



GreenPerform Batten – BN208/209



GreenPerform LED Batten is a high quality LED batten and a high system efficacy that delivers significant energy savings of up to 50% as compared to conventional T8 battens. With a reliable and robust housing structure, this maximizes the endurance and contributes to its long lifetime.

With its flexible optics and mounting accessories, it is suitable for Symmetrical, Asymmetrical, Bi-Asymmetrical, Wide Bi-Asymmetrical, direct and indirect lighting applications. It can be used in a wide variety of applications.

Benefits

- high system efficacy
- easy to install for various applications
- quality lighting with good color uniformity
- high vertical illuminance
- reliable and sustainable lifetime

Features

- more than 100lm/w
- symmetrical and asymmetrical mounting brackets
- color rendering index of 80
- bi-Asymmetrical, wide bi-Asymmetrical distribution
- 50,000 hrs life with 70% lumen maintained

Applications

- supermarket and hypermarket isles
- industry- Automotive assembly line
- industry – workshop and general areas
- storage areas



PHILIPS

GreenPerform LED Batten

1200mm	2000lm	2100lm	4000lm	4200lm	4400lm	5900lm	6200lm	6400lm
System Power	20W	20W	40W	40W	40W	55W	55W	55W
System efficacy (lm/w)	100	105	100	105	110	108	112	116
Lens	N/A	N/A	N/A	N/A	BD/WBD	N/A	BD/WBD	N/A
Optical cover	Frosted	Clear	Frosted	Clear	Clear	Frosted	Clear	Clear
CCT	CW (6500K) NW (4000K)		CW (6500K) NW (4000K) WW (3000K)		CW (6500K) NW (4000K)			
Assembly	Standalone/Trunkable							
CRI	>85							
SDCM	<3.5SDCM							
IP rating	IP20							
Classification	Class I							
Input voltage	Fixed output; 200-240V, 50/60 Hz							
Power Factor	> 0.9							
Lifetime (hrs)	50,000 @L70B50				40,000 @L70B50			
Material	Housing: 0.5mm SPCC / Cover: PMMA							
Mounting	Surfaced (Bracket)							

600mm	1000lm	1100lm	1900lm	2000lm	2200lm	3000lm	3200lm	3300lm
System Power	10W	10W	20W	20W	21W	30W	30W	30W
System efficacy (lm/w)	100	110	95	100	105	100	106	110
Lens	N/A	N/A	N/A	N/A	BD/WBD	N/A	BD/WBD	N/A
Optical cover	Frosted	Clear	Frosted	Clear	Clear	Frosted	Clear	Clear
CCT	CW (6500K) NW (4000K)		CW (6500K) NW (4000K) WW (3000K)		CW (6500K) NW (4000K)			
Assembly	Standalone							
CRI	>85							
SDCM	<3.5SDCM							
IP rating	IP20							
Classification	Class I							
Input voltage	Fixed output; 200-240V, 50/60 Hz							
Power Factor	> 0.9							
Lifetime (hrs)	50,000 @L70B50				40,000 @L70B50			
Material	Housing: 0.5mm SPCC / Cover: PMMA							
Mounting	Surfaced (Bracket)							

