



PHILIPS

CoreRange
LED Batten

10W - 54W

The easy-to-install, energy efficient replacement for conventional batten

The Philips CoreRange LED Batten delivers superior performance, output and energy efficiency in an affordable package. The slim form factor with integrated driver and easy access to the terminal makes installation effortless and time-saving. It is an ideal choice for the replacement of conventional batten.

Features and Benefits

- Equivalent to T8 batten, ideal as a replacement option
- Integrated design, lightweight and easy to install
- Multiple output options for various applications
- Ideal for industrial applications and indoor car parks
- Also available in DALI, 1-10V and Actilume Wireless configuration (refer to GreenPerform Batten range)

Product data



Standalone (BN188C)



Trunkable (BN189C)

Family name	CoreRange LED Batten - Standalone (BN188C)					
Model type	BN188C LED10 L600	BN188C LED20 L600	BN188C LED20 L1200	BN188C LED40 L1200	BN188C LED30 L1500	BN188C LED60 L1500
Equivalent of	1x18W	2x18W	1x36W	2x36W	1x58W	2x58W
Dimension (HxW)	573mm x 58mm	573mm x 58mm	1135mm x 58mm	1135mm x 58mm	1416mm x 58mm	1416mm x 58mm
Power	10W	22W	19W	37W	26W	54W
System lumen	1000lm	2100lm	2400lm	4000lm	3300lm	6000lm
Power factor	0.9	0.95	0.95	0.95	0.95	0.95
Beam angle	120°					
CCT	4000K (NW)/ 6500K (CW)					
CRI	>80					
SDCM	≤5					
Operating temperature	Ta:25°C (-20°C < ta < 40°C)					
Lifetime (L70)	50,000 hours					
Type	Fixed Output					
IP rating	IP20					
Electrical class	Class I					
Input voltage	200V-240V, 50/60Hz					
Mounting type	Surface mount (brackets included), Suspended (accessories to be purchased separately)					
Housing colour	White (RAL9010)					
Material	Frosted cover: PMMA Housing: 0.6mm SPCC					
Mounting accessories	Surface mount brackets for asymmetric installation, 2x pcs (BY208Z MB-A) Surface mount brackets for symmetric installation, 2x pcs (BY208Z MB-S) Suspension brackets for asymmetric installation, 2x pcs (BY209Z MB-A) Suspension brackets for symmetric installation, 2x pcs (BY209Z MB-S) Suspension pole 1.5m, 2x pcs (BY208Z SP) - suspension brackets required, please order separately					
Application	Warehouses, back of house areas, indoor car parks, factories					

Mounting accessories



BY208Z MB-S

Surface mount brackets for symmetric installation



BY208Z MB-A

Surface mount brackets for asymmetric installation



BY209Z MB-S

Suspension brackets for symmetric installation



BY209Z MB-A

Suspension brackets for asymmetric installation



BY208Z SP

Suspension pole 1.5m

Trunking accessories



BY208Z TB

Connection block



BY208Z C-2

Power cable 0.2m

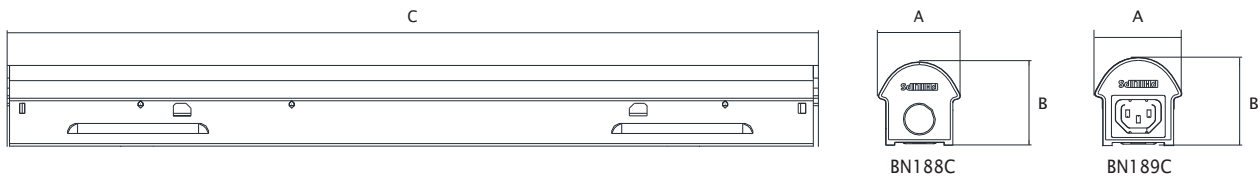


**BY208Z C600-P/
C200-P**

Connecting cable 0.2m/0.6m

Family name	CoreRange LED Batten - Trunkable (BN189C)			
Model type	BN189C LED20 L1200	BN189C LED40 L1200	BN189C LED30 L1500	BN189C LED60 L1500
Equivalent of	1x36W	2x36W	1x58W	2x58W
Dimension (HxW)	1135mm x 58mm	1135mm x 58mm	1416mm x 58mm	1416mm x 58mm
Power	19W	37W	26W	54W
System lumen	2400lm	4000lm	3300lm	6000lm
Power factor	0.95	0.95	0.95	0.95
Beam angle	120°			
CCT	4000K (NW)/ 6500K (CW)			
CRI	>80			
SDCM	≤5			
Operating temperature	Ta:25°C (-20°C < ta < 40°C)			
Lifetime (L70)	50,000 hours			
Type	Fixed Output			
IP rating	IP20			
Electrical class	Class I			
Input voltage	200V-240V, 50/60Hz			
Mounting type	Surface mount (brackets included), Suspended (accessories to be purchased separately)			
Housing colour	White (RAL9010)			
Material	Frosted cover: PMMA Housing: 0.6mmSPCC			
Trunking accessories	Connection block (BY208Z TB) Connecting cable 0.6m (BY208Z C600-P) Connecting cable 0.2m (BY208Z C200-P) Power cable 0.2m (BY208Z C-2)			
Mounting accessories	Surface mount brackets for asymmetric Installation, 2x pcs (BY208Z MB-A) Surface mount brackets for symmetric installation, 2x pcs (BY208Z MB-S) Suspension brackets for asymmetric Installation, 2x pcs (BY209Z MB-A) Suspension brackets for symmetric Installation, 2x pcs (BY209Z MB-S) Suspension pole 1.5m, 2x pcs (BY208Z SP) - suspension brackets required, please order separately			
Application	Warehouses, back of house areas, indoor car parks, factories			

