



# TUBE 85



## 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 CO<sub>2</sub> Carbon Footprint on the market, reduce of CO<sub>2</sub>-output about 75%
- Lifetime >50.000 hours
- Samsung LEDs
- The GLT TUBE is installed only by qualified professionals
- Conversion possible as purchase, rental or leasing



article-no.	description	cover	colour temperature	luminous flux
1001850230202003	GLT TUBE 85 M 3K+	Milky 120°	3.000K	1.600 lm
1001850240203003	GLT TUBE 85 M 4K++	Milky 120°	4.000K	2.100 lm
1001850250203003	GLT TUBE 85 M 5K++	Milky 120°	5.000K	2.100 lm
1001850530202003	GLT TUBE 85 D 3K+	Diffuse 150°	3.000K	1.500 lm
1001850540203003	GLT TUBE 85 D 4K++	Diffuse 150°	4.000K	2.000 lm
1001850550203003	GLT TUBE 85 D 5K++	Diffuse 150°	5.000K	2.000 lm
1001850150203003	GLT TUBE 85 C 5K++	Clear 90°	5.000K	2.100 lm



## Product data | GLT TUBE 85

Certificates:	CE, 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:	T5/G5
Cover:	Milky, Diffuse, Clear
Length:	85 cm
Weight:	264 g
Dimensions:	85,7 cm x 2,8 cm Ø



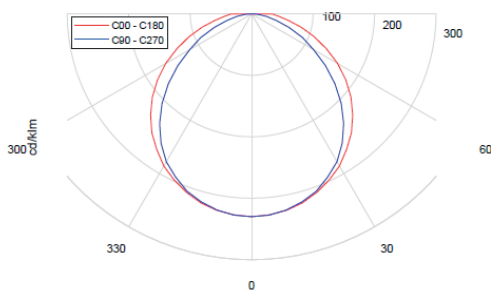
## Photometric characteristics

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

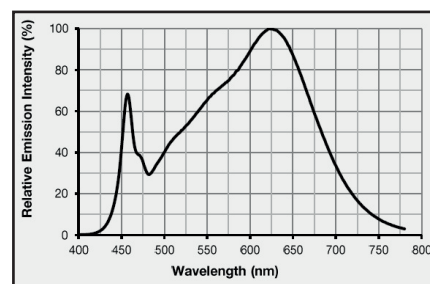
## Electrical characteristics

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

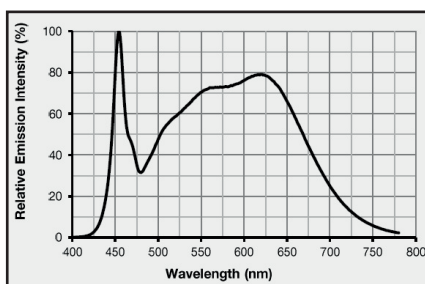
### light distribution



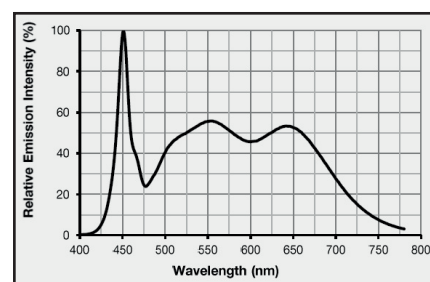
### light spectrum 3000K



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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. Please consult your consultant if the luminaire is to be used in chemically polluted environments, under increased ambient temperatures or high or condensing humidity.