PHILIPS

Ordering information - Standalone

12NC	Description	Lumen	CCT	length	power	control
911401565301*	BN208C LED40/WW L1200 S	4200lm	3000K	1200mm	40W	PSU
911401565201*	BN208C LED40/NW L1200 S	4200lm	4000K	1200mm	40W	PSU
911401585501*	BN208C LED40/CW L1200 S	4200lm	6500K	1200mm	40W	PSU
911401565401*	BN208C LED40/WW L1200 FR	4000lm	3000K	1200mm	40W	PSU
911401568401*	BN208C LED40/NW L1200 FR	4000lm	4000K	1200mm	40W	PSU
911401585601*	BN208C LED40/CW L1200 FR	4000lm	6500K	1200mm	40W	PSU
911401565501*	BN208C LED20/NW L1200 S	2100lm	4000K	1200mm	20W	PSU
911401565601*	BN208C LED20/CW L1200 S	2100lm	6500K	1200mm	20W	PSU
911401565801*	BN208C LED20/NW L1200 FR	2000lm	4000K	1200mm	20W	PSU
911401565701*	BN208C LED20/CW L1200 FR	2000lm	6500K	1200mm	20W	PSU
911401805699	BN208C LED43/NW BD L1200 S	4400lm	4000K	1200mm	40W	PSU
911401805799	BN208C LED43/WW BD L1200 S	4400lm	3000K	1200mm	40W	PSU
911401805899	BN208C LED43/CW BD L1200 S	4400lm	6500K	1200mm	40W	PSU
911401805999	BN208C LED43/NW WBD L1200 S	4400lm	4000K	1200mm	40W	PSU
911401806099	BN208C LED43/WW WBD L1200 S	4400lm	3000K	1200mm	40W	PSU
911401806199	BN208C LED43/CW WBD L1200 S	4400lm	6500K	1200mm	40W	PSU
911401806299	BN208C LED65/NW BD L1200 S	6200lm	4000K	1200mm	55W	PSU
911401806399	BN208C LED65/WW BD L1200 S	6200lm	3000K	1200mm	55W	PSU
911401806499	BN208C LED65/CW BD L1200 S	6200lm	6500K	1200mm	55W	PSU
911401806599	BN208C LED65/NW WBD L1200 S	6200lm	4000K	1200mm	55W	PSU
911401806699	BN208C LED65/WW WBD L1200 S	6200lm	3000K	1200mm	55W	PSU
911401806799	BN208C LED65/CW WBD L1200 S	6200lm	6500K	1200mm	55W	PSU
911401806899	BN208C LED65/NW L1200 S	6400lm	4000K	1200mm	55W	PSU
911401806999	BN208C LED60/NW L1200 FR	5900lm	4000K	1200mm	55W	PSU
911401807099	BN208C LED65/WW L1200 S	6400lm	3000K	1200mm	55W	PSU
911401807199	BN208C LED60/WW L1200 FR	5900lm	3000K	1200mm	55W	PSU
911401807299	BN208C LED65/CW L1200 S	6400lm	6500K	1200mm	55W	PSU
911401807399	BN208C LED60/CW L1200 FR	5900lm	6500K	1200mm	55W	PSU
911401566001*	BN208C LED20/WW L600 S	2000lm	3000K	600mm	20W	PSU
911401565901*	BN208C LED20/NW L600 S	2000lm	4000K	600mm	20W	PSU
911401585701*	BN208C LED20/CW L600 S	2000lm	6500K	600mm	20W	PSU
911401566101*	BN208C LED20/NW L600 FR	1900lm	4000K	600mm	20W	PSU
911401566201*	BN208C LED20/WW L600 FR	1900lm	3000K	600mm	20W	PSU
911401585801*	BN208C LED20/CW L600 FR	1900lm	6500K	600mm	20W	PSU
911401566401*	BN208C LED10/NW L600 S	1100lm	4000K	600mm	10W	PSU
911401566301*	BN208C LED10/CW L600 S	1100lm	6500K	600mm	10W	PSU
911401566601*	BN208C LED10/NW L600 FR	1000lm	4000K	600mm	10W	PSU
911401566501*	BN208C LED10/CW L600 FR	1000lm	6500K	600mm	10W	PSU

12ncs with *: Mounting bracket is not in the packaging box, need to be ordered separately

PHILIPS

Jan 2015
Data subject to change

Ordering information - Standalone

12NC	Description	Lumen	CCT	length	power	control
911401803899	BN208C LED20/NW BD L600 S	2200lm	4000K	600mm	20W	PSU
911401803999	BN208C LED20/WW BD L600 S	2200lm	3000K	600mm	20W	PSU
911401804099	BN208C LED20/CW BD L600 S	2200lm	6500K	600mm	20W	PSU
911401804199	BN208C LED20/NW WBD L600 S	2200lm	4000K	600mm	20W	PSU
911401804299	BN208C LED20/WW WBD L600 S	2200lm	3000K	600mm	20W	PSU
911401804399	BN208C LED20/CW WBD L600 S	2200lm	6500K	600mm	20W	PSU
911401804499	BN208C LED34/NW BD L600 S	3200lm	4000K	600mm	30W	PSU
911401804599	BN208C LED34/WW BD L600 S	3200lm	3000K	600mm	30W	PSU
911401804699	BN208C LED34/CW BD L600 S	3200lm	6500K	600mm	30W	PSU
911401804799	BN208C LED34/NW WBD L600 S	3200lm	4000K	600mm	30W	PSU
911401804899	BN208C LED34/WW WBD L600 S	3200lm	3000K	600mm	30W	PSU
911401804999	BN208C LED34/CW WBD L600 S	3200lm	6500K	600mm	30W	PSU
911401805099	BN208C LED34/NW L600 S	3300lm	4000K	600mm	30W	PSU
911401805199	BN208C LED30/NW L600 FR	3000lm	4000K	600mm	30W	PSU
911401805299	BN208C LED34/WW L600 S	3300lm	3000K	600mm	30W	PSU
911401805399	BN208C LED30/WW L600 FR	3000lm	3000K	600mm	30W	PSU
911401805499	BN208C LED34/CW L600 S	3300lm	6500K	600mm	30W	PSU
911401805599	BN208C LED30/CW L600 FR	3000lm	6500K	600mm	30W	PSU

