



SpeedStar

BGP322 ECO71--3S/740 I DM FG AL SI

SpeedStar Medium, LED EconomyLine 7100 lm, Distribution medium, 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

myLine 7100 lm]
myLine 7100 lm]
Lighting Europe guidance
performance of LED based
ry 2018': statistically there
rence in lumen
een the B50 and, for
een the B50 and, for Therefore, the median
· · · · · · · · · · · · · · · · · · ·
Therefore, the median
Therefore, the median

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	
Upwards light output ratio	0.03
Luminous Flux	7,400 lm
Standard tilt angle post-top	5°
Standard tilt angle side entry	O°
Correlated Colour Temperature	4000 K

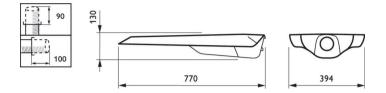
SpeedStar

Luminous efficacy (rated) (nom.)	121 lm/W
Colour rendering index (CRI)	70
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	180°
Optic type outdoor	Distribution medium
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	61 W
Power Factor (Fraction)	0.8
Connection	-
Cable	-
Number of products on MCB of 16 A type	7
В	
Temperature	
Ambient temperature range	-20 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	Silver
Mounting device	Universal for diameter 42 to 76 mm
Optical cover/lens shape	Convex lens
Optical cover/lens finish	Clear
Overall length	768 mm
Overall width	394 mm

Overall height	129 mm
Effective projected area	0.034 m²
Dimensions (height x width x depth)	129 x 394 x 768 mm
Parts colour	All parts coloured
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level up to 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
Over Time Performance (IEC Compli Control gear failure rate at median useful life 50,000 h	
Lumen maintenance at median useful life* 75000 h	L80
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Product Data	
Order product name	BGP322 ECO713S/740 I DM FG AL SI
Full product name	BGP322 ECO713S/740 I DM FG AL SI
Full EOC	871829133594800
Order code	33594800
Material no. (12 NC)	910505016407
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291335948
Numerator – packs per outer box	1
EAN/UPC - Case	8718291335948

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, April 29 - data subject to change