



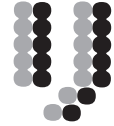
# VALTAVALO® G5 HIGH POWER

INDUSTRY-LEADING PERFORMANCE COMBINED WITH MAXIMUM DURABILITY

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

## G5 High Power - more light with less

With luminous flux of up to 5900 lm Valtavalo® G5 High Power is the best choice for all spaces where there is a requirement for a lot of high quality light. That include, for example, industrial premises with high ceiling height (10-15 m) or when work requires perception of fine details. With one G5 High Power LED tube you can easily replace two fluorescent tubes - more light with less! G5 High Power is delivered with a lifetime expectation of 83,000 hours as well as with a 5-year warranty. Long service life and leading quality ensure significant savings in maintenance costs especially in hard-to-access areas.



valtavalo

### WHY G5 HIGH POWER

#### TOP PERFORMANCE

- Leading performance
- Up to 5900 lm
- 83,000 hr lifetime
- Flicker-free light

#### LEADING QUALITY

- Extreme durability
- Made in Finland
- According to EN62776
- 5-year warranty

#### SUSTAINABILITY

- Replaceable light source
- Environment-friendly
- Recyclable
- Significant energy savings

### INCREASED PRODUCTIVITY AND IMPROVED SAFETY AT WORK WITH SUFFICIENT FLICKER-FREE LIGHTING

Lighting at work is very important to the health and safety of everyone using the workplace. It is crucial that lighting is suitable for the environment and provides sufficient light on the type of work carried out in the workplace. It should not cause glare, reflected glare in polished surfaces, flicker or stroboscopic effects. Flickering of electric lights can lead to a misjudgement of hazardous situations and be dangerous in places where it is important to accurately see moving part of machines. The quicker and easier it is to see a hazard, the more easily it is avoided. Flicker percentage of a typical LED tube is 30%, whereas Valtavalo G5 provides non-flickering, excellent quality light with flicker percentage of less than 1%.



# VALTAVALO® G5 HIGH POWER

## TECHNICAL SPECIFICATIONS FOR 5000K & 4000K

MODEL   5000K	Cover	Length	Power	Weight	Rated luminous flux
VV35C150HP-850	Clear	150 cm	35 W	445 g	5900 lm
VV35E150HP-850	Semiopal	150 cm	35 W	445 g	5700 lm

MODEL   4000K	Cover	Length	Power	Weight	Rated luminous flux
VV35C150HP-840	Clear	150 cm	35 W	445 g	5800 lm
VV35E150HP-840	Semiopal	150 cm	35 W	445 g	5500 lm

MODEL   5000K & 4000K	
Energy Efficiency Class	A++
Socket Type	T8 / G13
Input Voltage	230 V AC, 50/60 Hz; 230 V DC (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°. Rotatable end-caps of the LED tubes help to direct the light 180°, exactly where it is needed.
Average Lifespan $L_{70B_{50}} / T_a 25^\circ\text{C}$	83,000 hours
Warranty	5-year warranty
Operating Temperature	-40°C – +50°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 4000 K and 5000 K. Please contact Valtavalo or your local distributor for other colour temperatures.



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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