



TUBE 115 ++



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 115++

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 115++

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:	115 cm
Weight:	330 g
Dimensions:	116,3 cm x 2,8 cm Ø

Photometric characteristics

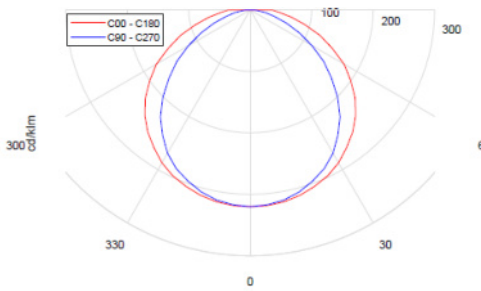
Beam angle:	90°, 120°, 150°
Lumen:	1.900 lm - 2.500 lm
Colour temperature:	3.000K, 4.000K, 5.000K
Colour rendering index:	Ra 92 - Ra 94
L70 (70% luminous intensity):	L70 = 130.000 hours

Electrical characteristics

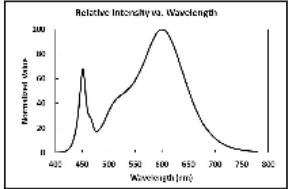
Input voltage:	230 Volt
AC/DC-compatible:	185 - 265 V
Consumption:	14 W
Power supply:	Integrated high-performance power supply
Operating frequency:	50 - 60 Hz
Lifetime:	>50.000 hours
Power factor:	>95
Power consumption:	13,8 kWh/1.000 h

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

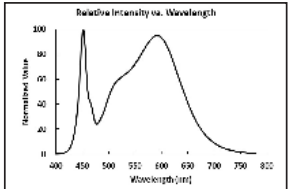
light distribution



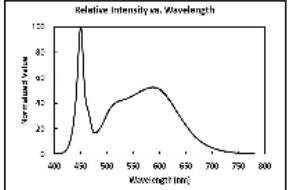
light spectrum 3.000K



light spectrum 4.000K



light spectrum 5.000K



Artikel-Nr.	Bezeichnung	Abdeckung	Farbtemperatur	Lichtstrom	EPREL-Nr.	Energieeffizienz
1001110230202003	GLT TUBE 115 M 3K+	Milky 120°	3.000K	2.000 lm	1463432	AIG C
1001110240203003	GLT TUBE 115 M 4K++	Milky 120°	4.000K	2.500 lm	1388794	AIG A
1001110250203003	GLT TUBE 115 M 5K++	Milky 120°	5.000K	2.500 lm	1388795	AIG A
1001110530202003	GLT TUBE 115 D 3K+	Diffuse 150°	3.000K	1.900 lm	2014394	AIG D
1001110540203003	GLT TUBE 115 D 4K++	Diffuse 150°	4.000K	2.300 lm	1463419	AIG B
1001110550203003	GLT TUBE 115 D 5K++	Diffuse 150°	5.000K	2.300 lm	1388796	AIG B
1001110140203003	GLT TUBE 115 C 4K++	Clear 90°	4.000K	2.500 lm	1388798	AIG A
1001110150203003	GLT TUBE 115 C 5K++	Clear 90°	5.000K	2.500 lm	1988352	AIG 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.