

Smart Brite Batten

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> 40%
energy
saving



Product Highlights

- High performance extruded Aluminium housing LED batten equivalent to a T8/36W or T5/28W fluorescent batten.
- System efficacy >90 lm/W, up to 40% energy saving with same lighting level.
- Slim Integrated design, easy to install.
- Good color uniformity and color rendering (CRI>80).
- Reliable and robust housing structure, maximize the endurance over the life time.



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

Features and Benefits

Use with peace of mind

- Suitable for Surface mounted / Suspension
- 2000 Lumen @ 22 W
- Efficacy : >90 Lm/W
- CRI > 80
- Point to point replacement for 1x28W TL5, 1x36W T8 & 1x40W T12 Lamp
- PF : > 0.9
- THD : <20 %



Long-lasting performance

- Designed for energy savings of up to 45% 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 PC Diffuser

Wide selection

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

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Applications

1. Small Retail Outlets
2. Institutions & Classrooms
3. In shop lighting
4. Staircase
5. Hostels , Schools & Colleges
6. Small offices
7. Community centers/
Clubs
8. Small Warehouses



Conventional Comparison



T5 batten vs BN 021

Parameter	1 x 28W Batten	BN 021
Lamp	TL5 28W 850	LED 6500K
Lamp Lumen	2800	
Downward LOR (DLOR)	61%	100%
Effective Lumens	1700	2000
System Wattage	30	22
Savings		> 27%

T8 batten vs 021

Parameter	1 x 36W Batten	BN 021
Lamp	TLD 36W 850	LED 65000
Lamp Lumen	3250	
Downward LOR (DLOR)	61%	100%
Effective Lumens	1980	2000
System Wattage	38	22
Savings		> 40%

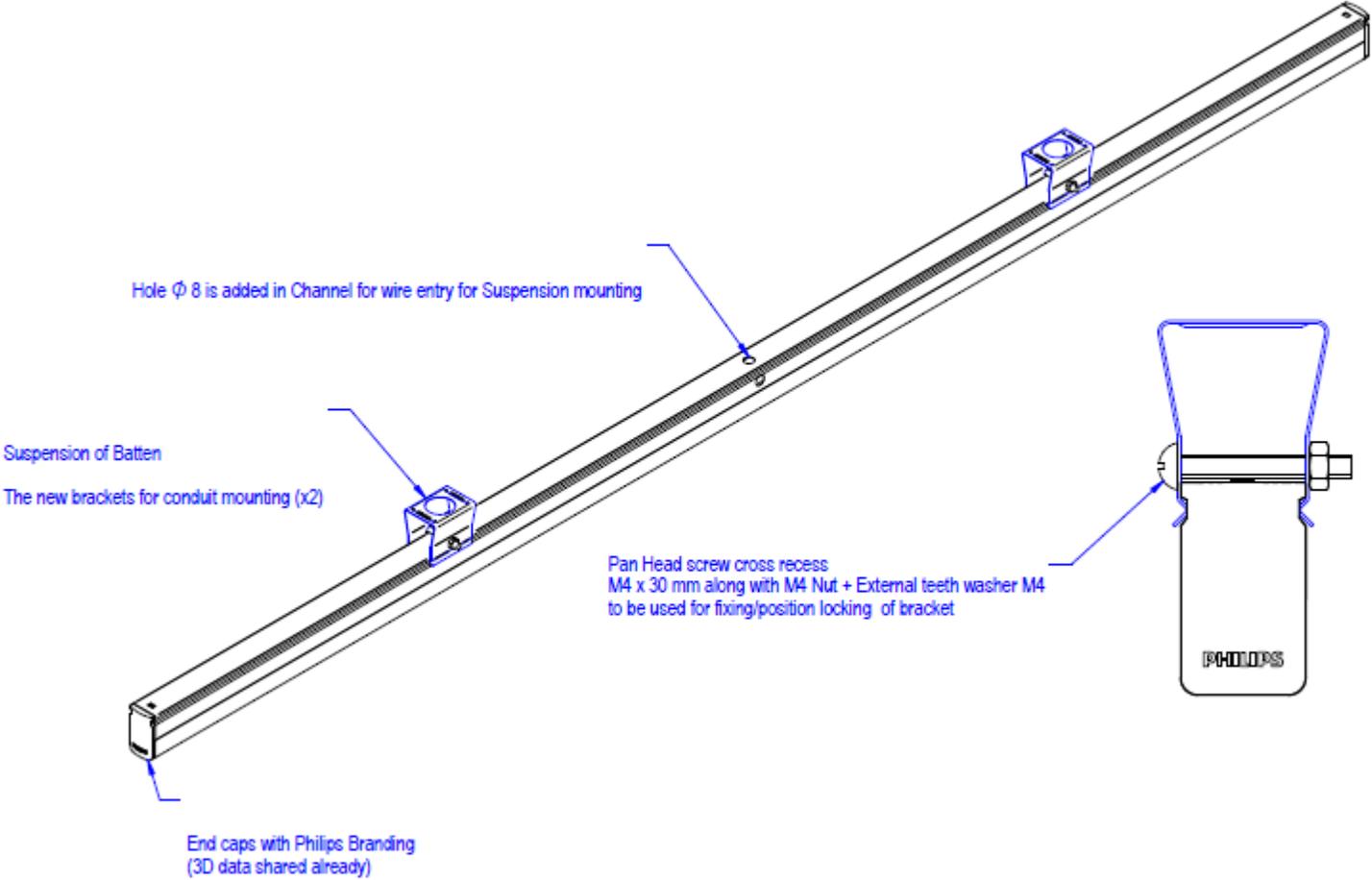
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Parameter	LED single lamp
Lumen Output	2000 Lm
System Wattage	22 W
Efficacy	>90
CCT	4000K / 6500K
CRI	>80
Mounting	Wall/Surface/Suspension
Housing	Aluminum Extrusion
IP	IP 20
Control	Not Applicable
Luminaire compliance	Relevant LED IS standards
Life (Hrs)	L70B50 25,000
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	1185mm X 22mm X 36mm

