PHILIPS Lighting



GentleSpace gen2

BY470P GRN130S/840 PSD HRO GC BR SI

GentleSpace 2, LED GreenLine system flux 13000 lm, 840 neutral white, Power supply unit with DALI interface, High-rack optic, Clear glass, Silver

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	GRN130S [LED GreenLine system flux 13000
	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	BY470P [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	13,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	149 lm/W

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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
Operating and Electrical	

220-240 V

50 to 60 Hz

External connector

-30 to +45 °C

Cord with plug Wieland/Adels compatible 5-

4.8 A

2.3 ms 87 W

0.9

pole

130 x 350 x 450 mm
IP65 [Dust penetration-protected, jet-proof]
IK07 [2 J reinforced]
Safety class I
)
+/-7%
(0.38, 0.38) SDCM <3
+/-11%
liant)
ι 5%
l 10 %
L85
L70
25 ℃
10%
No
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8718696322628

130 mm

Overall height

Number of products on MCB of 16 A type 12

в

Input Voltage Line Frequency

Inrush current

Power Consumption Power Factor (Fraction)

Inrush time

Connection

Cable

Temperature

Ambient temperature range

Controls and Dimming		
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit with DALI interface	
Control interface	DALI	
Constant light output	No	

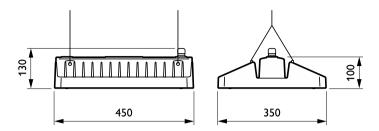
Mechanical and Housing

•	
Housing Material	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Steel
Housing Color	Silver
Optical cover finish	Clear
Overall length	450 mm
Overall width	350 mm

EAN/UPC - Case

GentleSpace gen2

Dimensional drawing





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