



GreenWarehouse – wireless lighting system, giving you control of energy savings

GentleSpace GreenWarehouse

This dedicated system makes it easy for warehouse developers and facility managers to achieve maximum energy savings. It seamlessly integrates state-of-the-art LED lighting with an easy-to-use and reliable networked control solution. When the situation on the work floor changes, settings such as dimming levels and timing can be changed wirelessly by the end-users themselves. Luminaires can be combined in groups across the layout, and re-zoning them does not require a hardware change, thus minimizing commissioning costs. The system delivers savings over and above the actual efficiency of the LEDs and is future-proof. Easy to understand, easy to design-in, and easy to use, the GreenWarehouse is simplicity itself.

Benefits

- Optimal operating costs for a low investment
- One system; works across other Philips product platforms – GentleSpace gen2, Maxos LED and Pacific LED
- Future-proof system: wireless adjustment of lighting settings and fast re-zoning if use of space changes

Features

- Different lighting levels and timings can be set per sensor, group and network of luminaires
- No compromise on operators' safety, well-being and productivity
- Wireless re-zoning by the end-user
- Advanced sensor technology for effective presence detection, even from a great height
- The system is suitable for both new builds and retrofit installations
- Dedicated warehouse kits; via bundled orders

Application

- Storage
- Distribution centers
- Cross-docking facilities

Specifications

Type	BY470X (13,000 lm version) BY471X (17,000 and 25,000 lm versions)
Light source	Philips Fortimo LED Line 1R
Power	BY470X: 108 W BY471X: 136 and 205 W
Luminous flux	BY470X: 13,000 lm BY471X: 17,000 and 25,000 lm
Correlated Color Temperature	4000 K
Color Rendering Index	> 80
Median useful life	70,000 hours
L70B50	
Median useful life	50,000 hours
L80B50	
Median useful life	25,000 hours
L90B50	
Driver failure rate	0.5% per 5000 hours
Average ambient temperature	+25 °C
Operating temperature range	-20 to +45 °C

Driver	Built-in
Mains voltage	230 or 240 V / 50-60 Hz
Dimming	Dimmable (PSD)
Controls system input	DALI
Material	Housing: die-cast aluminum Optic: PMMA Cover: glass, tempered
Color	Silver grey (SI), white (WH) Other RAL colors available on request
Optic	Narrow beam (NB) Medium beam (MB) Wide beam (WB) High-rack (HRO)
Optical cover	Glass cover (tempered, clear); optional PC or PMMA cover
Installation	Y-gripel Mounting bracket (optional)
Accessories	Mounting brackets (BY470Z, BY471Z)
Remarks	Product can only be ordered as a system

Accessories



Mounting bracket

Ordercode 90047400



Mounting bracket

Ordercode 90048100

Accessories



Mounting bracket
Ordercode 90866100



Mounting bracket
Ordercode 90867800

