



TUBE 85++



Areas of application

High-End GLT LED TUBE Made in Germany, sustainable and 90% recyclable:

- Industrial areas, for example production halls, warehouses, trade centers
- Offices, schools, hotels
- Wholesale stores, garages, public buildings

Product benefits GLT TUBE 85++

Highest quality and maximum energy saving:

- Double-capped LED retrofit lamp for suitable luminaires, fixtures and fittings according international norm IEC EN 62776.
- Up to 80% energy savings.
- Lowest CO₂ Carbon Footprint on the market, reduce of CO₂-output about 75%.
- Lifetime >50.000 hours (L70= 130.000 hours).
- The high-performance power supply and overvoltage protection are integrated in the GLT LED TUBE.
- Samsung LEDs.
- CE conformity of the luminaire is maintained.
- Conversion possible as purchase, rental or leasing.

Double-capped LED conversion lamp that can be used as a replacement for another type of lamp that requires modification of the luminaire (ECG luminaire). In this case, the ballast is bridged by a qualified electrician using the GLT-conversion kit supplied.

Sustainability

GLT LED TUBES - resource-saving and economical:

- Environmental Product Declaration (EPD) in accordance with international standards ISO 14025 and EN 15804, LED luminaires for measuring and evaluating the energy and environmental impact of lighting. Building block for corporate sustainability strategies.
- Made in Germany -research, development and production exclusively in Germany.
- All components can be replaced and repaired.
- GLT reusable system - we take back your old GLT LED TUBES.



Product data | GLT TUBE 85++

Certificates:

Photobiological protection class:

IK protection class:

Operating temperature:

Switching cycles before failure:

Warranty:

Socket/base:

Cover:

Length:

Weight:

Dimensions:

CE, EPD

0

10

-40°C to +70°C

>1.000.000

5 years

T5/G5

Milky, Diffuse, Clear

85 cm

264 g

85,7 cm x 2,8 cm Ø

Photometric characteristics

Beam angle:

Lumen:

Colour temperature:

Colour rendering index:

L70 (70% luminous intensity):

90°, 120°, 150°

1.500 lm - 2.100 lm

3.000K, 4.000K, 5.000K

Ra 92 - Ra 94

L70 = 130.000 hours

Electrical characteristics

Input voltage:

AC/DC-compatible:

Consumption:

Power supply:

Operating frequency:

Lifetime:

Power factor:

Power consumption:

230 Volt

185 - 265 V

14 W

Integrated high-performance power supply

50 - 60 Hz

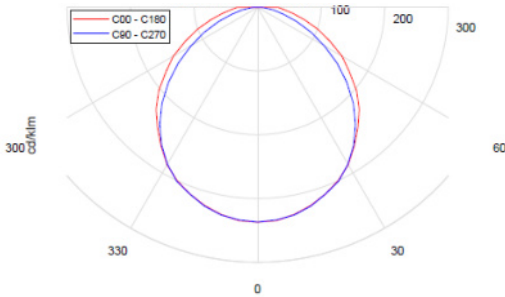
>50.000 hours

>95

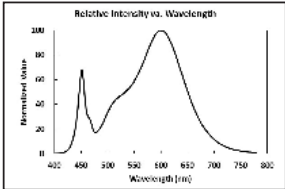
13,8 kWh/1.000 h

All article numbers are available with adjustable end caps from 0° to 90°. The technical specifications remain unchanged.

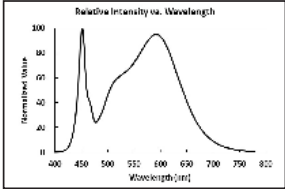
light distribution



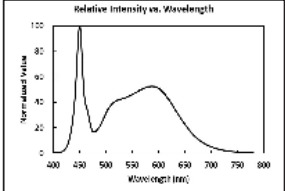
light spectrum 3.000K



light spectrum 4.000K



light spectrum 5.000K



article-nr.	description	cover	colour temperature	luminous flux	EPREL-nr.	energy efficiency
1001850230202003	GLT TUBE 85 M 3K+	Milky 120°	3.000K	1.600 lm	1392530	A I G E
1001850240203003	GLT TUBE 85 M 4K++	Milky 120°	4.000K	2.100 lm	1392535	A I G C
1001850250203003	GLT TUBE 85 M 5K++	Milky 120°	5.000K	2.100 lm	1392540	A I G C
1001850530202003	GLT TUBE 85 D 3K+	Diffuse 150°	3.000K	1.500 lm		A I G E
1001850540203003	GLT TUBE 85 D 4K++	Diffuse 150°	4.000K	2.000 lm	1392549	A I G C
1001850550203003	GLT TUBE 85 D 5K++	Diffuse 150°	5.000K	2.000 lm	1903897	A I G C
1001850150203003	GLT TUBE 85 C 5K++	Clear 90°	5.000K	2.100 lm	1988153	A I G C

The luminaire complies with the basic requirements of the applicable EU directives and product safety law and carries the CE mark and EPD. Please consult your consultant if the luminaire is to be used in chemically polluted environments, under increased ambient temperatures or high or condensing humidity.