



VALTAVALO® HIGH TEMP

TOP PERFORMANCE LED TUBE ESPECIALLY FOR DEMANDING APPLICATIONS

Manufactured in Finland on a fully automated production line according to LED tube standard EN62776.

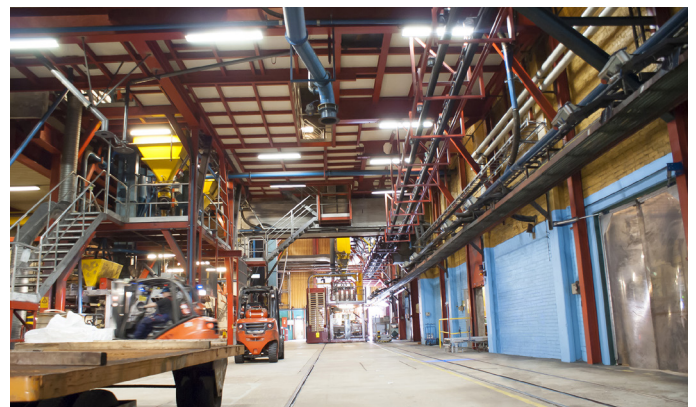
Valtavalo® High Temp - challenge even the most demanding conditions

Ability to operate under wide temperature range (up to +70 °C), high tolerance to vibration as well as long service life make G5 High Temp an excellent choice for demanding industrial applications. Unique mechanical and electrical design, high-quality components and automatic manufacturing provide exceptional lighting quality year after year also in the most demanding environments, not to mention market leading luminous efficacy, up to 180 lm/W. To make the installation of your G5 High Temp LED tube perfect, there is a variety of luminaires for a wide range of applications able to resist exposure to high temperatures, dust and other contaminants.



FLICKER-FREE LIGHT FOR IMPROVED SAFETY AT WORK

According to studies, the flickering of electric lights can lead to a misjudgement of hazardous situations and be dangerous in places where it is important to accurately see the moving parts of machines. Flicker may be visible, but, even if it was invisible to the human eye, it would not go unnoticed by the retina and brain. As a result, flicker-free light plays a significant role in preventing occupational accidents, particularly in industrial fields. The flicker percentage of a typical LED tube is 30%, whereas Valtavalo G5 High Temp provides non-flickering, excellent quality light with a flicker percentage of less than 1%.



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WHY G5 HIGH TEMP

TOP PERFORMANCE

- High tolerance to heat
- High tolerance to vibration
- 5 year warranty even at high temperatures

LEADING QUALITY

- Made in Finland
- According to EN62776
- Automatic production

COST-EFFICIENCY

- Long lifetime
- Maintenance free
- Significant energy savings



VALTAVALO® HIGH TEMP LED TUBE

TECHNICAL SPECIFICATIONS FOR 5000K & 4000K

| MODEL 5000K | Optics | Length | Power | Weight | Rated luminous flux |
|----------------|----------|--------|-------|--------|---------------------|
| VV22C150HT-850 | Clear | 150 cm | 22 W | 445 g | 4000 lm |
| VV22E150HT-850 | Semiopal | 150 cm | 22 W | 445 g | 3800 lm |
| VV18C120HT-850 | Clear | 120 cm | 18 W | 385 g | 3300 lm |
| VV18E120HT-850 | Semiopal | 120 cm | 18 W | 385 g | 3100 lm |

| MODEL 4000K | Optics | Length | Power | Weight | Rated luminous flux |
|----------------|----------|--------|-------|--------|---------------------|
| VV22C150HT-840 | Clear | 150 cm | 22 W | 445 g | 3900 lm |
| VV22E150HT-840 | Semiopal | 150 cm | 22 W | 445 g | 3700 lm |
| VV18C120HT-840 | Clear | 120 cm | 18 W | 385 g | 3200 lm |
| VV18E120HT-840 | Semiopal | 120 cm | 18 W | 385 g | 3000 lm |

| MODEL 5000K & 4000K | |
|--|--|
| Energy Efficiency Class | A++ |
| Socket Type | T8 / G13 |
| Input Voltage | 230 V AC, 50/60 Hz; 230 V DV (0 Hz) |
| Power Factor | 0.95 |
| THD | <20% |
| Colour Rendering Index (CRI) | Ra > 80 |
| Flickering percentage | 1% |
| Colour Consistency | MacAdam 3 SDCM |
| Beam angle | 120° |
| Average Lifespan L ₇₀ B ₅₀ / T _a 25°C | 125,000 hours |
| Average Lifespan L ₇₀ B ₅₀ / T _a 60°C | 60,000 hours |
| Warranty | 5-year warranty |
| Operating Temperature | -40 °C – +70 °C |
| Operating Humidity | < 95% |
| Protection Class | IP20 |
| Housing Material | Anodised aluminium, PC-plastic (fire resistance class of plastics UL94-V0), free of glue and silicone. |
| Markings | CE |
| Additional info | Available standard colour temperatures of 5000 K and 4000 K. For more information about other colour temperatures please contact Valtavalo or your local distributor. |



Valtavalo Ltd is a Finnish company, specialising in ultra-long lifetime LED-lighting solutions with replaceable light sources. In-house R&D and manufacturing in Finland guarantees the best possible quality of the products. Lifetime value and exceptional quality provide a leading cost of ownership lighting solutions to quality-conscious customers.



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