Ordering information - Trunkable

12NC	Description	Lumen	CCT	length	power	control
911401566801*	BN209C LED40/WW L1200 S	4200lm	3000K	1200mm	40W	PSU
911401566701*	BN209C LED40/NW L1200 S	4200lm	4000K	1200mm	40W	PSU
911401585901*	BN209C LED40/CW L1200 S	4200lm	6500K	1200mm	40W	PSU
911401567001*	BN209C LED40/WW L1200 FR	4000lm	3000K	1200mm	40W	PSU
911401566901*	BN209C LED40/NW L1200 FR	4000lm	4000K	1200mm	40W	PSU
911401586001*	BN209C LED40/CW L1200 FR	4000lm	6500K	1200mm	40W	PSU
911401567201*	BN209C LED20/NW L1200 S	2100lm	4000K	1200mm	20W	PSU
911401567101*	BN209C LED20/CW L1200 S	2100lm	6500K	1200mm	20W	PSU
911401567401*	BN209C LED20/NW L1200 FR	2000lm	4000K	1200mm	20W	PSU
911401567301*	BN209C LED20/CW L1200 FR	2000lm	6500K	1200mm	20W	PSU
911401807499	BN209C LED43/NW BD L1200 S	4400lm	4000K	1200mm	40W	PSU
911401807599	BN209C LED43/WW BD L1200 S	4400lm	3000K	1200mm	40W	PSU
911401807699	BN209C LED43/CW BD L1200 S	4400lm	6500K	1200mm	40W	PSU
911401807799	BN209C LED43/NW WBD L1200 S	4400lm	4000K	1200mm	40W	PSU
911401807899	BN209C LED43/WW WBD L1200 S	4400lm	3000K	1200mm	40W	PSU
911401807999	BN209C LED43/CW WBD L1200 S	4400lm	6500K	1200mm	40W	PSU

12ncs with *: Mounting bracket is not in the packaging box, need to be ordered separately

PHILIPS

Jan 2015
Data subject to change

Ordering information - Trunkable

12NC	Description	Lumen	CCT	length	power	control
911401808099	BN209C LED65/NW BD L1200 S	6200lm	4000K	1200mm	55W	PSU
911401808199	BN209C LED65/WW BD L1200 S	6200lm	3000K	1200mm	55W	PSU
911401808299	BN209C LED65/CW BD L1200 S	6200lm	6500K	1200mm	55W	PSU
911401808399	BN209C LED65/NW WBD L1200 S	6200lm	4000K	1200mm	55W	PSU
911401808499	BN209C LED65/WW WBD L1200 S	6200lm	3000K	1200mm	55W	PSU
911401808599	BN209C LED65/CW WBD L1200 S	6200lm	6500K	1200mm	55W	PSU
911401808699	BN209C LED65/NW L1200 S	6400lm	4000K	1200mm	55W	PSU
911401808799	BN209C LED60/NW L1200 FR	5900lm	4000K	1200mm	55W	PSU
911401808899	BN209C LED65/WW L1200 S	6400lm	3000K	1200mm	55W	PSU
911401808999	BN209C LED60/WW L1200 FR	5900lm	3000K	1200mm	55W	PSU
911401809099	BN209C LED65/CW L1200 S	6400lm	6500K	1200mm	55W	PSU
911401809199	BN209C LED60/CW L1200 FR	5900lm	6500K	1200mm	55W	PSU

Ordering information - Accessory

12NC	Description	12NC	Description
911401567501	BY208Z MB-A	911401567701	BY209Z MB-A
911401567601	BY208Z MB-S	911401567801	BY209Z MB-S
911401567901	BY208Z SP	911401568101	BY208Z C600-P
911401568001	BY208Z TB	911401568201	BY208Z C-2
911401568301	BY208Z C200-P		

For symmetric installation



BY208Z MB-S

BY209Z MB-S

For asymmetric installation



BY208Z MB-A

BY209Z MB-A



BY208Z TB
Connecting block



BY208Z C-2
Power cable 0.2m



BY208Z C600-P/ C200-P
Connecting cable 0.2m/ 0.6m



BY208Z SP
Suspension pole



© 2012 Koninklijke Philips Electronics N.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com/lighting

Jan 2015
Data subject to change