



TUBE 97



Areas of application

High-End 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

Highest quality and maximum energy saving:

- Up to 80% energy savings
- Lowest CO₂ Carbon Footprint on the market, reduce of CO₂-output about 75%
- Lifetime >50.000 hours
- Samsung LEDs
- Direct retrofit for luminaires with CB by replacing lamps and starters
- With electronic lighting ballasts, the GLT TUBE can be installed only by qualified professionals
- Conversion possible as purchase, rental or leasing



article-no.	description	cover	colour temperature	luminous flux
1001970230202003	GLT TUBE 97 M 3K+	Milky 120°	3.000K	1.600 lm
1001970240203003	GLT TUBE 97 M 4K++	Milky 120°	4.000K	2.100 lm
1001970250203003	GLT TUBE 97 M 5K++	Milky 120°	5.000K	2.100 lm
1001970530202003	GLT TUBE 97 D 3K+	Diffuse 150°	3.000K	1.500 lm
1001970540203003	GLT TUBE 97 D 4K++	Diffuse 150°	4.000K	2.000 lm
1001970550203003	GLT TUBE 97 D 5K++	Diffuse 150°	5.000K	2.000 lm
1001970150203003	GLT TUBE 97 C 5K++	Clear 90°	5.000K	2.100 lm



Product data | GLT TUBE 97

Certificates:	CE, ENEC 05 DEKRA, Made in Germany
Photobiological protection class:	0
IK protection class:	10
Operating temperature:	-40°C to +70°C
Switching cycles before failure:	>1.000.000
Energy efficiency class:	A ++
Warranty:	3 years

Socket/base:	G13/T8
Cover:	Milky, Diffuse, Clear
Length:	97 cm
Weight:	285 g
Dimensions:	98,3 cm x 2,8 cm Ø



Photometric characteristics

Beam angle:	90°, 120°, 150°
Lumen:	1.500 lm - 2.100 lm
Colour temperature:	3.000K, 4.000K, 5.000K
Colour rendering index:	Ra 92 - Ra 94
L70 (70% luminous intensity):	L70 = 130.000 hours

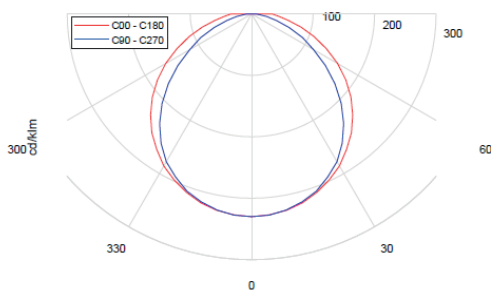
Electrical characteristics

Input voltage:	230 Volt
Consumption:	14 W
Operating frequency:	50 - 60 Hz
Lifetime:	>50.000 hours
Power factor:	>95
Power consumption:	13,8 kWh/1.000 h

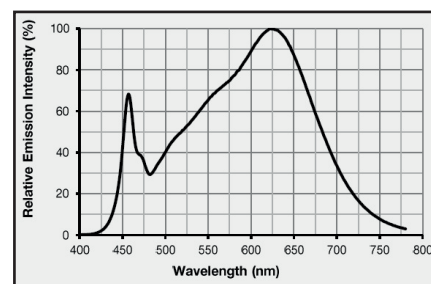
Start up

1. Switch off the power supply
2. Remove conventional lamp
3. Remove starter
4. Snap the GLT dummy in the starter holder
5. Insert GLT TUBE into the lamp socket
6. Turn the GLT TUBE 90°
7. Turn on power and check that the lamp starts

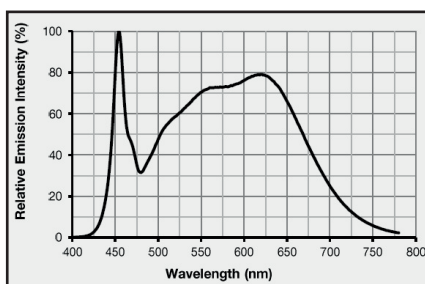
light distribution



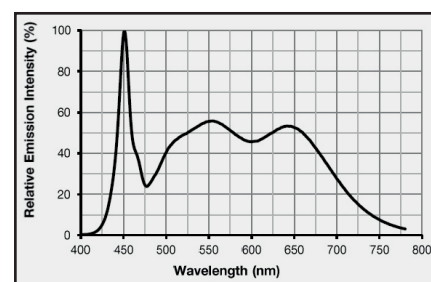
light spectrum 3000K



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The luminaire complies with the basic requirements of the applicable EU directives and product safety law and carries the CE mark and ENEC 05 DEKRA. Please consult your consultant if the luminaire is to be used in chemically polluted environments, under increased ambient temperatures or high or condensing humidity.