



LuxSpace BBS Compact

BBS491 LLED-3000 PSED-E C WH

BBS491 - LLED Module - Power supply unit with DALI interface external, DC compatible for central emergency lighting

The highly energy-efficient LuxSpace family makes it possible to achieve extremely low power consumption without sacrificing light quality in general lighting applications. This results in significant energy savings compared with traditional CFL solutions. LuxSpace features the latest LED technology and delivers reliable light output, stable colour performance and high colour rendering. Downlight versions are available in three sizes and four outputs – LuxSpace Micro for 125 mm cut-outs, LuxSpace Mini (round and square versions) for 150 mm cut-outs and LuxSpace Compact (round and square versions) and Compact Power for 200 mm cut-outs – covering all downlight applications. Also available for general lighting applications is LuxSpace Surface-mounted. All LuxSpace models offer a compact look and feel, and a perfect fit. They are very easy to install, and their long lifetime means an end to the hassle of relamping. There is also a choice of accessories, ensuring maximum performance in all applications. In addition to LuxSpace for general lighting applications, LuxSpace Accent is also available (in fixed, adjustable and elbow versions) for high-flux accent lighting applications.

Product data

• General information

Product family code	BBS491 [BBS491]
Number of light sources	1 [1 pc]
Lamp family code	LLED [LLED Module]
Lamp colour code	WW [Warm white]
Light source replaceable	No [No]
Driver/power unit/transformer	PSED-E [Power supply unit with DALI interface external, DC compatible for central emergency lighting]
Driver included	Yes [Yes]
Optic type	C [High-gloss mirror]
Emergency lighting	No [-]
Dimmable	Yes [Yes]
Connection	No [-]
Cable	No [-]
Protection class IEC	CLII [Safety class II]
Ingress protection code	IP20 [Finger-protected]
Colour	WH [White]
Protection foil	No [-]
Glow-wire test	850/5 [Temperature 850 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]

Emergency lighting accessories	No [-]
Country version	No [-]
CE mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]
Green Flagship mark	GNFL [Green Flagship]

• Light technical

Optical cover/lens accessories	No [-]
Filters and lenses	No [-]

• Electrical

Input voltage	220-240 V [220 to 240 V]
Input frequency	50-60 Hz [50 to 60 Hz]
Control signal voltage	0-16 V [0-16 V DC DALI]
Electrical accessories	No [-]

• Mechanical

Decorative accessories	No [-]
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• Initial perform. (IEC compliant)

Initial input power	24 W [24 W]
Initial luminous flux	2199 Lm
Initial LED luminaire efficacy	92 Lm/W
Lamp colour temperature	3000 [3000 K]
Colour Rendering Index	80 [80]
Initial chromaticity	(0.39, 0.38) SDCM <5

• Over time perform. (IEC compliant)

Median useful life L90B50	25000 hr
Median useful life L80B50	50000 hr
Median useful life L70B50	70000 hr
Driver failure rate at 5000 h	1 %

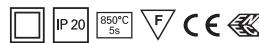
• Application conditions

Average ambient temperature	T25 [+25 °C]
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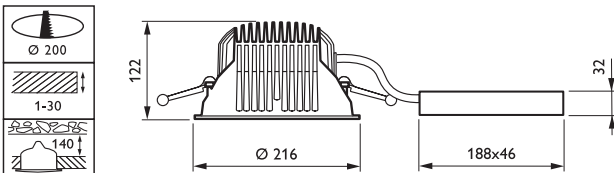
Ambient temperature range	+10 to +40 °C [+10 to +40 °C]
Maximum dim level	1% [1%]
Suitable for random switching	Yes [Yes (relates to presence/movement detection and daylight harvesting)]

• Product Data

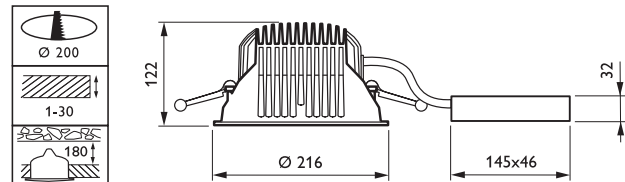
Order code	925231 00
Full product code	871829192523100
Full product name	BBS491 LLED-3000 PSED-E C WH
Order product name	BBS491 LLED-3000 PSED-E C WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8718291925231
Logistic code(s) - 12NC	910503575215
Net weight per piece	1.680 kg



Dimensional drawing



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www.philips.com/lighting

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data subject to change