Smartbright T8 Batten

BN012C LED20/NW L1200 G3

Smartbright T8 Batten, 20 W, 2000 lm, 4000 K

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. New T8 LED batten range is perfect replacement for traditional battens with fluorescent lamps. The process of selecting, installing, and maintaining is so easy – it's a simple switch. The range offer customer to choose from various options, standalone batten, Batten with individual switch and connectable Battens in addition to 3 CCTs and 2 Wattages.
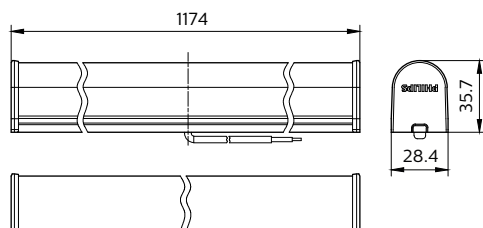
Product data

General Information

Light source engine type	LED

Light Technical

Luminous Flux	2,000 lm
Luminous Efficacy (rated) (Nom)	100 lm/W
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optical cover type	Polycarbonate

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	14.3 A
Power Consumption	20 W
Power Factor (Fraction)	0.9

Number of products on MCB of 16 A type B	10

Temperature

Ambient temperature range	–20 to +40 °C

Controls and Dimming

Dimmable	No
Control interface	–

Mechanical and Housing

Housing Material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White
Optical cover finish	Opal
Overall length	1,174 mm
Overall width	28.4 mm
Overall height	35.7 mm
Effective projected area	0.033 m²

Smartbright T8 Batten

Dimensions (Height x Width x Depth)	36 x 28 x 1174 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	0.3818, 0.3797, SDCM≤6
Power consumption tolerance	+/-10%

Product Data

Order product name	BN012C LED20/NW L1200 G3
Full product name	BN012C LED20/NW L1200 G3
Full product code	871951451779099
Local code description	SB22KLMNW4FTS
Order code	911401807982
Material Nr. (12NC)	911401807982
Local order code	SB22KLMNW4FTS
Numerator – Quantity Per Pack	1
Net Weight (Piece)	0.246 kg
EAN/UPC – Product/Case	8719514517790
Numerator – Packs per outer box	40
EAN/UPC – Case	8719514518001

Dimensional drawing

www.lighting.philips.com

2023, April 15 – data subject to change

Smartbright T8 Batten

BN012C LED20/CW L1200 G3

Smartbright T8 Batten, 20 W, 2000 lm, 6500 K

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. New T8 LED batten range is perfect replacement for traditional battens with fluorescent lamps. The process of selecting, installing, and maintaining is so easy – it's a simple switch. The range offer customer to choose from various options, standalone batten, Batten with individual switch and connectable Battens in addition to 3 CCTs and 2 Wattages.
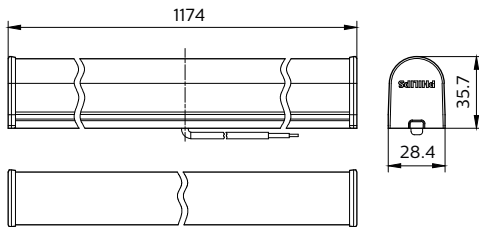
Product data

General Information

Light source engine type	LED

Light Technical

Luminous Flux	2,000 lm
Luminous Efficacy (rated) (Nom)	100 lm/W
Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	>80
Light source color	865 cool daylight
Optical cover type	Polycarbonate

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	14.3 A
Power Consumption	20 W
Power Factor (Fraction)	0.9

Number of products on MCB of 16 A type B	10

Temperature

Ambient temperature range	–20 to +40 °C

Controls and Dimming

Dimmable	No
Control interface	–

Mechanical and Housing

Housing Material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White
Optical cover finish	Opal
Overall length	1,174 mm
Overall width	28.4 mm
Overall height	35.7 mm
Effective projected area	0.033 m²

data subject to change

Smartbright T8 Batten

Dimensions (Height x Width x Depth)	36 x 28 x 1174 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	0.3123, 0.3282, SDCM≤6
Power consumption tolerance	+/-10%

Product Data

Order product name	BN012C LED20/CW L1200 G3
Full product name	BN012C LED20/CW L1200 G3
Full product code	871951451780699
Order code	911401808082
Material Nr. (12NC)	911401808082
Numerator – Quantity Per Pack	1
Net Weight (Piece)	0.246 kg
EAN/UPC – Product/Case	8719514517806
Numerator – Packs per outer box	40
EAN/UPC – Case	8719514518018

