



VALTAVALO® NARROW BEAM

SOLUTION WITH REPLACEABLE LIGHT SOURCE FOR HIGH AND NARROW SPACES

Manufactured in a fully automated production line in Valtavallo'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 even higher spaces than before. The higher the illuminating state, the narrower opening angle is recommended, because the light is directed as a narrower beam down to the illuminated space and maximizes the amount of light in the space.

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.



valtavallo

WHY USE G5 NARROW BEAM

HIGH QUALITY LIGHTING

- Optimised 45° light distribution
- Especially for high premises
- Light can be directed exactly where it is needed

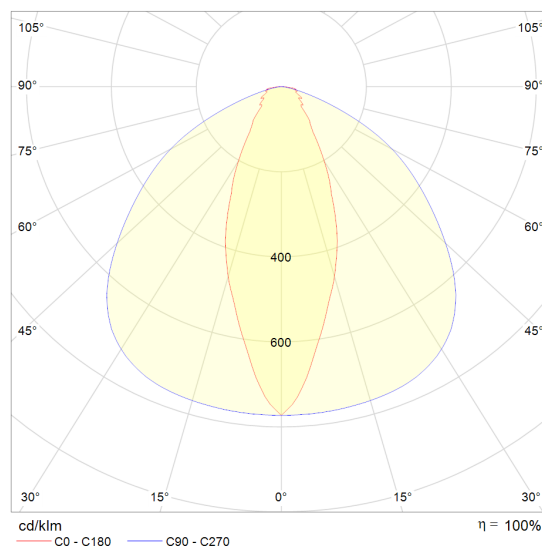
ECOLOGICAL CHOICE

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

OPTIMISED NARROW LIGHT DISTRIBUTION

Narrow Beam LED tube 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 in together with normal products to improve edge lighting and lightness in the room. With the help of adjustable end-caps in tubes, light can be directed exactly where it is needed.

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 | |
| Colour consistency | MacAdam 3 SDCM | |
| Beam angle | 45°. Rotable end-caps of the LED tubes help to direct the light exactly where it is needed | |
| Average lifespan (L ₇₀ B ₅₀ / 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 | |



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 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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