

**T5 Lamps with Starcoat™, Small Size, Big Lumen Output**

**T5 Lamps with Starcoat™**

We announce our smallest fluorescent lamp made, only 5/8" (15.9mm) in diameter, that delivers the light of much larger and higher wattage fluorescent systems. High lumens in a small, lower-wattage package makes T5 lamps with Starcoat™ the most efficient fluorescent lamp available. And our exclusive proprietary Starcoat™ coating gives T5 lamps unrivaled color rendering and lumen maintenance. A variety of compact contemporary fixtures are available to take advantage of T5's unique features, offering unlimited design and application flexibility.

**Most efficient fluorescent ... small size, big lumen output.** T5 with Starcoat™ is small in size but offers you a variety of choices. With 9 wattages to choose from, you can either maximize your lumen output or your efficiency. When compared to a F32T8, you can get nearly 70% more lumens or 10% increased efficiency by choosing T5.

**Unlimited design flexibility.** T5's unique size and performance capabilities allow outstanding design flexibility. Exciting new fixtures have been designed that feature the contemporary look and feel that is the hallmark of T5-based lighting systems.

**Highest quality and reliability.** Demanding Six Sigma quality initiatives plus new dedicated T5 state-of-the-art manufacturing capacity assures lamps of unsurpassed performance. An exclusive coating process developed by us enhances the overall light output from end to end.

**Best color coating technology in the industry.** T5 with Starcoat™ offers superb lamp to lamp color consistency. Our proprietary alumina pre-coat provides excellent CRI at 85 and 94% lumen maintenance at 40% rated life. You can count on our company to meet or exceed our published specifications.

**Used in Country:**  
U.S.A., Canada etc.



**Broad ballast compatibility.** Rather than designing our lamps around one ballast, we have maximized our performance on all major ballasts.

**Guaranteed Warranty.** The Manufacturer backs its quality and reliability claims with a 2 year lamp and 5 year ballast system warranty.

**Environmentally responsible design.** Our T5 lamps feature 38% less glass and phosphors than our T8 lamps and that means reduced waste in landfills. The low 5mg. mercury design of our T5 lamps is another plus for the environment. And with its high output design, one F54T5 (5,000 lumens) can replace two F32T8 lamps (at 2,950 lumens each), further reducing environmental impact and providing added design flexibility.

**Applications**

- Office
- Commercial
- Retail
- School
- Healthcare
- Hotel/Motel
- Restaurant

Performance Data - High Efficiency <i>(High Output T5 Lamps available on request)</i>														
Catalog Number	Nominal Watts	LPW	Product Description	Case Qty.	Lumens Initial	Lumens Mean*	Life (Hrs.)	Operating (mA)	Min. Starting Temp (°C)	Dimensions (mm)				
										A	B min.	B max.	C	
<b>39964</b>			F14W/T5/830											
<b>39961</b>	14	96	F14W/T5/835	40	1350	1269	20,000	170	-15	549.0	553.7	556.1	563.2	
<b>39973</b>			F14W/T5/841											
<b>39976</b>			F21W/T5/830											
<b>39977</b>	21	100	F21W/T5/835	40	2100	1974	20,000	170	-15	849.0	853.7	856.1	863.2	
<b>39978</b>			F21W/T5/841											
<b>39982</b>			F28W/T5/830											
<b>39983</b>	28	104	F28W/T5/835	40	2900	2726	20,000	170	-15	1149.0	1153.7	1156.1	1163.2	
<b>39984</b>			F28W/T5/841											
<b>39989</b>			F35W/T5/830											
<b>39990</b>	35	104	F35W/T5/835	40	3650	3431	20,000	170	-15	1449.0	1453.7	1456.1	1463.3	
<b>39991</b>			F35W/T5/841											

*Some Ratings Based On Preliminary Engineering Estimates      \*40% Rated Life*  
**Catalog Numbers are Subject to Change.** (Please contact our sales office for latest updates.)

**Dimensional Data:**

Technical data and dimensions are subject to change without notice. Dimensions in mm.