Dimensional drawing

1174

35.7

28.4

www.lighting.philips.com

Smartbright T8 Batten

BN012C LED20/CW L1200 G3

Smartbright T8 Batten, 20 W, 2000 lm, 6500 K

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. New T8 LED batten range is perfect replacement for traditional battens with fluorescent lamps. The process of selecting, installing, and maintaining is so easy – it's a simple switch. The range offer customer to choose from various options, standalone batten, Batten with individual switch and connectable Battens in addition to 3 CCTs and 2 Wattages.
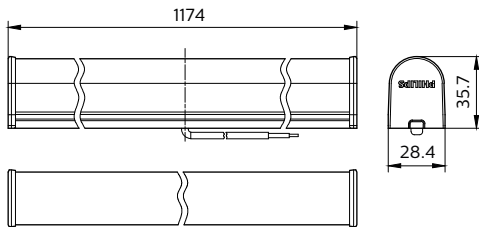
Product data

General Information

Light source engine type	LED

Light Technical

Luminous Flux	2,000 lm
Luminous Efficacy (rated) (Nom)	100 lm/W
Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	>80
Light source color	865 cool daylight
Optical cover type	Polycarbonate

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	14.3 A
Power Consumption	20 W
Power Factor (Fraction)	0.9

Number of products on MCB of 16 A type B	10

Temperature

Ambient temperature range	–20 to +40 ℃

Controls and Dimming

Dimmable	No
Control interface	–

Mechanical and Housing

Housing Material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White
Optical cover finish	Opal
Overall length	1,174 mm
Overall width	28.4 mm
Overall height	35.7 mm
Effective projected area	0.033 m²

Smartbright T8 Batten

Dimensions (Height x Width x Depth)	36 x 28 x 1174 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	0.3123, 0.3282, SDCM≤6
Power consumption tolerance	+/-10%

Product Data

Order product name	BN012C LED20/CW L1200 G3
Full product name	BN012C LED20/CW L1200 G3
Full product code	871951451780699
Local code description	SB22KLMCW4FTS
Order code	911401808082
Material Nr. (12NC)	911401808082
Local order code	SB22KLMCW4FTS
Numerator – Quantity Per Pack	1
Net Weight (Piece)	0.246 kg
EAN/UPC – Product/Case	8719514517806
Numerator – Packs per outer box	40
EAN/UPC – Case	8719514518018

Dimensional drawing

1174

35.7

28.4

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2023, April 15 – data subject to change

Smartbright T8 Batten

BN012C LED10/CW L600 G3

Smartbright T8 Batten, 10 W, 1000 lm, 6500 K

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. New T8 LED batten range is perfect replacement for traditional battens with fluorescent lamps. The process of selecting, installing, and maintaining is so easy – it's a simple switch. The range offer customer to choose from various options, standalone batten, Batten with individual switch and connectable Battens in addition to 3 CCTs and 2 Wattages.

Product data

General Information

Light source engine type	LED

Light Technical

Luminous Flux	1,000 lm
Luminous Efficacy (rated) (Nom)	100 lm/W
Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	>80
Light source color	865 cool daylight
Optical cover type	Polycarbonate

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	9 A
Power Consumption	10 W
Power Factor (Fraction)	0.9

Number of products on MCB of 16 A type B	10

Temperature

Ambient temperature range	–20 to +40 °C

Controls and Dimming

Dimmable	No
Control interface	–

Mechanical and Housing

Housing Material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White
Optical cover finish	Opal
Overall length	574 mm
Overall width	28.4 mm
Overall height	35.7 mm
Effective projected area	0.016 m²

Smartbright T8 Batten

Dimensions (Height x Width x Depth)	36 x 28 x 574 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	0.3123, 0.3282, SDCM≤6
Power consumption tolerance	+/-10%

Product Data

Order product name	BN012C LED10/CW L600 G3
Full product name	BN012C LED10/CW L600 G3
Full product code	871951451783799
Order code	911401808382
Material Nr. (12NC)	911401808382
Numerator – Quantity Per Pack	1
Net Weight (Piece)	0.151 kg
EAN/UPC – Product/Case	8719514517837
Numerator – Packs per outer box	40
EAN/UPC – Case	8719514518049

Dimensional drawing

www.lighting.philips.com

2024, June 14 – data subject to change