THOMSON

LED Batten Light BTN02 Series

It is a high-quality, high-efficacy batten light. It features a screw-free, sleek, and modern design. The modular structure allows customers to freely combine modules to meet various functional requirements, thereby reducing inventory.
The PC diffuser uses a dual-color extrusion process, and the luminous part incorporates an internal stripe design to enhance the uniformity of light output.

Lighting Product Datasheet

1. General Information

Product Name	LED Batten Light
Model Number	TH-BTN02-40

2. Photometric

**Light Source Type. **	LED
Luminous Flux (lm)	5600lm
Efficacy (lm/W)	140lm/W
Correlated Color Temperature (CCT)	3000K, 4000K, 6500K
Color Rendering Index (CRI)	80
Beam Angle	100
UGR (Unified Glare Rating)	22
MacAdam Ellipse (Color consistency)	3
Lifetime L80B10	50000 Hours

3. Electrical Data

Wattage	40W
Input Voltage	220V – 240V
Power Factor	0.9
Dimming (Optional)	On/Off, 0-10V

4.Mechanical Data

Housing Material	Powder Coated Steel Sheet
**Lens & Diffuser Material **	Polycarbonate
**Dimension(mm) **	1200*70*75
Ingress Protection (IP)	IP20
Mechanical Protection (IK)	IK06

5. Environmental Data

Operating Temperature Range	-10 to 50 Degrees Celsius
Storage Temperature	-20 to 70 Degrees Celsius

6. Compliance & Certification

CE / UKCA	Comply
Driver Certificate	CE
RoHS	Comply
Warranty Period	5 Years

7. Additional Notes

- Custom CCT options available upon request.
- Emergency backup or motion sensor optional.
- Compatible with smart lighting systems (Optional).

Lighting Distribution

AVERAGE BEAM ANGLE(50%):109.3 DEG

UNIT:cd
C0/180,109.7
C90/270,108.9