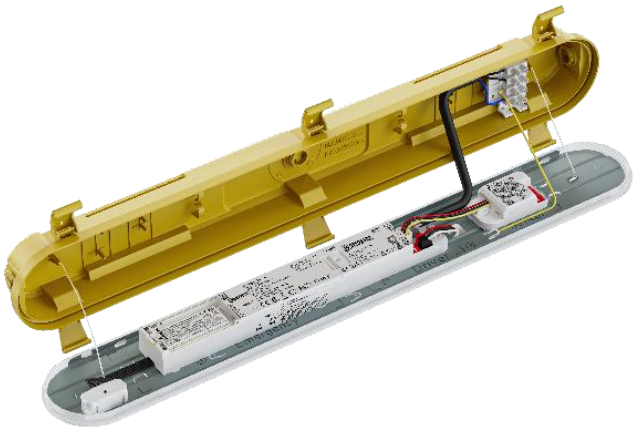
BRITICENT SITE ELECTRICS

Datasheet

ClikConnect™ 2FT 12-24W CCT3 IP66 LED Non-Corrosive Fitting 100-240V Yellow



Features

High Efficiency Output: Up to 180lm/W delivering high lumen performance with reduced energy consumption.

Selectable Power & Colour:
- 12W / 16W / 20W / 24W
- 4000K: 3400lm, 5000K: 3840lm, 6500K: 3400lm (24W)
- 120° beam angle

Durability & Protection: IK10 impact rating, IP66 ingress protection, suitable for tough site environments.

Wide Voltage: Operates on 100–240V AC with integrated low voltage protection for stability on variable site power.

ClikConnect™ Integration: Tool-free, no-wiring design for emergency and microwave sensor modules.

Construction: Robust polycarbonate body with surface and suspension mounting options. Compatible with BESA box fixing.

Installer-Friendly Design:
- Unique 90° locking clips stay clear during fitting
- 4-way terminal block with loop-in/loop-out, rotatable 180° for varied cable entry

Emergency Pack Option: (BI5021/BI5061)
- ClikConnect™ 3hr LiFePO4 1800mAh 6.4V battery pack
- Switchable self-test / non-self-test modes
- Tool-free magnetic indicator for easy maintenance

Microwave Sensor Pack: (BI5060)
- 10m detection range
- Adjustable standby dim, hold time & daylight sensitivity
- DIP switch configuration, tool-free fitting for maximum flexibility.

Description

The Briticent ClikConnect™ 2FT non-corrosive fitting is designed for tough site conditions, with selectable power and colour temperature, up to 180lm/W efficiency, and wide 100–240V input compatibility. Tool-free ClikConnect™ tech allows fast upgrades with optional emergency and microwave sensorpacks. Built for speed and durability, offers IK10 impact resistance and IP66 protection.

Technical Specification

Input Voltage	100-240V 50~60Hz
Power	12W/16W/20W/24W Selectable
CCT	4000K/5000K/6500K
Lumens	Up to 3840lm
Lumens Per Circuit Watt	Up to 4320lm
Efficiency	160lm/W
Light Source Efficiency	180lm/W
Energy Efficiency Class	D
Inrush Current	9.75A
L70B50 Lifetime	50,000 Hrs
Battery Type (BI5021/BI5061)	LiFePO4 1800mAh 6.4V AA
Microwave Sensor Standby Power (BI5060)	0.22W
Protection Class	Class I
IP Rating	IP66
IK Rating	IK10
Light Source	Integrated LED
Construction	Polycarbonate
Operating Temperature	-20°C to + 45°C
Standard(s)	BS EN 60598-1
Warranty	2 Years

Dimensions

Length	Width	Height
670mm	96mm	78mm

Contact your local authority for information concerning the correct disposal of your product.

Range

BI5020	2FT (12-24W) CCT3 IP66 NCF
BI5021	2FT (12-24W) CCT3 IP66 NCF + EM
BI5060	ClikConnect - Intelligent Motion Microwave Sensor
BI5061	2W Emergency 3hour Battery Pack Switchable Test

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