

# ozlux<sup>®</sup>

ENERGY SAVING  
LAMPS

## T5 FLUORESCENT RETROFIT

Ozlux<sup>®</sup> T5 Fluorescent Series



### EFFICIENT & DURABLE

- Direct retrofit for 40% in Energy Savings
- Easy replacement of existing lights
- Similar light output with T8 system
- Extended operation of 20,000 Hours

### MULTI-APPLICATIONS

- Instant ON without flicker
- Wide operating and colour temperature

### TECHNICAL

- Optimum Power Factor
- Low Total Harmonic Distortion
- Excellent voltage tolerance level

### GREEN TECHNOLOGY

- Low energy consumption
- Low mercury content
- Less heat dissipation



# T5 Fluorescent Retrofit Lamps featuring Ozlux® Lamp Technology

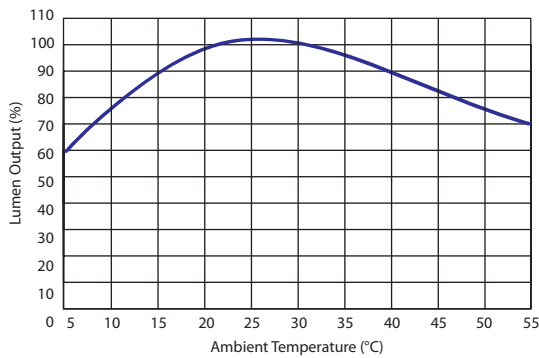
## Electrical and Technical Data

Product Number	Watts	Power Factor	Bulb	Base	Pkg. Qty.	Color Temp (K)	CRI	Dimension LxWxH (mm)	Rated Avg. Life (Hrs) <sup>1</sup>	Approx. Initial Lumens <sup>2</sup>
OC2F12D2SA	12	>0.95	T5	G13	50	6500K	85	589 x 24 x 35	20,000	1350
OC2F12C2SA	12	>0.95	T5	G13	50	4200K	85	589 x 24 x 35	20,000	1350
OC2F12W2SA	12	>0.95	T5	G13	50	2700K	85	589 x 24 x 35	20,000	1350
OC4F25D2SA	25	>0.95	T5	G13	50	6500K	85	1199 x 24 x 35	20,000	2900
OC4F25C2SA	25	>0.95	T5	G13	50	4200K	85	1199 x 24 x 35	20,000	2900
OC4F25W2SA	25	>0.95	T5	G13	50	2700K	85	1199 x 24 x 35	20,000	2900
OC2F12D2EA	12	>0.95	T5	G13	30	6500K	85	589 x 35 x 35	20,000	1350
OC2F12C2EA	12	>0.95	T5	G13	30	4200K	85	589 x 35 x 35	20,000	1350
OC2F12W2EA	12	>0.95	T5	G13	30	2700K	85	589 x 35 x 35	20,000	1350
OC4F25D2EA	25	>0.95	T5	G13	30	6500K	85	1199 x 35 x 35	20,000	2900
OC4F25C2EA	25	>0.95	T5	G13	30	4200K	85	1199 x 35 x 35	20,000	2900
OC4F25W2EA	25	>0.95	T5	G13	30	2700K	85	1199 x 35 x 35	20,000	2900

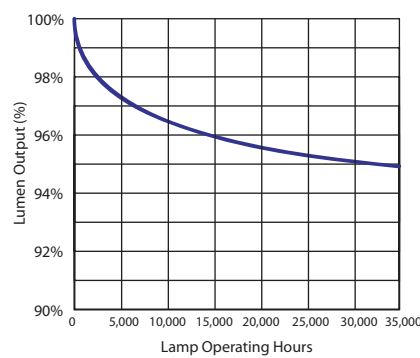
1) Average life under specified test conditions with lamps turned off and restarted no more frequently than once every 3 operating hours. Lamp life is appreciably longer if lamps are started less frequently.

2) 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.

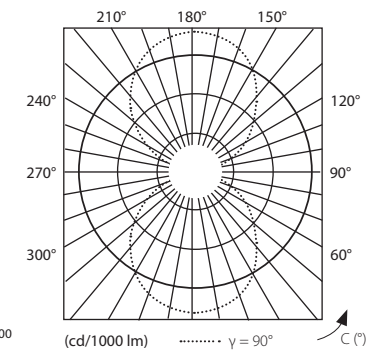
### Lumens vs. Ambient Temperature



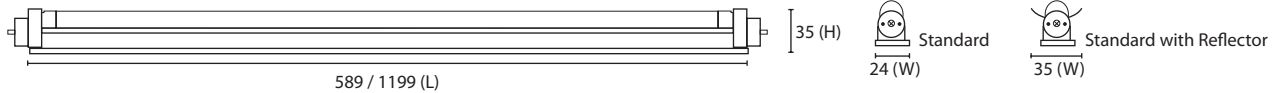
### Energy Lumen Maintenance



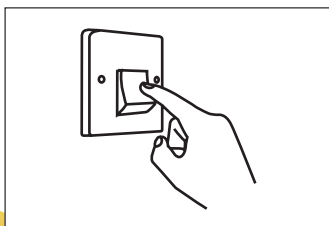
### Luminous Intensity Distribution



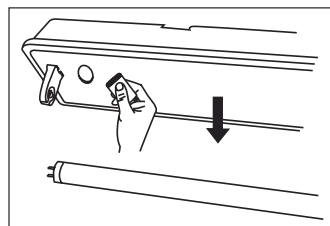
### Dimensions (mm)



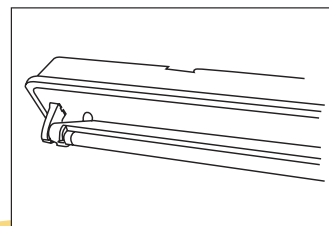
### Installation Guide



1. Turn the power off.



2. Remove existing tube & starter.



3. Install T5 Retrofit to the existing light fitting and turn the power on.

### STANDARDS COMPLIANCE

- IEC/EN 60598-1 General requirements and test
- IEC/EN 60598-2-1 Specifications for fixed general purpose luminaires
- EN 55015 Limits and Methods of Measurement of radio disturbance characteristics of electrical lighting and similar equipment
- EN 61547 Equipment for general lighting purposes. EMC immunity requirements
- IEC/EN 61000-3-2 Electromagnetic compatibility (EMC). Limits for harmonic current emissions
- EN 61000-3-3 Electromagnetic compatibility (EMC). Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems
- Dir. 2002/95/EC Compliance to RoHS regulations
- CE Compliance Conformity to European compliance (Conformité Européenne)

### NOTES:

- Does not require Starter. Remove Starter before installation.
- Does not require Capacitor. Remove Capacitors before installation.
- Will not operate with Electronic Ballasts.
- Designed to be used with standard Magnetic Ballasts.
- Turn off power before changing lamp.



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