



# Smartbright BN100 Batten

## BN100C LED40S-4000 PSU L120 GR

High performance LED batten, can replace 2x40W conventional batten suitable for Classroom, hostel room, corridor, small shops, community center, club, small warehouse lighting applications.

### Warnings and Safety

- Meant for use in Indoor environment only

### Product data

General Information		Power Factor (Min)	
Beam angle of light source	120°		1.9
Light source color	840 neutral white	Controls and Dimming	
Driver included	Yes	Dimmable	No
Optic type	No [ - ]	Mechanical and Housing	
Optical cover/lens type	Polycarbonate	Housing Material	Aluminum Alloy
Luminaire light beam spread	120°	Optic material	Polycarbonate
Control interface	-	Optical cover/lens material	Polycarbonate
Protection class IEC	Safety class II (II)	Mounting device	Click Fix Mounting bracket (Surface & Suspended)
Flammability mark	F [ For mounting on normally flammable surfaces]	Overall length	1127 mm
Warranty period	3 years	Overall width	40 mm
Material	Aluminum	Overall height	46 mm
Light source engine type	LED	Color	Aluminum and gray
Operating and Electrical		Approval and Application	
Input Voltage	220-240 V	Ingress protection code	IP20 [ Finger-protected]
Input Frequency	50 Hz	Mech. impact protection code	IK02 [ 0.2 J standard]

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Surge Protection (Common/Differential) 2.5 kV

## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	4000 lm
Initial LED luminaire efficacy	105 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial input power	41 W
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

Median useful life L70B50	30000 h
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## Application Conditions

Ambient temperature range	0 to +45 °C
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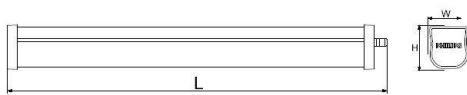
## Product Data

Order product name	BN100C LED40S-4000 PSU L120 GR
Order code	919515811981
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	919515811981
Net Weight (Piece)	0.700 kg



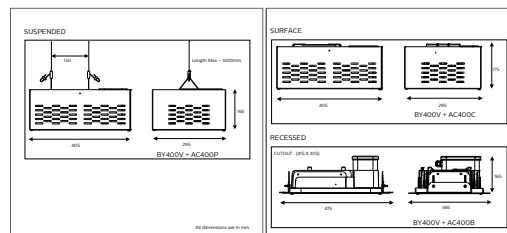
## Dimensional drawing

### Dimensions



Type	Dimensions (mm)		
	L	W	H
-4ft	1127	40	46

Product: GreenBay  
Type: BY400V  
Application: Indoor



IN9002BAT - Battens

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