

L I G H T I N G

NEWS

September 2007

OCTRON® XPS® T8 FLUORESCENT LAMP FAMILY EXPANDED

Now Available in 5000K and 6500K 32W Types

High Lumen Output And Lumen Maintenance

36,000 Hours Life On Programmed Start Ballasts

5000K Meets CEE High Performance T8 Specifications



In response to marketplace demands for high performance T8 lamps in 5000K and 6500K correlated color temperatures, OSRAM SYLVANIA announces the introduction of 32W OCTRON XPS lamps in these respective colors. OCTRON XPS lamps deliver the highest lumens of all OCTRON T8 fluorescent lamps. The initial lumen output FO32/XPS/850/ECO lamps is 5% higher than FO32/XP/850/ECO lamps. The initial lumen output of FO32/XPS/865/ECO lamps is 3.5% higher than FO32/XP/865/ECO lamps. Both new lamp types have 95% lumen maintenance and an average rated life of 36,000 hours when operated on program rapid start electronic ballasts.

These lamps are ECOLOGIC® and meet the Federal TCLP limits. The 5000K OCTRON XPS lamp meets the Consortium for Energy Efficiency (CEE) high performance T8 specifications. When combined with QUICKTRONIC® electronic ballasts, the system is covered by the SYLVANIA QUICK 60+® System Warranty of up to 3 years on the lamps and 5 years on the ballast.

PRODUCT COMPARISON

3-Lamp System	Input Watts (120 /277V)	Ballast Factor	Initial/ Mean System Lumens ¹	Lamp Life (hrs.) ²
FO32/XP/850/ECO QUICKTRONIC ISN	87	0.89	7610/7229	24,000
FO32/XPS/850/ECO QUICKTRONIC QHE ISN	83/82	0.88	7920/7514	24,000
FO32/XPS/850/ECO QUICKTRONIC PSN	88/85	0.88	7920/7514	36,000

1. At 8000 hours
2. At 3 hours/start

LINEARLIGHT FLEX & POWER FLEX LED SYSTEMS

Now Available In 2700K and 3300K White

Flexible Linear Strip With Adhesive Backing

50,000 Hours Life

Ideal For Architectural Applications



To meet general lighting application needs for LEDs of warm white color, OSRAM SYLVANIA has expanded its LINEARlight FLEX product offering to include 2700K and LINEARlight POWER FLEX LED modules to include 2700K and 3300K. LINEARlight FLEX modules are ideal for low ambient or near field lighting applications. LINEARlight POWER FLEX, a similarly configured module with higher lumen LEDs, delivers up to three times the light output per foot of LINEARlight FLEX LED modules. Both feature a flexible, self adhesive LED substrate and are well suited for curved and three dimensional applications.

LINEARlight FLEX modules consist of a 27.5 foot reel that may be cut every 5.5 inches. LINEARlight POWER FLEX modules consist of a 9.19 foot reel that may be cut every 5.5 inches. Either module may be field cut with scissors, are optimally paired with 24V OPTOTRONIC® power supplies and available with a new, easy to install connector system. With proper thermal management¹, these LED systems achieve up to 50,000 hours life, making them ideal for architectural lighting and other applications where reduced lighting maintenance is desired.

¹ 50,000 hours when control point temperature (Tc) does not exceed 40°C. For best results, discuss specific application requirements with your commercial engineer.

PRODUCT COMPARISON

Product	No. of LEDs	Length	Watts	CCT (K)	Lms.	Lms. /ft.
LINEARlight FLEX-827	600	27.5'	86.4	2700	1440	52
LINEARlight POWER FLEX-827	120	9.19'	72	2700	1400	152
LINEARlight POWER FLEX-833	120	9.19'	72	3300	1400	152

All values per module, except lumens/foot.

SEE THE WORLD IN A NEW LIGHT

