



PHILIPS

GreenPerform
LED Batten

21W – 53W

The versatile, **energy efficient** **LED replacement** for conventional battens

The range of Philips GreenPerform Battens provides a complete retrofit package for industrial applications. Whether you're looking for a 1 to 1 replacement of existing 1-10V systems, an upgrade to a DALI protocol network or a new easy-to-use networkable system, you'll find a GreenPerform LED Batten to suit.

Features and benefits

- Equivalent to T8 battens. Ideal as replacement option
- Integrated design, lightweight and easy to install
- Multiple output options for various applications
- Ideal for industrial application and indoor car parks
- Also available in DALI, 1-10V, Actilume wireless configuration and Bi-Asymmetrical optics

Product data



DALI, 1-10V
(BN208C)



Actilume wireless
(BN208X)

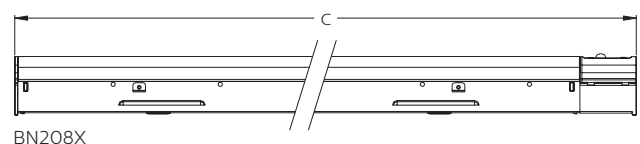
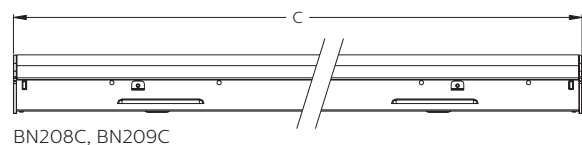
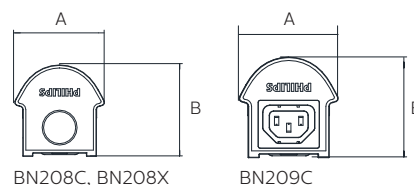


Fixed output
BD/WBD (BN208C/BN209C)

Family name	GreenPerform LED Batten – Standalone (BN208C)/ Trunkable (BN209C)/ Actilume wireless (BN208X)			
Model type	LED20 L1200	LED40 L1200	LED43 L1200	LED60 L1500
Equivalent of	1x36W	2x36W	2x36W	2x58W
Dimension (HxW)	1135mm x 58mm	1135mm x 58mm 1188mm x 58mm (ACW)	1135mm x 58mm	1416mm x 58mm 1469mm x 58mm (ACW)
Power	21W (DALI) 22W (1-10V)	33W (DALI) 34W (1-10V) 32W (ACW)	34W (Fixed output)	53W (DALI, ACW)
System lumen	2400lm	4000lm	4300lm	6900lm
Type	DALI (PSD) 1-10V (PSR)	Actilume wireless (ACW) DALI (PSD), 1-10V (PSR)	Fixed output (PSU)	Actilume wireless (ACW) DALI (PSD) Also available in 1-10V (PSR)
Diffuser	Frosted diffuser	Frosted diffuser	Clear diffuser with lens	Frosted diffuser
Power factor	0.95			
Beam angle	120°			
CCT	4000K (NW)/ 6500K (CW)			
CRI	>80			
SDCM	≤4			
Operating temperature	Ta:25°C (-20°C < ta < 40°C)			
Lifetime (L70)	50,000 hours			
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			
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)			
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)
BN208C LED20 L1200	57	58	1135	1.7
BN208C LED40 L1200	57	58	1135	1.7
BN208C LED60 L1500	57	58	1416	2.0
BN208C LED43 L1200	57	58	1135	1.8
BN209C LED43 L1200	57	58	1135	1.8
BN208X LED40 L1200	57	58	1188	1.8
BN208X LED60 L1500	57	58	1469	2.0



*Dimensions shown above are nominal measurement. Slight variation in dimension may occur in production.

Order placement information

	12NC	Description
DALI variant (BN208C)	911401545231	BN208C LED20/NW L1200 PSD ACF EN
	911401545431	BN208C LED20/CW L1200 PSD ACF EN
	911401830999	BN208C LED40/NW L1200 PSD ACF EN
	911401831099	BN208C LED40/CW L1200 PSD ACF EN
	911401831399	BN208C LED60/NW L1500 PSD ACF EN
	911401831499	BN208C LED60/CW L1500 PSD ACF EN
1-10V variant (BN208C)	911401545331	BN208C LED20/NW L1200 PSR ACF EN
	911401545531	BN208C LED20/CW L1200 PSR ACF EN
	911401545631	BN208C LED40/NW L1200 PSR ACF EN
	911401545831	BN208C LED40/CW L1200 PSR ACF EN
Actilume wireless sensor with integrated ZigBee controller variant (BN208X)	911401831599	BN208X LED40/NW L1200 ACW2 OS ACF EN
	911401831699	BN208X LED40/CW L1200 ACW2 OS ACF EN
	911401831999	BN208X LED60/NW L1500 ACW2 OS ACF EN
	911401832099	BN208X LED60/CW L1500 ACW2 OS ACF EN
Fixed output - BD/WBD variant (BN208C/ BN209C)	911401546031	BN208C LED43/NW BD L1200 ACC EN
	911401546231	BN208C LED43/CW BD L1200 ACC EN
	911401546131	BN208C LED43/NW WBD L1200 ACC EN
	911401545931	BN208C LED43/CW WBD L1200 ACC EN
	911401545731	BN209C LED43/NW BD L1200 ACC EN
	911401542231	BN209C LED43/CW BD L1200 ACC EN
	911401542331	BN209C LED43/NW WBD L1200 ACC EN
	911401542131	BN209C LED43/CW WBD L1200 ACC EN
Mounting accessories	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)
Trunking accessories	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)

Mounting and trunking 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



BY208Z TB

Connection block



BY208Z C-2

Power cable 0.2m



BY208Z C600-P/ C200-P

Connecting cable 0.2m/0.6m



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