PHILIPS Lighting



GentleSpace gen2

BY471P GRN170S/840 PSD WB GC WH

GentleSpace 2, LED GreenLine system flux 17000 lm, 840 neutral white, Power supply unit with DALI interface, Wide beam, Clear glass, White

With the introduction of the GentleSpace LED luminaire in 2011, Philips achieved a breakthrough in high-bay lighting, offering a huge reduction in power consumption, a long service life and an innovative design. Now, with GentleSpace gen2, Philips is setting a new standard in the market, with an improved total cost of ownership, even in extreme conditions. In addition, a high diversity of options are available to ensure an ideal solution for your application like optics, coatings and enabling the use of a central emergency grid (PSED).

Product data

General Information	
Lamp family code	GRN170S [LED GreenLine system flux 17000
	lm]
Cap-Base	- [-]
Light source replaceable	Yes
Number of gear units	1 unit
Gear	EB [Electronic]
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.

Service tag	Yes
Product family code	BY471P [GentleSpace 2]
Lighting Technology	LED
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on easily flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	17,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	155 lm/W

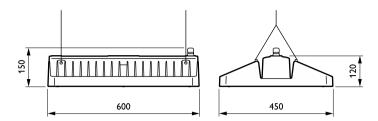
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Numerator - Qua
EAN/UPC - Prod
Numerator - Pac
EAN/UPC - Case

Overall height	150 mm
Dimensions (Height x Width x Depth)	150 x 450 x 600 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%
Over Time Performance (IEC Complia	ant)
Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life*	L85
50000 h	
Lumen maintenance at median useful life* 100000 h	L70
Application Conditions	
Performance ambient temperature Tg	25 ℃
Maximum dim level	10%
Suitable for random switching	No
Product Data	
Order product name	BY471P GRN170S/840 PSD WB GC WH
Full product name	BY471P GRN1705/840 PSD WB GC WH
Full product code	871869632234500
Order code	32234500
Material Nr. (12NC)	910930205993
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696322345
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696322345
EAN/UPC - Case	8718696322345

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Dimensional drawing





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