

gl^t LED TUBE 85 D 5K++



Application area, Product advantages & Sustainability

Areas of Application

For all industrial sectors such as production, logistics and warehouse halls, exhibition halls.
Public buildings, offices, parking garages, parking facilities, wholesale markets.



Product Advantages GLT LED TUBE

- Double-ended LED lamp according to IEC EN 62776 for standard luminaires and fixtures (CE).
- Up to 80% energy savings.
- Lowest CO₂ carbon footprint on the market, reducing CO₂ emissions by 75%.
- Long lifetime 130,000 hours (L70 including power supply).
- High-performance power supply and surge protection integrated.
- AC/DC compatible: 185–265 V.
- Available as purchase, lease or rental.

Standard-compliant (CE), double-ended LED retrofit lamp for luminaires with conventional control gear (CCG/VVG). Starter is replaced by dummy and connected directly to 230 V.

Standard-compliant (CE), double-ended LED conversion lamp for luminaires with electronic control gear (EVG). Connected directly to 230 V by qualified electrician.

Sustainability

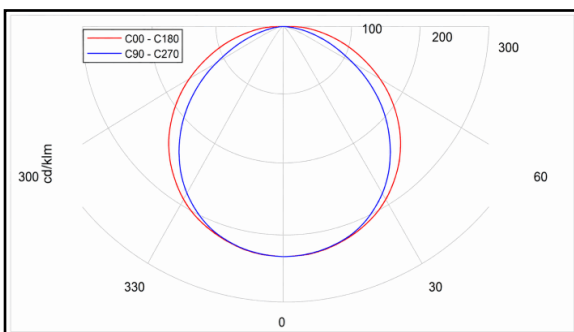
- Environmental Product Declaration (EPD) according to ISO 14025 and EN 15804 (Fraunhofer).
- Made in Germany – development and production exclusively in Germany.
- All components are replaceable and repairable.
- GLT reusable system – we take back used GLT LED TUBES.

Technical Productdata

GLT LED TUBE 85 D 5K++

Item No.	1001850550203003
EAN/GTIN	4262494090196
Certification	CE, EPD
Photobiological protection class	0
IK protection rating	10
Ambient temperature	-40°C - +70°C
Switching cycles	>1.000.000
Warranty (years)	5
Base/socket	G5/T5
Cover	Diffuse
Length	85 cm
Dimensions	85,7 cm x 2,8 cm Ø
Net weight	264 g
Beam angle	150°
Luminous flux (lumens)	2.000 lm
Color temperature	5.000K
Color rendering index	Ra 92 - 94
L70 (70% luminous intensity)	L70 = 130.000 h
Input voltage	230 V
AC/DC compatible	185 V - 265 V
Power	14 W
Power supply integrated	High-Power-Supply
Operating frequency	50 - 60 Hz
Lifespan	>50.000 h
Power factor	>95
Energy consumption	13,8 kWh/1.000 h
Energy efficiency class	C
Customs tariff No.	85395200
Eprel	1903897

Light distribution



Light spectrum



All item no. are available with an adjustable end cap from 0° to 90°. Technical specifications remain unchanged.

The GLT LED TUBE complies with the essential requirements of the applicable EU directives and the Product Safety Act and bears the CE marking. When using the GLT LED TUBE in chemically aggressive ambient atmospheres, at elevated ambient temperatures, or in conditions of high or condensing humidity, please consult your advisor.