



GE LED Tubes

Linear lighting. Redefined.

Get rapid payback across a wide range of applications with our newly extended series of competitively priced and efficient LED Tubes.

Designed for simple retrofit, these high performance LED T8 tubes provide an attractive, affordable and energy efficient upgrade path from traditional Linear Fluorescent Lamps in applications such as offices, retail, industrial, hospitality and more. And with five different ranges to choose from, there's a plug-and-play GE LED T8 Tube for every application.

Energy savings

- Low power consumption
- Energy savings of up to 60% or more
- High energy efficiency up to 136lm/W

Long lasting

- 2,5-3x longer life vs. fluorescents on electro-magnetic gear
- Up to 50,000 hours L70 rated lifetime for reduced maintenance costs
- Excellent lumen maintenance

High quality light

- Instant on, no flicker
- Excellent colour rendering CRI 80+
- Light output up to 3600lm

Wide range

- 600, 1200, 1500 and 1800mm tubes
- Plastic and glass design options
- Wide selection of tubes for electronic and magnetic ballasts

Easy retrofit

- Plug-and-play products, safe installation
- Fit directly into standard T8 LFL G13 sockets
- Rotatable base to adjust lamp into perfect position

Environmentally friendly solutions

- Extremely energy efficient
- Reduced carbon footprint
- No harmful lead or mercury
- Fully compliant with material restriction requirements of RoHS

GE LED Plastic T8 HF

- ECG (electronic) ballast compatibility (25K - 85KHz)
- Up to 136lm/W
- Ambient temperature ratings: -20°C ...+40°C



Product code	Product description	Watts (W)	Lumens (lm)	Colour temp (K)	Length (mm)
93041502	LED 9/T8 PHF 2ft/830	9	1100	3000	600
93041503	LED 9/T8 PHF 2ft/840	9	1200	4000	600
93041504	LED 9/T8 PHF 2ft/865	9	1200	6500	600
93041505	LED 18/T8 PHF 4ft/830	18	2100	3000	1200
93041836	LED 18/T8 PHF 4ft/840	18	2300	4000	1200
93041837	LED 18/T8 PHF 4ft/865	18	2300	6500	1200
93041838	LED 25/T8 PHF 5ft/830	25	3150	3000	1500
93041839	LED 25/T8 PHF 5ft/840	25	3400	4000	1500
93041840	LED 25/T8 PHF 5ft/865	25	3400	6500	1500



GE LED T8 Premium Rotatable

- CCG (magnetic) ballast compatibility or direct connection to mains (50-60Hz)
- Up to 122lm/W
- Ambient Temperature ratings: -30°C ...+40°C



Product code	Product description	Watts (W)	Lumens (lm)	Colour temp (K)	Length (mm)
93038456	LED 10/T8 PPR 2ft/830	10	1080	3000	600
93038457	LED 10/T8 PPR 2ft/840	10	1200	4000	600
93038459	LED 10/T8 PPR 2ft/865	10	1200	6500	600
93038469	LED 18/T8 PPR 4ft/830	18	1980	3000	1200
93038458	LED 18/T8 PPR 4ft/840	18	2200	4000	1200
93038473	LED 18/T8 PPR 4ft/865	18	2200	6500	1200
93038472	LED 27/T8 PPR 5ft/830	27	3100	3000	1500
93038471	LED 27/T8 PPR 5ft/840	27	3300	4000	1500
93038470	LED 27/T8 PPR 5ft/865	27	3300	6500	1500



LED T8 Glass

- CCG (magnetic) ballast compatibility or direct connection to mains (50-60Hz)
- Up to 114 lm/W
- Ambient temperature ratings: -20°C ... + 40°C



Product code	Product description	Watts (W)	Lumens (lm)	Colour temp (K)	Length (mm)
93013212	LED 8/T8 VG 2ft/830	8	700	3000	600
93013213	LED 8/T8 VG 2ft/840	8	800	4000	600
93013214	LED 8/T8 VG 2ft/865	8	800	6500	600
93013215	LED 10/T8 VG 2ft/830	10	950	3000	600
93013220	LED 10/T8 VG 2ft/840	10	1050	4000	600
93013221	LED 10/T8 VG 2ft/865	10	1050	6500	600
93013231	LED 14.5/T8 VG 4ft/830	14.5	1450	3000	1200
93013232	LED 14.5/T8 VG 4ft/840	14.5	1650	4000	1200
93013233	LED 14.5/T8 VG 4ft/865	14.5	1650	6500	1200
93013139	LED 18/T8 VG 4ft/830	18	1850	3000	1200
93013222	LED 18/T8 VG 4ft/840	18	2050	4000	1200
93013140	LED 18/T8 VG 4ft/865	18	2050	6500	1200
93013354	LED 18/T8 VG 5ft/830	18	1850	3000	1500
93013355	LED 18/T8 VG 5ft/840	18	2050	4000	1500
93013355	LED 18/T8 VG 5ft/865	18	2050	6500	1500
93013234	LED 27/T8 VG 5ft/830	27	2500	3000	1500
93013235	LED 27/T8 VG 5ft/840	27	2700	4000	1500
93013235	LED 27/T8 VG 5ft/865	27	2700	6500	1500
93040746	LED 30/T8 VG 6ft/830	30	3300	3000	1800
93040747	LED 30/T8 VG 6ft/840	30	3600	4000	1800
93040748	LED 30/T8 VG 6ft/865	30	3600	6500	1800

LED T8 Glass Rotatable

- CCG (magnetic) ballast compatibility or direct connection to mains (50-60Hz)
- Up to 114 lm/W
- Ambient temperature ratings: -20°C ... + 40°C



