



Philips T5 Circular &  
High Output Circular  
Fluorescent Lamps

*Ideal for offices and  
commercial establishments  
where smaller, more  
appealing fixture designs  
are required*

T5 Circular

## Powerful, ultra-slim circular lamps

**Philips T5 Circular and HO Circular lamps** are ultra-slim with improved color rendering, high efficacy, and long life. T5 HO circular lamps offer extraordinary light output.

### **Slim profile lamp and ballast**

- Design flexibility
- Improved optical control
- Fixtures can be 45% smaller than standard T9 circline systems

### **Better for the environment**

- Dimmable for additional energy savings
- Energy efficient
- Less material means less waste
- Longer life
- Only 5mg of mercury per lamp

**T5 HO circular lamps offer 70% more lumens than standard T5 circular lamps**

**Operates on programmed start ballasts**

# PHILIPS

# Philips T5 Circular and High Output (HO) Circular Fluorescent Lamps

## Ordering, Electrical and Technical Data

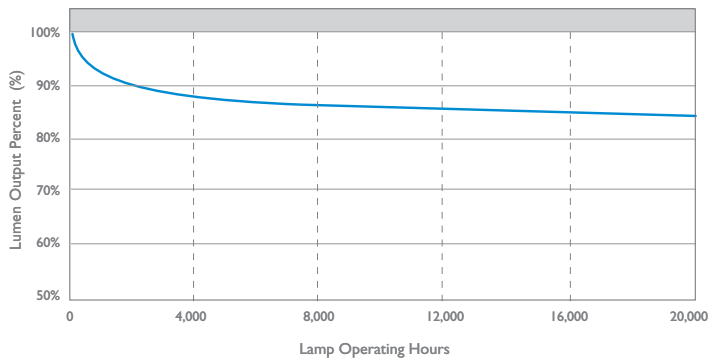
Product Number	Description	Nom. Watts	Base	Pkg. Qty.	Color Temp. (Kelvin)	CRI	Outer Diam. (In.)	Max. Rated Avg. Life (Hrs) <sup>1</sup>			Approx. Design Lumens <sup>6</sup>	Lumen Maint.
								3-Hour Start <sup>2</sup>	12 Hour Start <sup>3</sup>	Initial Lumens <sup>4,5</sup>		
<b>T5 Circular Fluorescent Lamps</b>												
16601-7	TL5C 22W/830	22	2GX13	10	3000	85	9	16,000	20,000	1800	1530	85
14856-9	TL5C 22W/835	22	2GX13	10	3500	85	9	16,000	20,000	1800	1530	85
16600-9	TL5C 22W/840	22	2GX13	10	4000	85	9	16,000	20,000	1800	1530	85
16596-8	TL5C 40W/830	40	2GX13	10	3000	85	12	16,000	20,000	3300	2805	85
14859-3	TL5C 40W/835	40	2GX13	10	3500	85	12	16,000	20,000	3300	2805	85
16598-4	TL5C 40W/840	40	2GX13	10	4000	85	12	16,000	20,000	3300	2805	85
<b>T5 High Output (HO) Circular Fluorescent Lamps</b>												
16593-6	TL5C 55W/830	55	2GX13	10	3000	85	12	16,000	20,000	4200	3580	85
14862-7	TL5C 55W/835	55	2GX13	10	3500	85	12	16,000	20,000	4200	3580	85
16592-8	TL5C 55W/840	55	2GX13	10	4000	85	12	16,000	20,000	4200	3580	85

- 1) Rated average life is the length of operation (in hours) at which point an average of 50% of a large sample of lamps will still be operational and 50% will not.
- 2) Average life under specified test conditions with lamps turned off and restarted no more frequently than once every 3 operating hours. Lamp life is appreciably longer if lamps are started less frequently.
- 3) Average life under engineering data with lamps turned off and restarted once every 12 operating hours.
- 4) Approximate initial lumens. The lamp lumen output is based upon lamp performance after 100 hours of operating life, when the output is measured during operation on a reference ballast under standard laboratory conditions.
- 5) For expected lamp lumen output, commercial ballast manufacturers can advise the appropriate ballast factor for each of their ballasts when they are informed of the designated lamp. The ballast factor is a multiplier applied to the designated lamp lumen output.
- 6) Design lumens are the approximate lamp lumen output at 40% of the lamp's rated average life. This output is based upon measurements obtained during lamp operation on a reference ballast under standard laboratory conditions.

Above specifications subject to change without notice.

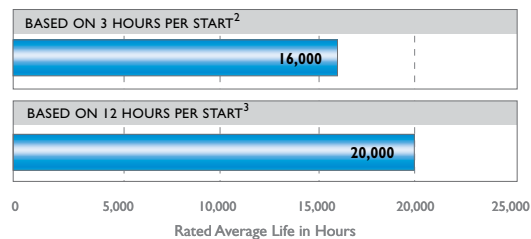
### 85% Lumen Maintenance

#### T5 Circular and HO Circular Fluorescent Lamps



### Rated Average Life

#### T5 Circular and HO Circular Fluorescent Lamps



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