



MAD Batten – shadow-free trunking, energy saving

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Most customers want lighting solutions that balance the initial investment and operational energy savings. Until now, LED linear lighting solutions were often designed for direct replacement of T5 or T8 fixtures. This meant that there was a risk of excessive use of light and energy in non-functional lighting applications such as cove, shelf or decorative lighting. MAD Batten prevents redundant light in these applications, thereby greatly reducing energy consumption.

Benefits

- Up to 60% energy saving compared to a T5 solution
- Shadow-free trunking – seamless cove lighting effect
- Easy installation – plug and play

Features

- Low energy consumption
- Ultra-thin end-cap and dedicated optical design

Application

- Cove lighting
- Shelf lighting
- Backlighting

Specifications

Type	BN086C
Light source	Non-replaceable LED module
Power	14 W

Beam angle	> 120°
Luminous flux	1200 lm (4000 K)

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Correlated Color	3000, 4000 or 6500 K
Temperature	
Color Rendering Index	> 80
Maintenance of lumen output - L70	20,000 hours at 25 °C
Operating temperature range	-20 to +35 °C
Driver	Built-in

Mains voltage	220-240 V / 50-60 Hz
Dimming	Not dimmable
Material	Polycarbonate, extruded
Color	White (WH) or gray (GR)
Optic	Wide beam
Connection	Integral male / female connectors
Maintenance	Optical module sealed for file; no internal cleaning required

Versions



BN086C LED3/LED6/LED9/LED10/LED12

Approval and Application

Ingress protection code IP20

Operating and Electrical

Input Voltage 220 to 240 V

General Information

Protection class IEC Safety class II

Flammability mark For mounting on normally flammable surfaces

General Information

Order Code	Full Product Name	Lamp family code
911401782901	BN086C LED12/CW L1200	LED12
911401783001	BN086C LED12/NW L1200	LED12
911401783101	BN086C LED12/WW L1200	LED12
911401783201	BN086C LED10/CW L1000	LED10
911401783301	BN086C LED10/NW L1000	LED10
911401783401	BN086C LED10/WW L1000	LED10
911401783501	BN086C LED9/CW L900	LED9
911401783601	BN086C LED9/NW L900	LED9

Order Code	Full Product Name	Lamp family code
911401783701	BN086C LED9/WW L900	LED9
911401783801	BN086C LED6/CW L600	LED6
911401783901	BN086C LED6/NW L600	LED6
911401784001	BN086C LED6/WW L600	LED6
911401784101	BN086C LED3/CW L300	LED3
911401784201	BN086C LED3/NW L300	LED3
911401784301	BN086C LED3/WW L300	LED3

Initial Performance (IEC Compliant)

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Order Code	Full Product Name	Init. Corr. Color Temperature	Initial input power
911401782901	BN086C LED12/CW L1200	6500 K	14 W
911401783001	BN086C LED12/NW L1200	4000 K	14 W
911401783101	BN086C LED12/WW L1200	3000 K	14 W
911401783201	BN086C LED10/CW L1000	6500 K	11 W
911401783301	BN086C LED10/NW L1000	4000 K	11 W
911401783401	BN086C LED10/WW L1000	3000 K	11 W
911401783501	BN086C LED9/CW L900	6500 K	10 W
911401783601	BN086C LED9/NW L900	4000 K	10 W

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial input power
911401783701	BN086C LED9/WW L900	3000 K	10 W
911401783801	BN086C LED6/CW L600	6500 K	7 W
911401783901	BN086C LED6/NW L600	4000 K	7 W
911401784001	BN086C LED6/WW L600	3000 K	7 W
911401784101	BN086C LED3/CW L300	6500 K	4 W
911401784201	BN086C LED3/NW L300	4000 K	4 W
911401784301	BN086C LED3/WW L300	3000 K	4 W

