



# TUBE 55



## 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:

- Double-capped LED retrofit lamp for suitable luminaires, fixtures and fittings according international norm IEC EN 62776.
- Up to 80% energy savings.
- Lowest CO<sub>2</sub> Carbon Footprint on the market, reduce of CO<sub>2</sub>-output about 75%.
- Lifetime >50.000 hours.
- The high-performance power supply and overvoltage protection are integrated in the GLT 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 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 55

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: 3 years

Socket/base: G5/T5  
 Cover: Milky, Diffuse, Clear  
 Length: 55 cm  
 Weight: 188 g  
 Dimensions: 55,4 cm x 2,8 cm Ø

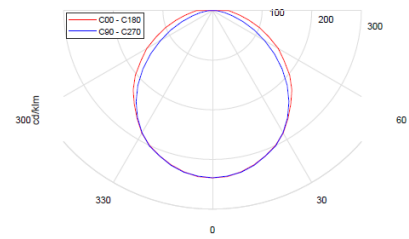
### Photometric characteristics

Beam angle: 90°, 120°, 150°  
 Lumen: 950 lm - 1.200 lm  
 Colour temperature: 3.000K, 4.000K, 5.000K  
 Colour rendering index: Ra 92 - Ra 94  
 L70 (70% luminous intensity): L70 = 130.000 hours

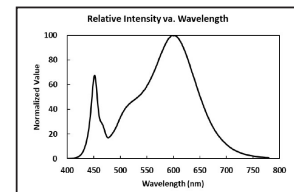
### Electrical characteristics

Input voltage: 230 Volt  
 Consumption: 6 W  
 Power supply: Integrated high-performance power supply  
 Operating frequency: 50 - 60 Hz  
 Lifetime: >50.000 hours  
 Power factor: >95  
 Power consumption: 6,0 kWh/1.000 h

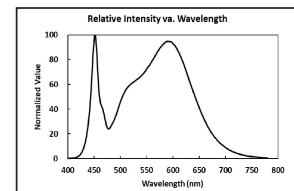
### light distribution



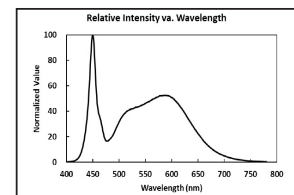
### light spectrum 3.000K



### light spectrum 4.000K



### light spectrum 5.000K



article-nr.	description	cover	colour temperature	luminous flux	EPREL-nr.	energy efficiency
1001050230202003	GLT TUBE 55 M 3K+	Milky 120°	3.000K	1.000 lm	1392575	A I G <b>B</b>
1001050240203003	GLT TUBE 55 M 4K++	Milky 120°	4.000K	1.200 lm	1392576	A I G <b>A</b>
1001050250203003	GLT TUBE 55 M 5K++	Milky 120°	5.000K	1.200 lm	1392577	A I G <b>A</b>
1001050530203003	GLT TUBE 55 D 3K++	Diffuse 150°	3.000K	1.150 lm	1462624	A I G <b>A</b>
1001050540203003	GLT TUBE 55 D 4K++	Diffuse 150°	4.000K	1.150 lm	1392578	A I G <b>A</b>
1001050550203003	GLT TUBE 55 D 5K++	Diffuse 150°	5.000K	1.150 lm	1392580	A I G <b>A</b>
1001050150203003	GLT TUBE 55 C 5K++	Clear 90°	5.000K	1.200 lm		A I G <b>A</b>

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.