



GentleSpace Green Warehouse system

BY471X GRN250S/840 HRO GC ACW SI

GentleSpace GreenWarehouse, LED GreenLine system flux 25000 lm, 840 neutral white, High-rack optic, 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-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.

Product data

General Information	
Lamp family code	GRN250S [LED GreenLine system flux 25000
	lm]
Light source replaceable	Yes
Number of gear units	2 units
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there
	is no relevant difference in lumen

	maintenance between the B50 and, for example, the B10. Therefore, the median	
	useful life (B50) value also represents the	
	B10 value.	
Product family code	BY471X [GentleSpace GreenWarehouse]	
Lighting Technology	LED	
Embedded control	ActiLume wireless	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	For mounting on easily flammable surfaces	

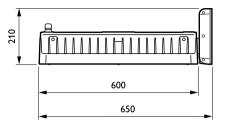
Datasheet, 2023, April 29 data subject to change

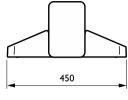
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ENEC mark	Optical cover/lens finish	Clear
Temperature 650 °C, duration 5 s	Overall length	647 mm
Yes	Overall width	450 mm
	Overall height	211 mm
	Dimensions (height x width x depth)	211 x 450 x 647 mm
25,000 lm		
4000 K	Approval and Application	
152 lm/W	Ingress protection code	IP65 [Dust penetration-protected, jet-pro
≥80	Mech. impact protection code	IK07 [2 J reinforced]
114 degree(s)	Protection class IEC	Safety class I
840 neutral white		
High-rack optic	Initial Performance (IEC Compliant)	
Clear glass	Luminous flux tolerance	+/-7%
16° x 47°	Initial chromaticity	(0.38, 0.38) SDCM <3
Not applicable	Power consumption tolerance	+/-11%
	Over Time Performance (IEC Compli	ant)
220 to 240 V	Control gear failure rate at median useful	5 %
50 to 60 Hz	life 50,000 h	
9.6 A	Control gear failure rate at median useful	10 %
2.3 ms	life 100,000 h	
165 W	Lumen maintenance at median useful	L85
0.9	life* 50,000 h	
External connector	Lumen maintenance at median useful	L70
Cable 0.5 m with cable connector 3-pole	life* 100,000 h	
6		
	Application Conditions	
	Performance ambient temperature Tq	25 ℃
	Maximum dim level	10%
-20 to +45 °C	Suitable for random switching	Yes
	Product Data	
Yes	Order product name	BY471X GRN250S/840 HRO GC ACW SI
Power supply unit with DALI interface	Full product name	BY471X GRN250S/840 HRO GC ACW SI
-	Full EOC	871869632143000
No	Order code	32143000
	Material no. (12 NC)	910930205902
	SAP numerator – quantity per pack	1
Aluminium	EAN/UPC — Product/Case	8718696321430
-	Numerator – packs per outer box	1
	EAN/UPC - Case	9719606221420
Acrylate	EAN/OPC - Case	8718696321430
Acrylate Glass	EAN/OPC - Case	6/16090321430
	EANJUPC - Case	0/10090321430
	Temperature 650 °C, duration 5 s Yes 25,000 lm 4000 K 152 lm/W 280 114 degree(s) 840 neutral white High-rack optic Clear glass 16° x 47° Not applicable 220 to 240 V 50 to 60 Hz 9.6 A 2.3 ms 165 W 0.9 External connector Cable 0.5 m with cable connector 3-pole 6 -20 to +45 °C Yes Power supply unit with DALI interface - No Aluminium	Temperature 650 °C, duration 5 s Yes Overall length Overall width Overall height Dimensions (height x width x depth) 25,000 lm 4000 K Approval and Application Ingress protection code Mech. impact protection code Mech. impact protection code Mech. impact protection code Initial Performance (IEC Compliant) Init

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Dimensional drawing







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