# **PHILIPS** Lighting



# GentleSpace GreenWarehouse

# BY470X GRN130S/840 HRO GC ACW WH

GentleSpace GreenWarehouse, LED GreenLine system flux 13000 lm, 840 neutral white, High-rack optic, Clear glass, ActiLume wireless, White

This dedicated system makes it easy for warehouse developers and facility managers to achieve maximum energy savings. It seamlessly integrates state-ofthe-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.

### **Product data**

General Information	
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Lamp family code	GRN130S [LED GreenLine system flux 13000
	lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen

maintenance between B50 and for example
B10. Therefore, the median useful life (B50)
value also represents the B10 value.
BY470X [GentleSpace GreenWarehouse]
LED
Temperature 650 °C, duration 5 s
For mounting on easily flammable surfaces
Yes
ENEC mark
5 years

## GentleSpace GreenWarehouse

EU RoHS compliant	Yes
Embedded control	ActiLume wireless
Light Technical	
Luminous Flux	13,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	148 lm/W
Color rendering index (CRI)	≥80
Number of light sources	8
Beam angle of light source	114 degree(s)
Light source color	840 neutral white
Optic type	High-rack optic
Optical cover type	Clear glass
Luminaire light beam spread	16° x 47°
Unified glare rating CEN	Not applicable

#### Optical cover finish Clear 502 mm Overall length Overall width 350 mm Overall height 211 mm 211 x 350 x 502 mm Dimensions (Height x Width x Depth)

Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful 5 %

Control gear failure rate at median useful 10 %

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	4.8 A
Inrush time	2.3 ms
Power Consumption	88 W
Power Factor (Fraction)	0.9
Connection	External connector
Cable	Cable 0.5 m with cable connector 3-pole
Number of products on MCB of 16 A type	12

-20 to +45 °C

#### Temperature

Ambient temperature range

#### **Controls and Dimming**

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	-
Constant light output	No
Mechanical and Housing	

Housing Material	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Stainless steel
Housing Color	White

#### Lumen maintenance at median useful life\* L85 50000 h Lumen maintenance at median useful life\* L70 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 10% Suitable for random switching Yes

#### **Product Data**

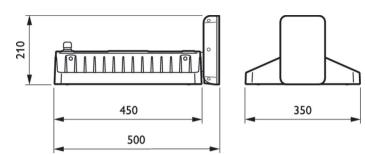
life 50000 h

life 100000 h

1 Todact Bata	
Order product name	BY470X GRN130S/840 HRO GC ACW WH
Full product name	BY470X GRN130S/840 HRO GC ACW WH
Full product code	871869632159100
Order code	910930205918
Material Nr. (12NC)	910930205918
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696321591
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696321591

# GentleSpace GreenWarehouse

#### Dimensional drawing





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