



TUBE 145 HP



Areas of application

GLT TUBE High Performance for powerful light at high installation heights:

- For all industrial areas with high installation heights
- Production-, logistics-, storage- and exhibition halls
- 1:1 replacement of 80 watt fluorescent tubes



Product benefits

The latest LED generation of the GLT TUBE with high lumen output:

- Double-capped LED retrofit lamp for suitable luminaires, fixtures and fittings according international norm IEC EN 62776.
- Highest lumen output 6,000 lumen / 210 lm/W.
- Highest energy efficiency class A for all models, up to 80% energy savings.
- Lowest CO₂ Carbon Footprint on the market, reduce of CO₂-output about 75%.
- Lifetime >100.000 hours.
- The high-performance power supply and overvoltage protection are integrated in the GLT TUBE.
- 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 TUBES - resource-saving and economical:

- Environmental Product Declaration (EPD) in accordance with international standards ISO 14025 and EN 15804. Certified by the Institut Bauen und Umwelt e.V. as a LED light source for sustainable construction.
- 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 TUBES.



Product data | GLT TUBE 145 High Performance (HP)

Certificates:CE, EPD

Photobiological protection class:0

IK protection class:10

Operating temperature:-40°C to +70°C

Switching cycles before failure:>1.000.000

Warranty:5 years

Socket/base:T5/G5

Cover:Milky, Diffuse, Clear

Length:145 cm

Weight:412 g

Dimensions:146,3 cm x 2,8 cm Ø

Photometric characteristics

Beam angle:90°, 120°, 150°

Lumen:5.800 - 6.000 lm

Colour temperature:3.000K, 3.500K, 4.000K, 5.000K

Colour rendering index:Ra 80 - Ra 94

L70 (70% luminous intensity):L70 = 130.000 hours

Electrical characteristics

Input voltage:230 Volt

AC/DC-compatible:185 - 265 V

Consumption:30 W

Power supply:Integrated high-performance power supply

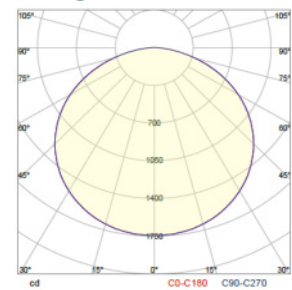
Operating frequency:50 - 60 Hz

Lifetime:>100.000 hours

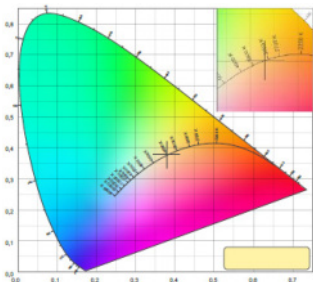
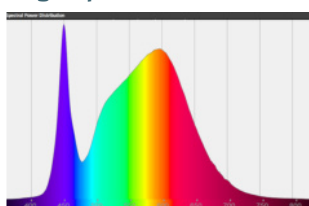
Power factor:>95

Power consumption:30 kWh/1.000 h

light distribution



lightspectrum 4.000K



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

article-nr.	description	cover	colour temperature	luminous flux	EPREL-nr.	energy efficiency
1001140240205003	GLT TUBE 145 M 4K HP	Milky 120°	4.000K	6.000 lm	2179595	<div><div>A</div><div>I</div><div>G</div></div>
1001140540205003	GLT TUBE 145 D 4K HP	Diffuse 150°	4.000K	5.800 lm	2179595	<div><div>A</div><div>I</div><div>G</div></div>
1001140150204003	GLT TUBE 145 C 4K HP	Clear 90°	4.000K	6.000 lm	2179600	<div><div>A</div><div>I</div><div>G</div></div>

The GLT TUBE High Performance is available in other lengths and colour temperatures on request.

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.