PHILIPS

SmartBright T5 Batten G2

BN098



BN098 G2 Batten with higher lifetime up to 20000hrs. Good light quality with substantial energy and maintenance savings.

BN098 G2 Batten with solid and slim polycarbonate housing, can applied in the narrow grooves. With 3 CCTs and 4 different sizes and lumen packages for flexible combinations.

Benefits

- Lifetime L70B50 up to 20000hrs
- Uniformity light, higher brightness with lower power consumption
- Stable and reliable lighting quality
- Easy to install and easy to connect without tools

Features

- CRI>80; 100 lm/w, luminous flux up to 1800lm
- Batten connection L1200 up to 8pcs, L900 up to 10pcs, L600/ L300 up to 12pcs
- Opal polycarbonate Housing and optical
- 3 CCTs and 4 different sizes and lumen packages.

Applications

- Residential
- Office
- Hospitality

Versions



BN022 G2 Batten

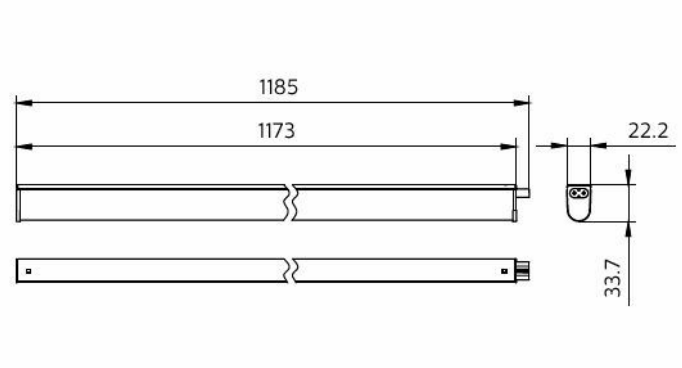


BN022 G2 Batten

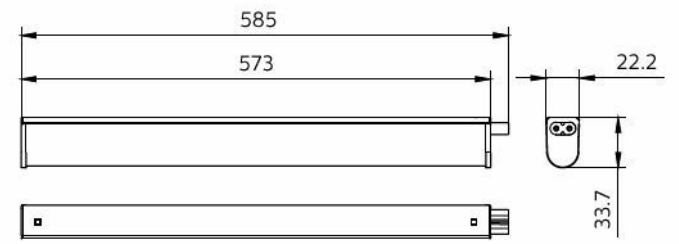
BN022 G2 Batten

BN022 G2 Batten

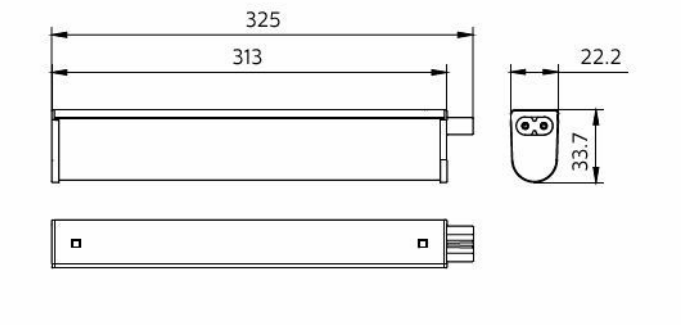
Dimensional drawing



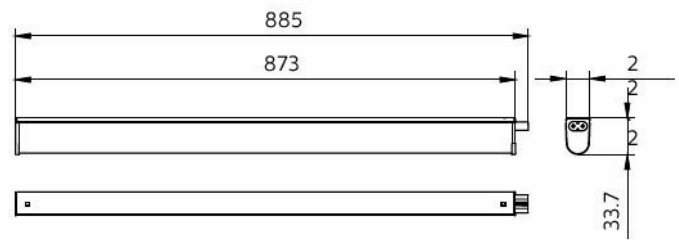
BN098 G2 LED18/CW L1200 100-240V



BN098 G2 LED9/CW L600 100-240V



BN098 G2 LED5/WW L300 100-240V



BN098 G2 LED14/WW L900 100-240V

Light Technical

Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>80

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Color	White
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	-

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
CE mark	No
Ambient temperature range	-10 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)
911401814784	BN098 G2 LED5/WW L300 100-240V	405 lm	3000 K
911401814884	BN098 G2 LED5/NW L300 100-240V	450 lm	4000 K
911401814984	BN098 G2 LED5/CW L300 100-240V	450 lm	6500 K
911401815084	BN098 G2 LED9/WW L600 100-240V	810 lm	3000 K
911401815184	BN098 G2 LED9/NW L600 100-240V	900 lm	4000 K
911401815284	BN098 G2 LED9/CW L600 100-240V	900 lm	6500 K
911401815684	BN098 G2 LED18/WW L1200 100-240V	1,620 lm	3000 K
911401815784	BN098 G2 LED18/NW L1200 100-240V	1,800 lm	4000 K
911401815884	BN098 G2 LED18/CW L1200 100-240V	1,800 lm	6500 K
911401815384	BN098 G2 LED14/WW L900 100-240V	1,215 lm	3000 K
911401815484	BN098 G2 LED14/NW L900 100-240V	1,350 lm	4000 K
911401815584	BN098 G2 LED14/CW L900 100-240V	1,350 lm	6500 K

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401814784	BN098 G2 LED5/WW L300 100-240V	4.5 W
911401814884	BN098 G2 LED5/NW L300 100-240V	4.5 W
911401814984	BN098 G2 LED5/CW L300 100-240V	4.5 W
911401815084	BN098 G2 LED9/WW L600 100-240V	9 W
911401815184	BN098 G2 LED9/NW L600 100-240V	9 W
911401815284	BN098 G2 LED9/CW L600 100-240V	9 W
911401815684	BN098 G2 LED18/WW L1200 100-240V	18 W
911401815784	BN098 G2 LED18/NW L1200 100-240V	18 W
911401815884	BN098 G2 LED18/CW L1200 100-240V	18 W
911401815384	BN098 G2 LED14/WW L900 100-240V	13.5 W
911401815484	BN098 G2 LED14/NW L900 100-240V	13.5 W
911401815584	BN098 G2 LED14/CW L900 100-240V	13.5 W

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401814784	BN098 G2 LED5/WW L300 100-240V	(0.43, 0.40), SDCM≤6
911401814884	BN098 G2 LED5/NW L300 100-240V	(0.38, 0.38), SDCM≤6
911401814984	BN098 G2 LED5/CW L300 100-240V	(0.31, 0.38), SDCM≤6
911401815084	BN098 G2 LED9/WW L600 100-240V	(0.43, 0.40), SDCM≤6
911401815184	BN098 G2 LED9/NW L600 100-240V	(0.38, 0.38), SDCM≤6
911401815284	BN098 G2 LED9/CW L600 100-240V	(0.31, 0.38), SDCM≤6
911401815684	BN098 G2 LED18/WW L1200 100-240V	(0.43, 0.40), SDCM≤6
911401815784	BN098 G2 LED18/NW L1200 100-240V	(0.38, 0.38), SDCM≤6
911401815884	BN098 G2 LED18/CW L1200 100-240V	(0.31, 0.38), SDCM≤6
911401815384	BN098 G2 LED14/WW L900 100-240V	(0.43, 0.40), SDCM≤6
911401815484	BN098 G2 LED14/NW L900 100-240V	(0.38, 0.38), SDCM≤6
911401815584	BN098 G2 LED14/CW L900 100-240V	(0.31, 0.38), SDCM≤6

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