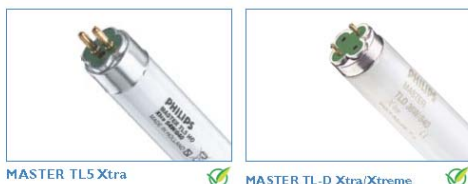


Product Range



Xtra and Xtreme Low Energy Lighting

The Philips X-technology

Premature failed lamp can cause unnecessary hassle, potentially unsafe situations customer inconvenience and high costs. By using long lasting and sustainable product and advanced planning for replacement can eliminate the unpleasant consequences of spot-replacement.

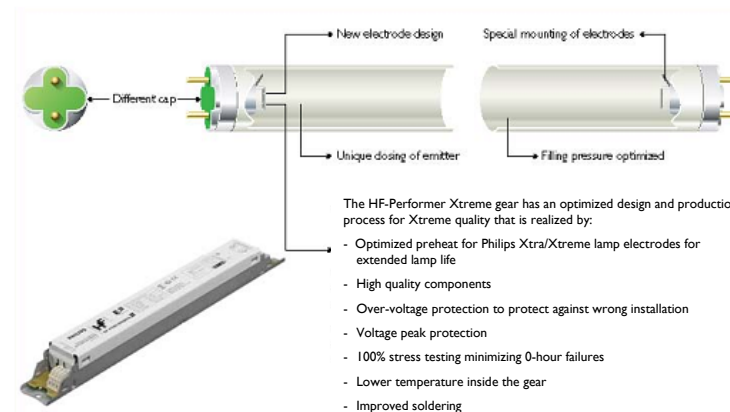
Unipart Rail introduces a retrofitable solution for any existing T5 & T8 light applications.

Xtra/Xtreme lamps benefits

- Avoid expensive spot replacement thanks to best-in-class reliability
- Install and forget; strong reduction of cost of ownership thanks to long lifetime
- Sustainable product: lowest mercury content per burning hour in the market and less waste over lifetime

HF-Performer Xtreme gear benefits

- Guaranteed long lifetime (100,000 hours) leading to even less hassle and lower maintenance costs
- The gear is protected against excessive voltage peaks up till 4kV, making the gear absolutely ideal for industrial environments
- Energy saving of up to 25% compared to electromagnetic systems
- Increased lamp life of up to 30% compared to electromagnetic systems
- No lamp flickering



How reliable, long life lamps and gear save you money

Maintenance costs in difficult, high ceiling installations can be reduced drastically if your lamps last longer and maintain their brightness to the end.

MASTER TLS	
Cost of replacement €5.00, lamp price €9.63 Lamp life = 23,000 hours*	€14.63
Costs after 40,000 hours	€26.75
Costs if 1,000 lamps are installed	€26,750

Phillips MASTER TLS Xtra	
Cost of replacement €5.00, lamp price €13.91 Lamp life = 40,000 hours*	€18.91
Costs after 40,000 hours	€18.91
Costs if 1,000 lamps are installed	€18,910
SAVINGS	€7,840

* 10% failures, 12hr switching cycle



*To add additional energy savings of 28% compared to TL-D on electromagnetic gear.

Example of energy saving with gear

Electromagnetic gear for 2 x 58W	
System consumption 136W Energy price €0.10	
Costs after 100,000 hrs = €1360	
Costs for 500 systems = €680,000	

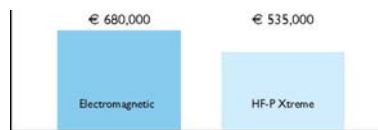
HF-Performer Xtreme gear for 2 x 58W	
System consumption 107W Energy price €0.10	
Costs after 100,000 hrs = €1070	
Costs for 500 systems = €535,000	

MASTER TL-D Super 80	
Cost of replacement €5.00, lamp price €7.60 Lamp life = 15,000 hours*	€12.60
Costs after 58,000 hours	€68.72
Costs if 1,000 lamps are installed	€68,720

Phillips MASTER TL-D Xtreme	
Cost of replacement €5.00, lamp price €21.50 Lamp life = 58,000 hours*	€26.50
Costs after 58,000 hours	€26.50
Costs if 1,000 lamps are installed	€26,500
SAVINGS	€40,120

* 10% failures, 12hr switching cycle

Cost comparison



The longer lamp life will reduce maintenance costs by 30% when making the switch from Electromagnetic to HF (Electronic) gear.

Cost comparison



Guaranteed lifetime

To further underline the reliability of our Xtra and Xtreme products, we offer extensive guarantees. For more information, please visit : www.philips.com/long-life

Lifetime table in relation to gear

	2% failures* (switch in 12 hours)		2% failures* (switch in 12 hours)		10% failures* (switch in 12 hours)		10% failures* (switch in 12 hours)	
	Conventional	HF warm start	Conventional	HF warm start	Conventional	HF warm start	Conventional	HF warm start
MASTER TL-D Super 80	13,000	17,000	14,000	17,000	15,000	19,000	18,000	23,000
MASTER TL-D Xtra	37,000	50,000	38,000	51,000	40,000	54,000	46,000	63,000
MASTER TL-D Xtreme	53,000	68,000	5,000	71,000	58,000	75,000	68,000	90,000
	Conventional	HF Xtreme	Conventional	HF Xtreme	Conventional	HF Xtreme	Conventional	HF Xtreme
MASTER TLS	19,000	19,000	21,000	21,000	23,000	25,000	28,000	31,000
MASTER TLS Xtra	35,000	40,000	37,000	45,000	40,000	50,000	50,000	70,000
	Conventional	HF warm start	Conventional	HF warm start	Conventional	HF warm start	Conventional	HF warm start
MASTER PL-C/PL-T	6,000	7,000	7,000	8,000	9,000	10,000	13,500	15,000
MASTER PL-C/PL-T Xtra	15,000	17,000	18,000	20,000	22,500	25,000	34,000	38,000
MASTER PL-L	9,500	10,500	11,000	12,000	13,500	16,000	19,500	22,000
MASTER PL-L Xtra	19,000	20,500	22,000	24,000	27,000	32,000	39,000	44,000

*lifetimes are indicative

Lifetime comparison

MASTER TL lamps

