPC55 & DULUX L FT55DL lamps
100%-1% dimming, 1-10V control
1 & 2 lamp, 120V available this month
1 & 2 lamp, 277V available March 2000

All QUICKTRONIC T5 ballasts have QUICKSENSE™ end-of-lamp-life shut-down circuitry for safe and reliable shut-down and PROStart™ programmed start providing 100,000+ lamp starts.

Wiring Change for 2-lamp System 54PHO

The output-wiring configuration of the QT2X54/120PHO and the QT2X54PHO/277PHO product has been changed as follows:



An auto-reset feature has been incorporated into the new models, eliminating the need to cycle power on and off when relamping fixtures.

Please ensure that ballast is wired per wiring diagram on the ballast label. *Note: Wiring of single lamp units has not changed.*

SYLVANIA

HID Lamps

New 250W METALARC® Pulse Start Lamp
Ideal for Low Bay and Canopy Lighting

The SYLVANIA METALARC Pulse Start metal halide product offering now includes a new 250W lamp for enclosed fixture applications. This lamp has 50% longer life than ordinary 250W metal halide lamps. Other pulse start technology advantages include less color shift over life and improved lumen maintenance compared to ordinary metal halide lamps.

Product Comparison

Lamp	M250	MS250/PS
Burning position	Universal	Base-up only
Initial lumens	22,000	23,500
Lumens @4000 hrs	17,000	18,800
Mean lumens*	17,000	16,800
Average rated life**	10,000	15,000

*Lumens @40% of rated life **Based on 10 hours per start

The SYLVANIA METALARC Pulse Start product line also includes 320W and 400W lamps, and low wattage (50-150W) medium-based METALARC PROTECH® lamps.

Information Requests

Product Information Available

Literature Request

	Order Code
<input type="checkbox"/> PENTRON HO Circline	FL031
<input type="checkbox"/> PENTRON & PENTRON HO Lamps	FL018
<input type="checkbox"/> QUICKTRONIC PS	ELS016
<input type="checkbox"/> QUICKTRONIC PHO	ELS017
<input type="checkbox"/> QUICKTRONIC PHO DIM	ELS022
<input type="checkbox"/> METALARC PULSE START	HID021R1
<input type="checkbox"/> TRU-AIM IR	HAL014
<input type="checkbox"/> CAPSYLITE IR	HAL012
<input type="checkbox"/> New Electronic Ballast Specification Guide	ECS-Electronic
<input type="checkbox"/> Need product pricing and ordering information— Please have a sales rep call me	
<input type="checkbox"/> Need technical information—Please have technical manager or commercial engineer call me	

FAX Literature Request to:

Maureen Marcotti (978) 739-5375

Halogen Lamps

New IR Technology Incorporated into
TRU-AIM® IR MR16 and CAPSYLITE®
IR PAR Lamps

TRU-AIM IR and CAPSYLITE IR lamps have a multi-layered, thin film coating on the outer surface of an ellipsoidally shaped halogen capsule. This coating allows visible light to pass through it while reflecting infrared heat back to the filament. The reflected heat helps to maintain the coil at its optimum operating temperature and lowers the power consumption of the filament. The result is more visible light generated for each watt that is consumed.

Product Offering

Lamp/Wattage	Beam Spreads	Similar Performance to:
TRU-AIM IR		
37W MR16 IR	10°, 25°, 40°	50W MR16
50W MR16 IR	10°, 25°, 40°	65/71W MR16
CAPSYLITE IR		
50W PAR30 IR	9°, 25°, 40°	60/75W PAR30
60W PAR38 IR	9°, 12°, 25°, 30°	75/90W PAR38

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