PHILIPS

BN310P G2 LED125/850 PSU MB L12W

919406023261



SlimPerform Batten G2, 70 W, 12500 lm, 5000 K

Lighting plays a different role in every application. Some require latest-generation solutions with high light quality and connectivity; others just simple functionality. But whether for retail or industrial applications, you always need a combination of quality, performance, and flexibility. Get to know SlimPerformance. The Batten LED luminaire where all these benefits come together. Putting the new lighting trend in your company.

Warnings and Safety

- The luminaire must be used within the specifications and instructions described in the manual (installation, ambient temperature, and storage conditions) for the warranty to be valid.
- The luminaires must be installed by a specialized professional in accordance with current electrical installation standards, following the instructions contained in this manual.
- Check that the power supply is disconnected before installing or uninstalling the luminaire.
- Do not use any chemical products to clean the luminaire.
- Disposal: Please observe the legislation in your region regarding the disposal of the product at the end of its life and the disposal of packaging components

General Information

Light source replaceable	Yes
Driver included	Yes

Light Technical

Luminous Flux	12,500 lm
Correlated Color Temperature (Nom)	5000 K

Luminous Efficacy (rated) (Nom)	179 lm/W
Color rendering index (CRI)	>80

Operating and Electrical

Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Inrush current	58 A
Inrush time	0.156 ms
Power Consumption	70 W
Power Factor (Fraction)	0.95
Connection	2 Push-in connector 3-pole
Cable	Cable 0.3 m with connector 3-pole
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Housing Color	White RAL 9003
Overall height	65 mm
Ingress protection code	IP20 [Finger-protected]
Net Weight (Piece)	1.650 kg

Approval and Application

Ambient temperature range	-20 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	100.000 hour(s)

Product Data

Order product name	BN310P G2 LED125/850 PSU MB L12W
Full product name	BN310P G2 LED125/850 PSU MB L12W
Order code	919406023261
Material Nr. (12NC)	919406023261
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	7894400008192
Numerator - Packs per outer box	7
EAN/UPC - Case	17894400008199

Related Documents

Photometry and lighting design	Document Name	Download
IES File	BN310P-G2-LED125-850-PSU-MB-L12W.ies	Download

© 2026 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. 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.