

SmartBrite BN 100C 4000 Lumen Batten

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Introducing Smart Brite in Higher Lumen

LESS IS MORE



Compact in Size MORE light output.....

Smart Bright Batten – BN 100C



Product Highlights

- Best Energy Efficiency : High performance LED batten equivalent to conventional T8/36W or T5/28W fluorescent batten.
- System efficacy >100 lm/W, up to 45% energy saving with same lighting level.
- Integrated design, easy to install & slim. High Performance in compact size , 4000 Lumen .
- Comfortable Light : Good color uniformity and color rendering (CRI>80).
- Reliable and robust : Extruded Aluminum Housing , maximize the endurance over the life time.
- Versatile : Suitable for both wall and suspended mounting with relevant mounting accessories.

Features and Benefits

Reliable Savings, lasting brightness
High performance in a robust and compact design



Use with peace of mind

- Suitable for Surface mounted / Suspension
- 4000 Lumen @ 40 W
- Efficacy : 100 Lm/W
- CRI <80
- Point to point replacement for 2x28W TL5, 2x36W T8 Lamp & 2x40W T12 Lamp
- PF < >.9

Wide selection

- Choice of color temperature – Cool white (6500K), Neutral (4000K)
- Available in 4000 Lumen

Long-lasting performance

- Designed for energy savings of up to 55% compared with conventional lighting
- L70B50 25k hours*
- **Designed to sustain 70% of initial lumen output (L70) at 25,000 hours of lifetime*

High-quality materials and design

- Extruded aluminum housing enhances safety
- High quality PMMA Diffuser

Applications

1. Retail Outlets
2. Classrooms
3. In shop lighting
4. Staircases
5. Schools & Colleges
6. Back office areas
7. Community centers/ Clubs
8. SPA Saloons



Parameter	BN 100C -4000 Lumen
Lumen output	4000 Lm
System wattage	40 W
Efficacy	100
CCT	4000K / 6500K
CRI	>80
Mounting	Wall/Surface/Suspension
Housing	Aluminum Extrusion
IP	IP 20
Control	Not Applicable
Luminaire compliance	Relevant LED IS standards
Life	L70B50 25k
Operating temperature	Upto 45 deg C
T ambient (Max)	45 deg C
PF	> 0.9
THD	< 20 %
Input voltage range	140V - 270V AC
SDCM	< 5
Diffuser	PC
Dimensions	1127x40x46 mm
Serviceability	Class C – Non Replaceable Driver



Conventional Comparison

T5 batten vs BN 100

Parameter	2 x 28W Batten	BN 100
Lamp	TL5 28W 850	LED 6500K
Lamp Lumen	5600	
Downward LOR (DLOR)	75%	100%
Effective Lumens	4200	4000
System Wattage	61	40
Savings		33%

T8 batten vs BN 100

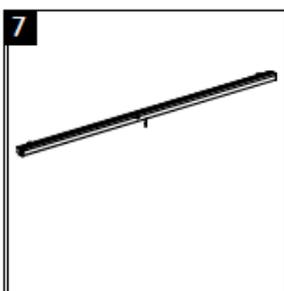
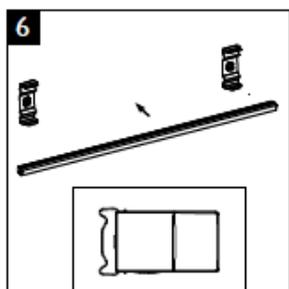
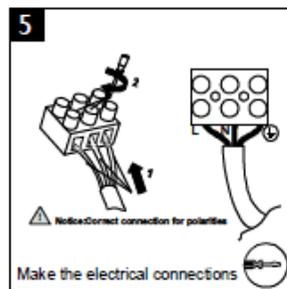
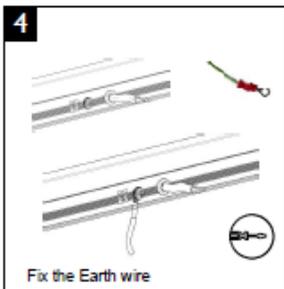
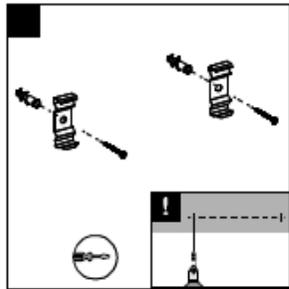
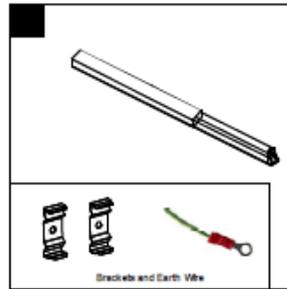
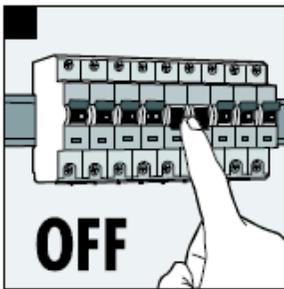
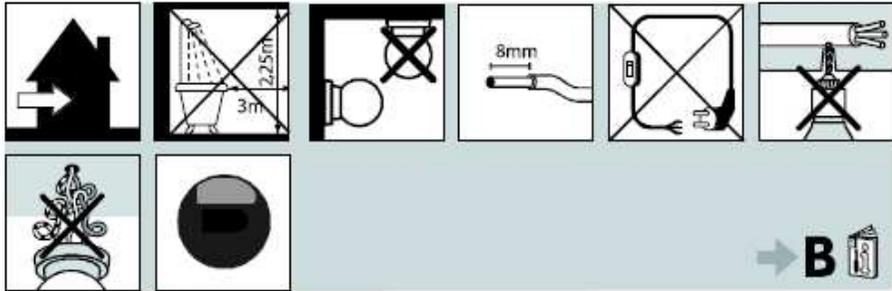
Parameter	2 x 36W Batten	BN 100
Lamp	TLD 36W 850	LED 65000
Lamp Lumen	5200	
Downward LOR (DLOR)	75%	100%
Effective Lumens	3900	4000
System Wattage	78	40
Savings		45%



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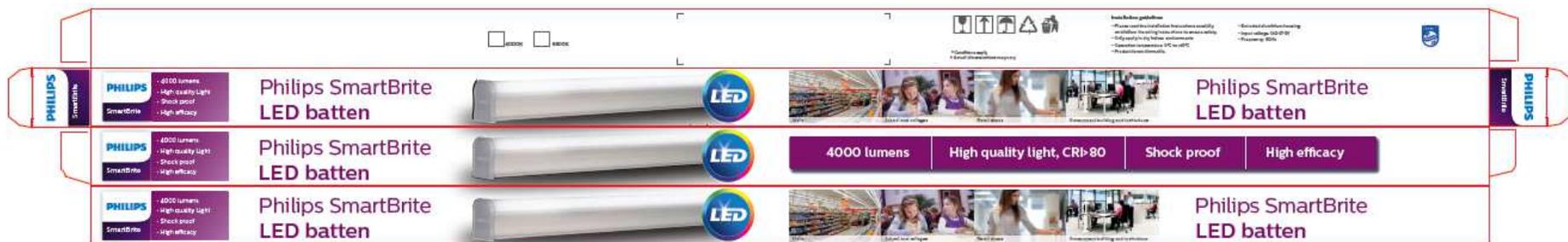
Mounting Instruction



Ordering Data

12 NC	Product Description	Qty. per Box
919515811980	BN100C LED40S 6500 PSU L120 GR	6 Nos.
919515811981	BN100C LED40S 4000 PSU L120 GR	6 Nos.

Packaging



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