Product code	Product description	Watts (W)	Lumens (lm)	Colour temp (K)	Length (mm)
93022320	LED 8/T8 VGR 2ft/830	8	700	3000	600
93022319	LED 8/T8 VGR 2ft/840	8	800	4000	600
93022327	LED 8/T8 VGR 2ft/865	8	800	6500	600
93022322	LED 10/T8 VGR 2ft/830	10	950	3000	600
93022323	LED 10/T8 VGR 2ft/840	10	1050	4000	600
93022321	LED 10/T8 VGR 2ft/865	10	1050	6500	600
93022312	LED 14.5/T8 VGR 4ft/830	14.5	1450	3000	1200
93022315	LED 14.5/T8 VGR 4ft/840	14.5	1650	4000	1200
93022313	LED 14.5/T8 VGR 4ft/865	14.5	1650	6500	1200
93022316	LED 18/T8 VGR 4ft/830	18	1850	3000	1200
93022317	LED 18/T8 VGR 4ft/840	18	2050	4000	1200
93022318	LED 18/T8 VGR 4ft/865	18	2050	6500	1200
93022324	LED 27/T8 VGR 5ft/830	27	3000	3000	1500
93022326	LED 27/T8 VGR 5ft/840	27	3000	4000	1500
93022325	LED 27/T8 VGR 5ft/865	27	3000	6500	1500

LED T8 Start Glass

- CCG (magnetic) ballast compatibility or direct connection to mains (50-60Hz)
- Up to 100lm/W
- Ambient temperature ratings: -20°C ...+40°C



Product code	Product description	Watts (W)	Lumens (lm)	Colour temp (K)	Length (mm)
93033886	LED 8/T8 SG 2ft/830	8	720	3000	600
93033881	LED 8/T8 SG 2ft/840	8	800	4000	600
93033880	LED 8/T8 SG 2ft/865	8	800	6500	600
93033879	LED 16/T8 SG 4ft/830	16	1440	3000	1200
93033878	LED 16/T8 SG 4ft/840	16	1650	4000	1200
93033877	LED 16/T8 SG 4ft/865	16	1650	6500	1200
93033876	LED 27/T8 SG 5ft/830	27	2430	3000	1500
93033795	LED 27/T8 SG 5ft/840	27	2700	4000	1500
93033794	LED 27/T8 SG 5ft/865	27	2700	6500	1500

Instant retrofit. Instant savings.



Annual savings and payback calculation

While LED lamps may still have a higher initial purchase price than traditional technologies, their overall efficiency delivers a rapid payback and significant on-going savings.

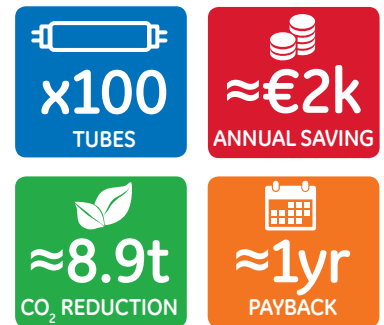
This means that, for an installation of just 100 lamps, switching to GE LED T8 tubes can pay for itself in as little as a year. From this point on, savings in energy alone are almost €2k a year, with additional significant savings in relamping and maintenance over the lifetime of the lamps.

Performance comparison	58W LFL	27W LED T8
Number of tubes (pcs)	100	100
Watts/lamp (incl. system loss)*	68	28
Operating hours/day	12	12
Operating days/year	345	345
Annual Energy consumption (kWh)	28,152	11,592
kW rate (Eur)	0.12	0.12
Annual energy cost (Eur)	€3,378	€1,391
Annual energy cost saving w/ LED T8		€1,987

- Energy cost savings of approx. €20 per tube per year
- Potential one year payback based on energy saving alone
- Additional savings in maintenance due to longer life

CO ₂ emissions	
CO ₂ emission per kWh (kg)**	0.54
Annual CO₂ saving (tonnes) w/ LED T8	8.9

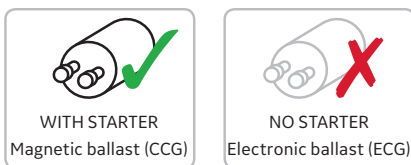
* Watts incl. System loss for LFL tubes can vary depending on ballast type
** Conversion factor can be different by country



All figures/calculations are indicative only; exact savings will be determined by local energy costs.

Replacement guidelines

Replacing a fluorescent tube with a GE LED Tube is simple; the only thing you need to know is whether the existing tube uses an electronic or magnetic ballast. The easy way to work this out is to check if there's a starter unit:



Replacing magnetic ballast lamps

All our LED T8 Glass tubes and our LED T8 Plastic (BP, PPR) tubes are compatible with magnetic ballast fixtures. Just switch off the power, remove the tube and replace the LFL starter with the LED starter supplied. Fit the new GE LED T8 tube and turn the power back on.

Replacing electronic ballast lamps

Our LED T8 PHF products can be used to replace lamps operated on electronic ballasts. Simply turn the power off and swap the lamps.

Imagination at work

For further information please contact your sales representative or visit us on the web at www.gelighting.com/eu

www.gelighting.com/eu

and General Electric are both registered trademarks of the General Electric Company

GE Lighting is constantly developing and improving its products. For this reason, all product descriptions in this brochure are intended as a general guide, and we may change specifications from time to time in the interest of product development, without prior notification or public announcement. All descriptions in this publication present only general particulars of the goods to which they refer and shall not form part of any contract. Data in this guide has been obtained in controlled experimental conditions. However, GE Lighting cannot accept any liability arising from the reliance on such data to the extent permitted.