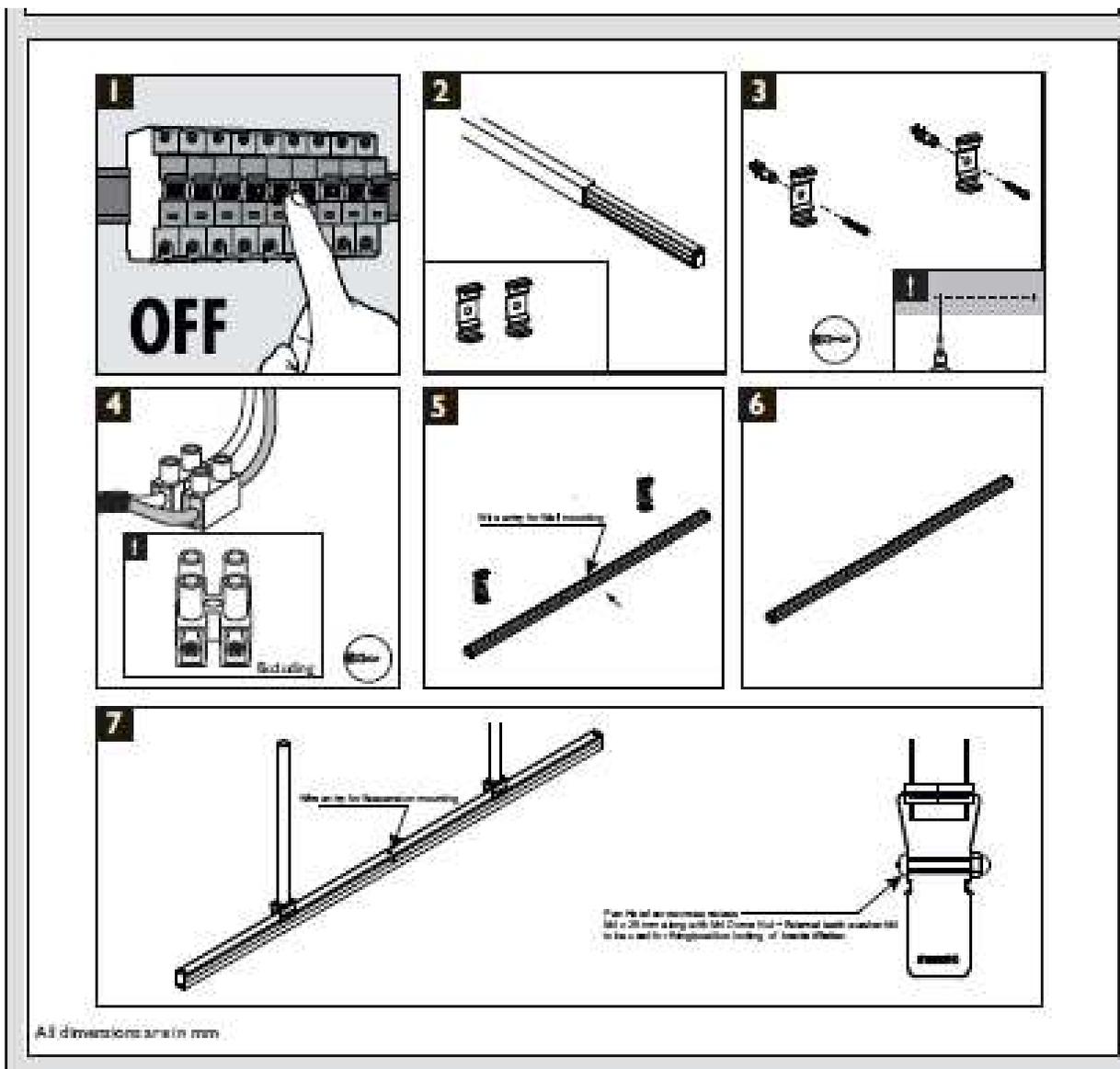
			INDIA		
Statement					
Performance				BN 208C	
Core			BN 108C		BN 021



Conduit Mounting for Institutions & offices



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Ordering Data

12 NC	Product Description	Qty. per Box	Remarks
919515811439	BN021C LED20S PSU NW GR	20	Ready for Order Entry from 13 th May 2016
919515811440	BN021C LED20S PSU CDL GR	20	To be Confirmed
919515811441	BN 021C MB S		To be Confirmed