Dimensions and electrical data



Model	Depth/ A (mm)	Height/ B (mm)	Width/ C (mm)	Weight (kg)	Run Current (@220V)	Start (Inrush) Current	Start Current Duration	Earth Leakage Current	MCB (Type B 16A)
BN188CLEDD10L600	57	58	573	0.8	0.05A	14A	250µs	0.3mA	33
BN188C LED20 L600	57	58	573	0.8	0.11A	14A	250µs	0.3mA	33
BN188C LED20 L1200	57	58	1135	1.7	0.11A	14A	250µs	0.3mA	33
BN188C LED40 L1200	57	58	1135	1.7	0.17A	5.3A	70µs	0.7mA	24
BN188C LED30 L1500	57	58	1416	1.9	0.13A	19A	280µs	0.3mA	24
BN188C LED60 L1500	57	58	1416	1.9	0.25A	19A	280µs	0.3mA	24
BN189C LED20 L1200	57	58	1135	1.8	0.11A	14A	250µs	0.3mA	33
BN189C LED40 L1200	57	58	1135	1.8	0.17A	5.3A	70µs	0.7mA	24
BN189C LED30 L1500	57	58	1416	2.0	0.13A	19A	280µs	0.3mA	24
BN189C LED60 L1500	57	58	1416	2.0	0.25A	19A	280µs	0.3mA	24

Order placement information

Commercial code	12NC	Description
Standalone (BN188C)		
BN188C10WCW2F	911401874599	BN188C LED10 CW ACF L600 BR G2 ANZ
BN188C10WNW2F	911401874699	BN188C LED10 NW ACF L600 BR G2 ANZ
BN188C22WCW2F	911401875899	BN188C LED20 CW ACF L600 BR G2 ANZ
BN188C22WNW2F	911401875999	BN188C LED20 NW ACF L600 BR G2 ANZ
BN188C19WCW4F	911401876099	BN188C LED20 CW ACF L1200 BR G2 ANZ
BN188C19WNW4F	911401876199	BN188C LED20 NW ACF L1200 BR G2 ANZ
BN188C37WCW4F	911401874999	BN188C LED40 CW ACF L1200 BR G2 ANZ
BN188C37WNW4F	911401875099	BN188C LED40 NW ACF L1200 BR G2 ANZ
BN188C26WCW5F	911401874799	BN188C LED30 CW ACF L1500 BR G2 ANZ
BN188C26WNW5F	911401874899	BN188C LED30 NW ACF L1500 BR G2 ANZ
BN188C54WCW5F	911401875199	BN188C LED60 CW ACF L1500 BR G2 ANZ
BN188C54WNW5F	911401875299	BN188C LED60 NW ACF L1500 BR G2 ANZ
Trunkable (BN189C)		
BN189C19WCW4F	911401545031	BN189C LED20 CW ACF L1200 BR G2
BN189C19WNW4F	911401545131	BN189C LED20 NW ACF L1200 BR G2
BN189C37WCW4F	911401544931	BN189C LED40 CW ACF L1200 BR G2
BN189C37WNW4F	911401544431	BN189C LED40 NW ACF L1200 BR G2
BN189C26WCW5F	911401544531	BN189C LED30 CW ACF L1500 BR G2
BN189C26WNW5F	911401544631	BN189C LED30 NW ACF L1500 BR G2
BN189C54WCW5F	911401544231	BN189C LED60 CW ACF L1500 BR G2
BN189C54WNW5F	911401544031	BN189C LED60 NW ACF L1500 BR G2
Mounting accessories		
BY208ZMBA	911401567501	BY208Z MB-A (Surface mount brackets for asymmetric Installation, 2x pcs)
BY208ZMBS	911401567601	BY208Z MB-S (Surface mount brackets for symmetric installation, 2x pcs)
BY209ZMBA	911401567701	BY209Z MB-A (Suspension brackets for asymmetric Installation, 2x pcs)
BY209ZMBS	911401567801	BY209Z MB-S (Suspension brackets for symmetric Installation, 2x pcs)
Trunking accessories		
BY208ZSP	911401567901	BY208Z SP (Suspension Pole 1.5m, 2x pcs - suspension brackets required, please order separately)
BY208ZTB	911401568001	BY208Z TB (Connection block)
BY208ZC600P	911401568101	BY208Z C600-P (Connecting cable 0.6m)
BY208ZC2	911401568301	BY208Z C200-P (Connecting cable 0.2m)
BY208ZC200P	911401568201	BY208Z C-2 (Power cable 0.2m)

