PHILIPS Lighting



GentleSpace GreenWarehouse

BY470X GRN130S/840 WB GC ACW SI

GentleSpace GreenWarehouse, LED GreenLine system flux 13000 lm, 840 neutral white, Wide beam, Clear glass, ActiLume wireless, Silver

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	
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.
Product family code	BY470X [GentleSpace GreenWarehouse]
Lighting Technology	LED
Embedded control	ActiLume wireless
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on easily flammable surfaces
ENEC mark	ENEC mark

GentleSpace GreenWarehouse

Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
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	Wide beam
Optical cover type	Clear glass
Luminaire light beam spread	42° x 44°
Unified glare rating CEN	25

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

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%

Operating and Electrical		Over Time Performance (IEC Compliant)
Input Voltage	220 to 240 V	Control gear failure rate at median useful 5 %
Line Frequency	50 to 60 Hz	life 50000 h
Inrush current	4.8 A	Control gear failure rate at median useful 10 %
Inrush time	2.3 ms	life 100000 h
Power Consumption	88 W	Lumen maintenance at median useful life* L85
Power Factor (Fraction)	0.9	50000 h
Connection	External connector	Lumen maintenance at median useful life* L70
Cable	Cable 0.5 m with cable connector 3-pole	100000 h
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 Silver

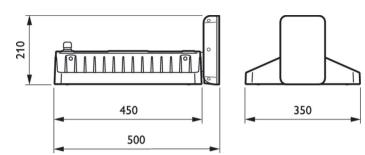
Οh n maintenance at median useful life* L70 00 h **Application Conditions** Performance ambient temperature Tq 25 °C Maximum dim level 10% Suitable for random switching Yes

Product Data

Troduct Bata	
Order product name	BY470X GRN130S/840 WB GC ACW SI
Full product name	BY470X GRN130S/840 WB GC ACW SI
Full product code	871869632134800
Order code	32134800
Material Nr. (12NC)	910930205892
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696321348
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696321348

GentleSpace GreenWarehouse

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 29 - data subject to change