

®lt LUME Cleanled Conversion Kit



Areas of application

GLT Lume Cleanled Conversion Kit for all industrial areas requiring clean room conditions:

- Production and logistics halls, warehouses
- Hospitals, laboratories
- Research and development facilities



Product benefits

Existing cleanroom luminaires can be converted to efficient LED lighting technology very quickly:

- Direct replacement for existing light sources
- No modification of the luminaire housing, only lamp replacement
- Tool-free and quick assembly
- Cleanroom-qualification remains, no contamination of the cleanroom
- Exchange during operation possible
- Conversion of clean room luminaires of any type, all common sizes available
- Up to 60% energy savings
- Made in Germany



article-no.	description	beam angle	colour temperature	luminous flux
1201030040000101	GLT Lume Cleanled Conversion Kit, 3 LED modules, 4K standard	120°	4.000K	6.000 lm
1201030050000101	GLT Lume Cleanled Conversion Kit, 3 LED modules, 5K standard	120°	5.000K	6.000 lm
1201040040000101	GLT Lume Cleanled Conversion Kit, 4 LED modules, 4K standard	120°	4.000K	10.000 lm
1201040050000101	GLT Lume Cleanled Conversion Kit, 4 LED modules, 5K standard	120°	5.000K	10.000 lm
1202040040000101	GLT Lume Cleanled Conversion Kit, 4K emergency light	120°	4.000K	10.000 lm
1202040050000101	GLT Lume Cleanled Conversion Kit, 5K emergency light	120°	5.000K	10.000 lm



Product data	GLT Lume Cleanled Conversion Kit 3 LED modules	GLT Lume Cleanled Conversion Kit 4 LED modules
Certificates:	CE (power supply: ENEC), Made in Germany	CE (power supply: ENEC), Made in Germany
Photobiological protection class:	1	1
Operating temperature:	-20°C to +60°C	-20°C to +60°C
Energy efficiency class:	A	A
Warranty:	3 years	3 years
Material:	Supporting plate made of aluminum, powder coated, RAL 9010	Supporting plate made of aluminum, powder coated, RAL 9010
Net weight*:	1.100 g	1.400 g
Dimensions*:	individual (L x B x H)	individual (L x B x H)
Photometric characteristics		
Beam angle:	120°	120°
Lumen*:	to 6.000 lm	to 10.000 lm
Colour temperature:	4.000K, 5000K	4.000K, 5.000K
Colour rendering index:	RA >90	RA >90
L70 (70% luminous intensity):	L70 = 60.000 hours	L70 = 60.000 hours
Electrical characteristics		
Input voltage:	230 Volt	230 Volt
Consumption*:	to 45 W	to 75 W
Power consumption*:	to 0,20 A	to 0,33 A
Operating frequency:	50 - 60 Hz	50 - 60 Hz
Lifetime:	> 50.000 hours	> 50.000 hours
Power factor:	> 95	> 95
Packaging unit:	10 pieces	10 pieces

Assembly

The GLT Lume Cleanled Conversion Kit is screwed on, loosely inserted from above or attached with a magnetic holder.



GLT Lume Cleanled Conversion Kit, 4 LED modules

***Comment:**

The GLT Lume Cleanled Conversion Kit is available as lamp replacement in all common sizes with 3 or 4 LED modules. According to customers' requirements, the luminous flux and consumption can be adjusted. The stated values are standard values. The lamp replacement in the existing housing is carried out quickly and without tools during operation, no contamination of the cleanroom. The cleanroom-qualification remains.

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.