



# **GentleSpace gen2**

### BY470P GRN130S/840 PSD MB PC SI

GentleSpace 2, LED GreenLine system flux 13000 lm, 840 neutral white, Power supply unit with DALI interface, Medium beam, Polycarbonate bowl/cover, 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

Datasheet, 2023, April 29 data subject to change

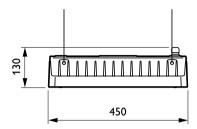
## GentleSpace gen2

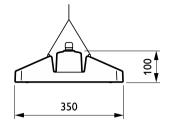
≥80
8
114 degree(s)
840 neutral white
Medium beam
Polycarbonate bowl/cover
40° x 40°
25
220-240 V
50 to 60 Hz
4.8 A
2.3 ms
87 W
0.9
External connector
Cord with plug Wieland/Adels compatible 5
pole
12
-30 to +45 ℃
Ver
Yes
Power supply unit with DALI interface
Power supply unit with DALI interface  DALI
Power supply unit with DALI interface
Power supply unit with DALI interface  DALI
Power supply unit with DALI interface  DALI
Power supply unit with DALI interface DALI No
Power supply unit with DALI interface DALI No
Power supply unit with DALI interface DALI No Aluminum - Acrylate
Power supply unit with DALI interface DALI No Aluminum
Power supply unit with DALI interface DALI No  Aluminum - Acrylate Polymethyl methacrylate Stainless steel
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Dimensions (Height x Width x Depth) 130 x 350 x 450 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 Compliant) Control gear failure rate at median useful life 50000 h Control gear failure rate at median useful life 100000 h 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 No  Product Data Order product name BY470P GRN130S/840 PSD MB PC SI Full product name BY470P GRN130S/840 PSD MB PC SI Full product code 871869632267300 Order code 32267300 Material Nr. (12NC) 910930206027 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696322673 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696322673	Overall height	130 mm
Approval and Application Ingress protection code		
Ingress protection code IP65 [Dust penetration-protected, jet-proof]  Mech. impact protection code IKO7 [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 life 50000 h  Control gear failure rate 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 No  Product Data  Order product name BY470P GRN130S/840 PSD MB PC SI  Full product code 871869632267300  Order code 32267300  Material Nr. (12NC) 910930206027  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696322673  Numerator - Packs per outer box 1		
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Suitable for random switching         No           Product Data		
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<b>EAN/UPC - Case</b> 8718696322673	Numerator - Packs per outer box	1
	EAN/UPC - Case	8718696322673

#### GentleSpace gen2

#### Dimensional drawing







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