



# TUBE 145



## 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
1001140230202003	GLT TUBE 145 M 3K+	Milky 120°	3.000K	2.500 lm
1001140240203003	GLT TUBE 145 M 4K++	Milky 120°	4.000K	3.000 lm
1001140250203003	GLT TUBE 145 M 5K++	Milky 120°	5.000K	3.000 lm
1001140530202003	GLT TUBE 145 D 3K+	Diffuse 150°	3.000K	2.300 lm
1001140540203003	GLT TUBE 145 D 4K++	Diffuse 150°	4.000K	2.800 lm
1001140550203003	GLT TUBE 145 D 5K++	Diffuse 150°	5.000K	2.800 lm
1001140140203003	GLT TUBE 145 C 4K++	Clear 90°	4.000K	3.000 lm
1001140150203003	GLT TUBE 145 C 5K++	Clear 90°	5.000K	3.000 lm



## Product data | GLT TUBE 145

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:	145 cm
Weight:	412 g
Dimensions:	146,3 cm x 2,8 cm Ø



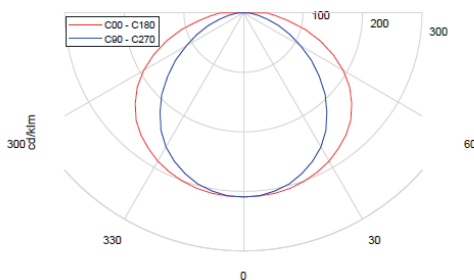
## Photometric characteristics

Beam angle:	90°, 120°, 150°
Lumen:	2.300 lm - 3.000 lm
Colour temperature:	3.000K, 4.000K, 5.000K
Colour rendering index:	Ra 92 - Ra 94
L70 (70% luminous intensity):	L70 = 130.000 hours

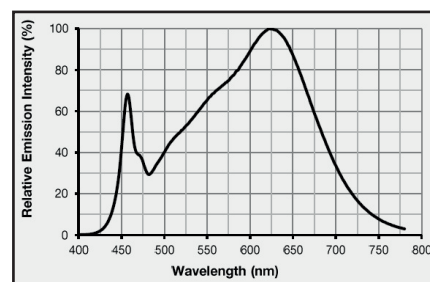
## Electrical characteristics

Input voltage:	230 Volt
Consumption:	18 W
Operating frequency:	50 - 60 Hz
Lifetime:	>50.000 hours
Power factor:	>95
Power consumption:	16,8 kWh/1.000 h

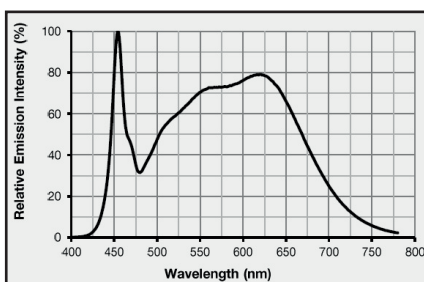
### light distribution



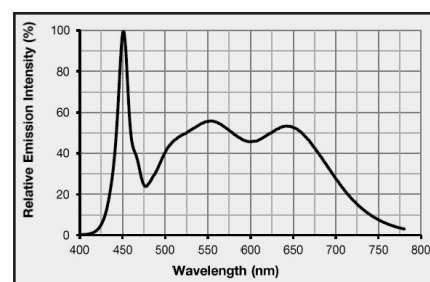
### light spectrum 3000K



### light spectrum 4000K



### light spectrum 5000K



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.