



**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)

<b>Family name</b>	CoreRange LED Batten - Standalone (BN188C)					
<b>Model type</b>	BN188C LED10 L600	BN188C LED20 L600	BN188C LED20 L1200	BN188C LED40 L1200	BN188C LED30 L1500	BN188C LED60 L1500
<b>Equivalent of</b>	1x18W	2x18W	1x36W	2x36W	1x58W	2x58W
<b>Dimension (HxW)</b>	573mm x 58mm	573mm x 58mm	1135mm x 58mm	1135mm x 58mm	1416mm x 58mm	1416mm x 58mm
<b>Power</b>	10W	22W	19W	37W	26W	54W
<b>System lumen</b>	1000lm	2100lm	2400lm	4000lm	3300lm	6000lm
<b>Power factor</b>	0.9	0.95	0.95	0.95	0.95	0.95
<b>Beam angle</b>	120°					
<b>CCT</b>	4000K (NW)/ 6500K (CW)					
<b>CRI</b>	>80					
<b>SDCM</b>	≤5					
<b>Operating temperature</b>	Ta:25°C (-20°C < ta < 40°C)					
<b>Lifetime (L70)</b>	50,000 hours					
<b>Type</b>	Fixed Output					
<b>IP rating</b>	IP20					
<b>Electrical class</b>	Class I					
<b>Input voltage</b>	220V-240V, 50/60Hz					
<b>Mounting type</b>	Surface mount (brackets included), Suspended (accessories to be purchased separately)					
<b>Housing colour</b>	White (RAL9010)					
<b>Material</b>	Frosted cover: PMMA Housing: 0.6mm SPCC					
<b>Mounting accessories</b>	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					
<b>Application</b>	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

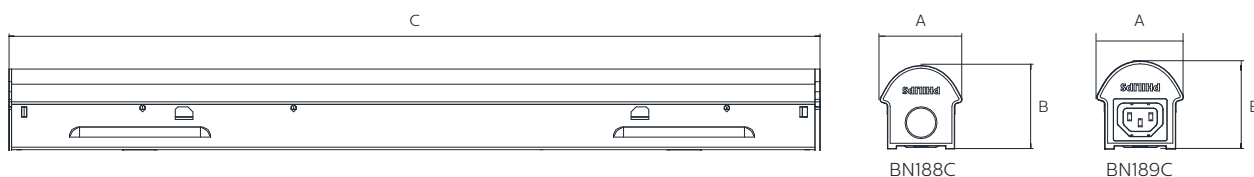


**BY208Z C600-P/  
C200-P**

Connecting cable  
0.2m/ 0.6m

<b>Family name</b>	CoreRange LED Batten - Trunkable (BN189C)			
<b>Model type</b>	BN189C LED20 L1200	BN189C LED40 L1200	BN189C LED30 L1500	BN189C LED60 L1500
<b>Equivalent of</b>	1x36W	2x36W	1x58W	2x58W
<b>Dimension (HxW)</b>	1135mm x 58mm	1135mm x 58mm	1416mm x 58mm	1416mm x 58mm
<b>Power</b>	19W	37W	26W	54W
<b>System lumen</b>	2400lm	4000lm	3300lm	6000lm
<b>Power factor</b>	0.95	0.95	0.95	0.95
<b>Beam angle</b>	120°			
<b>CCT</b>	4000K (NW)/ 6500K (CW)			
<b>CRI</b>	>80			
<b>SDCM</b>	≤5			
<b>Operating temperature</b>	Ta:25°C (-20°C < ta < 40°C)			
<b>Lifetime (L70)</b>	50,000 hours			
<b>Type</b>	Fixed Output			
<b>IP rating</b>	IP20			
<b>Electrical class</b>	Class I			
<b>Input voltage</b>	220V-240V, 50/60Hz			
<b>Mounting type</b>	Surface mount (brackets included), Suspended (accessories to be purchased separately)			
<b>Housing colour</b>	White (RAL9010)			
<b>Material</b>	Frosted cover: PMMA Housing: 0.6mm SPCC			
<b>Trunking accessories</b>	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)			
<b>Mounting accessories</b>	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			
<b>Application</b>	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 (@230V)	Start (Inrush) Current	Start Current Duration	MCB (Type B 16A)	MCB (Type C 16A)
BN188C LED10 L600	57	58	573	0.8	0.05A	14A	250µs	33	56
BN188C LED20 L600	57	58	573	0.8	0.10A	14A	250µs	33	56
BN188C LED20 L1200	57	58	1135	1.7	0.09A	14A	250µs	33	56
BN188C LED40 L1200	57	58	1135	1.7	0.17A	5.3A	70µs	24	40
BN188C LED30 L1500	57	58	1416	1.9	0.12A	19A	280µs	24	40
BN188C LED60 L1500	57	58	1416	1.9	0.25A	19A	280µs	24	40
BN189C LED20 L1200	57	58	1135	1.8	0.09A	14A	250µs	33	56
BN189C LED40 L1200	57	58	1135	1.8	0.17A	5.3A	70µs	24	40
BN189C LED30 L1500	57	58	1416	2.0	0.12A	19A	280µs	24	40
BN189C LED60 L1500	57	58	1416	2.0	0.25A	19A	280µs	24	40

# Order placement information

12NC	Description
911401874599	BN188C LED10 CW ACF L600 BR G2 ANZ
911401874699	BN188C LED10 NW ACF L600 BR G2 ANZ
911401875899	BN188C LED20 CW ACF L600 BR G2 ANZ
911401875999	BN188C LED20 NW ACF L600 BR G2 ANZ
911401876099	BN188C LED20 CW ACF L1200 BR G2 ANZ
911401876199	BN188C LED20 NW ACF L1200 BR G2 ANZ
911401874999	BN188C LED40 CW ACF L1200 BR G2 ANZ
911401875099	BN188C LED40 NW ACF L1200 BR G2 ANZ
911401874799	BN188C LED30 CW ACF L1500 BR G2 ANZ
911401874899	BN188C LED30 NW ACF L1500 BR G2 ANZ
911401875199	BN188C LED60 CW ACF L1500 BR G2 ANZ
911401875299	BN188C LED60 NW ACF L1500 BR G2 ANZ
911401545031	BN189C LED20 CW ACF L1200 BR G2
911401545131	BN189C LED20 NW ACF L1200 BR G2
911401544931	BN189C LED40 CW ACF L1200 BR G2
911401544431	BN189C LED40 NW ACF L1200 BR G2
911401544531	BN189C LED30 CW ACF L1500 BR G2
911401544631	BN189C LED30 NW ACF L1500 BR G2
911401544231	BN189C LED60 CW ACF L1500 BR G2
911401544031	BN189C LED60 NW ACF L1500 BR G2
911401567501	BY208Z MB-A (Surface mount brackets for asymmetric Installation, 2x pcs)
911401567601	BY208Z MB-S (Surface mount brackets for symmetric installation, 2x pcs)
911401567701	BY209Z MB-A (Suspension brackets for asymmetric Installation, 2x pcs)
911401567801	BY209Z MB-S (Suspension brackets for symmetric Installation, 2x pcs)
911401567901	BY208Z SP (Suspension Pole 1.5m, 2x pcs - suspension brackets required, please order separately)
911401568001	BY208Z TB (Connection block )
911401568101	BY208Z C600-P (Connecting cable 0.6m)
911401568301	BY208Z C200-P (Connecting cable 0.2m)
911401568201	BY208Z C-2 (Power cable 0.2m)

