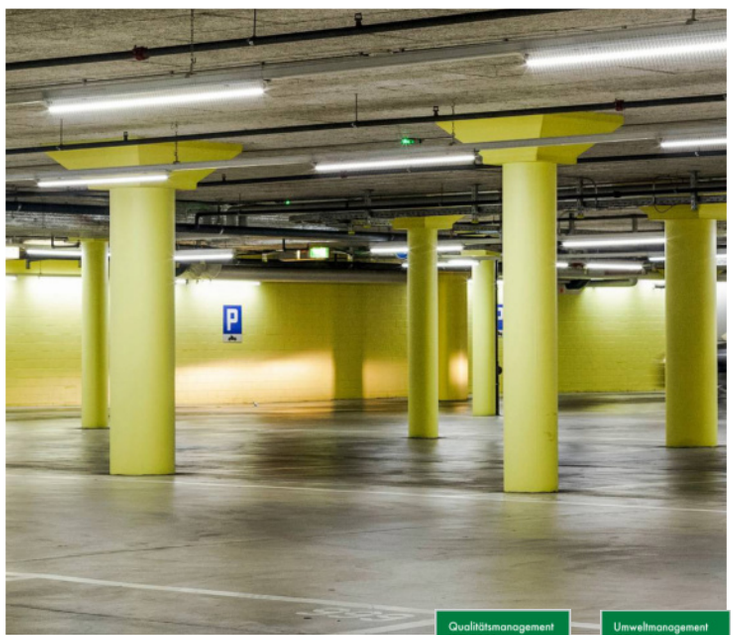
TUBE 145 SP



Areas of application

The new GLT LED TUBE Supreme Performance, first-class light with the lowest possible energy consumption:

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

Product benefits GLT TUBE 145 Supreme Performance

Highest quality and durability with maximum energy savings:

- Double-capped LED retrofit lamp for suitable luminaires, fixtures and fittings according international norm IEC EN 62776.
- Up to 80% energy savings.
- Lowest CO_2 Carbon Footprint on the market, reduce of CO_2-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.

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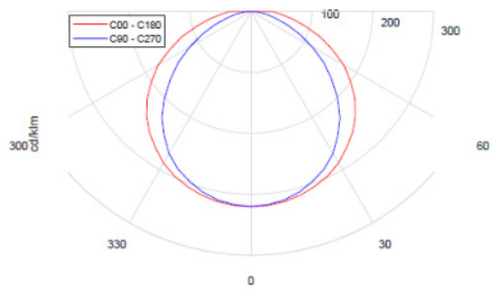
Product data | GLT TUBE 145 Supreme Performance

Certificates:	CE, EPD
Photobiolocical 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

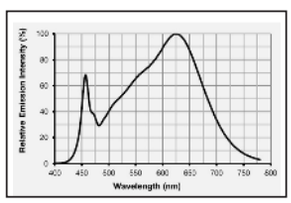
light distribution



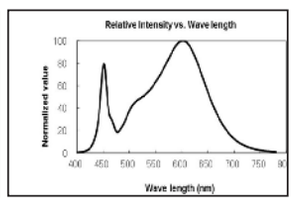
Photometric characteristics

Beam angle:	90°, 120°, 150°
Lumen:	3.250 lm - 3.550 lm
Colour temperature:	3.000K, 3.500K, 4.000K, 5.000K
Colour rendering index:	Ra 92 - Ra 94
L70 (70% luminous intensity):	L70 = 130.000 hours

light spectrum 3.000K



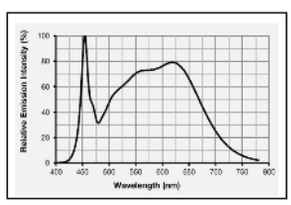
light spectrum 3.500K



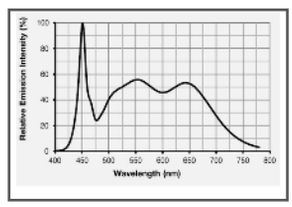
Electrical characteristics

Input voltage:	230 Volt
AC/DC-compatible:	185 - 265 V
Consumption:	17 W
Power supply:	Integrated high-performance power supply
Operating frequency:	50 - 60 Hz
Lifetime:	>50.000 hours
Power factor:	>95
Power consumption:	16,8 kWh/1.000 h

light spectrum 4.000K



light spectrum 5.000K



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
1001140230204001	GLT TUBE 145 M 3K SP	Milky 120°	3.000K	3.450 lm	2019385	A
1001140235204001	GLT TUBE 145 M 3,5K SP	Milky 120°	3.500K	3.500 lm	2019394	A
1001140240204001	GLT TUBE 145 M 4K SP	Milky 120°	4.000K	3.550 lm	2019401	A
1001140250204001	GLT TUBE 145 M 5K SP	Milky 120°	5.000K	3.550 lm	2019407	A
1001140530204003	GLT TUBE 145 D 3K SP	Diffuse 150°	3.000K	3.250 lm	2019453	A
1001140535204003	GLT TUBE 145 D 3,5K SP	Diffuse 150°	3.500K	3.300 lm	2019462	A
1001140540204003	GLT TUBE 145 D 4K SP	Diffuse 150°	4.000K	3.350 lm	2019469	A
1001140550204003	GLT TUBE 145 D 5K SP	Diffuse 150°	5.000K	3.400 lm	2019476	A
1001140140204001	GLT TUBE 145 C 4K SP	Clear 90°	4.000K	3.550 lm	2019482	A
1001140150204001	GLT TUBE 145 C 5K SP	Clear 90°	5.000K	3.550 lm	2019488	A

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.