



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 a luminous flux of up to 5,600 lm, Valtavalo® G5 High Power is the best choice for all spaces where there is a requirement for a large amount of high-quality light. Example applications include industrial premises with high ceilings or for finely detailed work. With one G5 High Power LED tube you can easily replace two fluorescent tubes - getting more light for less! G5 High Power is delivered with a lifetime expectation of 83,000 hours and comes with a 5-year warranty. The long service life and top quality ensure significant savings in maintenance costs especially in hard-to-access areas.



valtavalo

WHY G5 HIGH POWER

TOP PERFORMANCE

- Top performance
- Up to 5,600 lm
- 83,000 hr lifetime
- Flicker-free light

TOP QUALITY

- Extreme durability
- Made in Finland
- EN62776 compliant
- 5-year warranty

SUSTAINABILITY

- Replaceable light source
- Environmentally-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 the lighting is suitable for the environment and provides sufficient light for the type of work carried out at the workplace. There should not be any glare, reflected glare in polished surfaces, flickering or stroboscopic effects. Flickering electric lights can lead to misjudgments in hazardous situations and be dangerous in places where it is important to accurately see moving machine parts. The quicker and easier it is to see a hazard, the more easily it is avoided. The flicker percentage of a typical LED tube is 30%, whereas Valtavalo G5 provides non-flickering, excellent quality light with a flicker percentage of less than 1%.



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TECHNICAL SPECIFICATIONS FOR 5000K & 4000K

MODEL	Colour temperature	Optics	Length	Power	Weight	Rated luminous flux
VV35E150HP-840	4000 K	Semiopal	150 cm	35 W	445 g	5300 lm
VV35E150HP-850	5000 K	Semiopal	150 cm	35 W	445 g	5400 lm

MODEL 5000K & 4000K	
Energy Efficiency Class (old rating)	D (A++)
Socket Type	T8 / G13
Input Voltage	230 V AC, 50/60 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	< 90 %
Protection Class	IP20
Housing Material	Anodised aluminium, PC-plastic (UL94-V0 fire resistance class of plastics), 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 leading cost of ownership lighting solutions for quality-conscious customers.



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