



SpeedStar

BGP322 GRN98--3S/740 I DM FG AL SI P3-70

SpeedStar Medium, LED GreenLine 9800 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

General Information	
Lamp family code	GRN98 [LED GreenLine 9800 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	Minicell (hole 20 mm) preset for 70 lx
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	BGP322 [SpeedStar Medium]
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	10,300 lm
Standard tilt angle posttop	5°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	141 lm/W

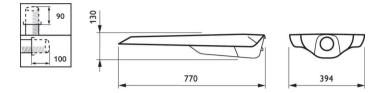
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Color rendering index (CRI)	70	
Number of light sources	80	
Light source color	740 neutral white	
Optical cover type	Flat glass	
Luminaire light beam spread	180°	
Optic type outdoor	Distribution medium	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Inrush current	53 A	
Inrush time	0.3 ms	
Power Consumption	73 W	
Power Factor (Fraction)	0.8	
Connection	-	
Cable	-	
Number of products on MCB of 16 A type	6	
в		
Temperature		
Ambient temperature range	-20 to +35 ℃	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit regulating	
Control interface	-	
Constant light output	No	
Mechanical and Housing		
Housing Material	Aluminum	
Reflector material	-	
Optic material	Polycarbonate	
Optical cover material	Glass	
Fixation material	Aluminum	
Housing Color	Silver	
Mounting device	Universal for diameter 42 to 76 mm	
Optical cover shape	Convex lens	
Optical cover finish	Clear	
Overall length	768 mm	
Overall width	394 mm	
Overall height	144 mm	
overall neight	17711011	

Effective projected area	0.034 m²
Dimensions (Height x Width x Depth)	144 x 394 x 768 mm
Parts color	All parts colored
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 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
Over Time Performance (IEC Compl	iant)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life	* L80
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Product Data	
Order product name	BGP322 GRN983S/740 I DM FG AL SI
	P3-70
Full product name	BGP322 GRN983S/740 I DM FG AL SI
Full product name	P3-70
Full product code	871829134515200
Order code	910505016394
Material Nr. (12NC)	910505016394
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291345152
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291345152
Long of C - Case	0/10201040102

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Dimensional drawing





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