# **PHILIPS** Lighting



# **SpeedStar**

# BGP323 GRN185--3S/740 I DW FG AL SI

SpeedStar Large, LED GreenLine 18500 lm, Distribution wide, Flat glass

Municipalities are under pressure to meet energy conservation goals by reducing their energy consumption and carbon footprint while complying with lighting norms and standards. Our SpeedStar LED luminaire addresses these fundamental issues and provides a solution to reduce the impact on our environment. SpeedStar is an energy-efficient luminaire requiring minimal maintenance and incorporating the easy-to-upgrade LEDGINE, which can be connected to lighting regulation systems for further energy savings. This carbon-neutral luminaire is the ideal solution for functional road and street lighting.

#### **Product data**

General Information	
Lamp family code	GRN185 [LED GreenLine 18500 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
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.
Light source engine type	LED
Product family code	BGP323 [SpeedStar Large]
Lighting Technology	LED

Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0.03
Luminous Flux	19,400 lm
Standard tilt angle posttop	5°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	139 lm/W

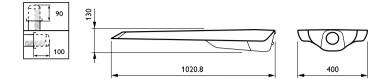
## SpeedStar

70
144
740 neutral white
Flat glass
180°
Distribution wide
220 to 240 V
50 to 60 Hz
53 A
0.3 ms
140 W
0.8
-
-
3
-20 to +35 °C
No
Power supply unit regulating
-
No
Aluminum
-
Polycarbonate
Glass
Aluminum
Silver
Universal for diameter 42 to 76 mm
Convex lens
Clear
1,021 mm
400 mm

Overall height	129 mm
Effective projected area	0.041 m²
Dimensions (Height x Width x Depth)	129 x 400 x 1021 mm
Parts color	All parts colored
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proo
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
	differential mode and 6 kV common mode
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.370) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Product Data	
Order product name	BGP323 GRN1853S/740 I DW FG AL SI
Full product name	BGP323 GRN1853S/740 I DW FG AL SI
Full product code	871829134488900
Order code	910505016354
Material Nr. (12NC)	910505016354
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291344889
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291344889

## SpeedStar

#### 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, September 4 - data subject to change