



VALTAVALO® NARROW BEAM

SOLUTION WITH REPLACEABLE LIGHT SOURCE FOR HIGH AND NARROW SPACES

Manufactured on a fully automated production line in Valtavalo's own factory in Finland.

Efficient lighting for high and narrow spaces

Narrow Beam LED tube with 45° light distribution is designed especially for high spaces (8-13 m), and its narrow light distribution makes it possible to use solutions with replaceable light sources in even higher spaces than before. The higher the space to be illuminated, the narrower the recommended opening angle, as the light is directed as a narrower beam down into the space, thus maximizing the amount of light.

Replaceable light source can be installed directly to most existing T8 fixtures with magnetic ballast. The best result is however achieved if the light source is used together with Teva slim -fixture, that makes it possible to use 2-3 tubes within one fixture, depending on the lighting needs.



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WHY G5 NARROW BEAM?

HIGH QUALITY LIGHTING

- Optimised 45° light distribution
- Specially for high-ceilinged places
- Light can be directed exactly where it is needed
- Flicker-free light

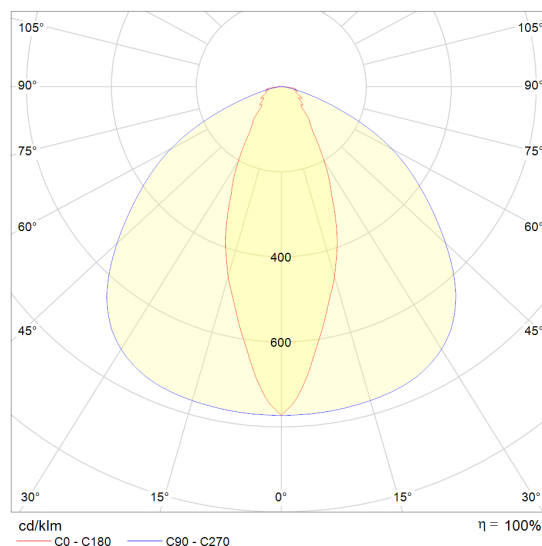
ECOLOGICAL CHOICE

- Significant energy savings
- Long lifetime
- Recyclable
- Made in Finland

OPTIMISED NARROW LIGHT DISTRIBUTION

Narrow Beam LED tubes with 45° light distribution improve floor lighting in high storage spaces, especially in rooms with narrow passages between storage shelves. The narrower light distribution also improves the lighting of narrow and high corridors. In addition, the product can be used together with normal products to improve lighting in peripheral areas and light uniformity in the space. With the help of the adjustable end caps on the tubes, light can be directed exactly where it is needed.

The consistent quality and reliability of the G5 Narrow Beam LED tube is guaranteed by a fully automated production process and individual testing of each tube at the end of the production process.





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TECHNICAL SPECIFICATIONS

Model	VV35NB150G5-840	VV35NB150G5-850
Colour temperature	4000 K	5000 K
Length	150 cm	150 cm
Power	35 W	35 W
Rated luminous flux	5 500 lm	5 600 lm
Weight	445 g	
Energy efficiency class	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	
Flicker	1%	
Colour consistency	MacAdam 3 SDCM	
Beam angle	45°. The rotatable end-caps of the LED tubes help to direct the light exactly where it is needed	
Average lifespan (L _{70B50} / T _a 25 °C)	83 000 hours	
Warranty	5 years	
Operating temperature	-40°C - +50°C	
Operating humidity	< 95%	
Protection class	IP20	
Material	Anodised aluminium, PMMA	
Markings	CE	



Valtavallo 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 guarantee 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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