



Tiger LED Batten - IP69K - Food Grade

Food Grade tubular batten - IP69K - 20W & 36W

Rated IP69K - for high pressure hot water and detergents

Easily cleaned surfaces to meet food standards

Microwave occupancy sensor option now available

IP69K rated for challenging environments

Designed to resist ingress of:

- high pressure & high temperature water, steam and detergents used in intensive cleaning and sanitising procedures
- dust and corrosive gases.



Quality-built SMD tubular batten

Constructed in PMMA/acrylic for durability & thermal properties
 Stainless steel (316 grade) end caps & brackets
 Fully sealed against air and water intake
 Pressure release valve relieves pressure in fitting when heated
 Rated IK09 for robust physical environments
 No glass - suited to food and pharmaceutical industries.

Excellent light quality

Extra-bright 5700 lumens output @ 160 lm/W (1200mm)
 Excellent 5000K Natural White colour temperature
 120 degree light spread
 Rotate fitting in the brackets to direct light to sides if required.

Exceptional value for money

Low purchase cost for quality LED batten
 Energy efficient - saves up to 60% compared to fluoro battens
 50,000+ hours service life with 3 year warranty.

Easy installation - ceiling mounted or suspended

Recommended installation height - 3-8m depending on lux needs
 Simply screw brackets to ceiling and snap batten into brackets.

Microwave Occupancy / Light Sensor option (1200mm batten only)

Multiply your energy savings by automatic dimming/switch off.
 Detection range 8-10m at 3m mounting height.

Sensor programming is via Remote Control only. Options are:

Detection range	4 options	100%, 75%, 50%, 25%
Dimming	3 stages	ON / DIM / OFF
Hold time	8 options	5s, 30s, 1m, 3m, 5m, 10m, 20m, 30m
Daylight sensor	PE cell	2 lux, 10, 30, 50, 80, 120, disable
Standby period	8 options	0s (on/off), 10s, 30s, 1m, 5m, 10m, 30m, infinite
Standby dim level	4 options	10%, 20%, 30%, 50%



Applications

Designed for internal use or under cover externally.
 Food preparation areas or other areas where strict hygiene standards must be maintained eg pharmaceuticals and other dust-free environments.
 Corrosive environments, where high pressure and/or hot detergent washdowns are commonplace.
 Surface mounted or suspended fittings for:
 food industry, pharmaceutical industry, carwashes, swimming pools, flour mills, freezers, abattoirs, livestock & poultry sheds, wash stations for vehicles and heavy industrial equipment and in mining.



Technical parameters

	20W 600mm	36W 1200mm
Power consumption	20W	36W
Fluorescent T8 equivalent	2x18W/1x36W	2x36W tubes & ballasts
Lumen output @150 lm/W	3200 lm	5700 lm
Beam angle	120 degrees	
Colour temp / CRI	5000K (Natural White) / CRI >80	
Input voltage	220/240V AC, 50/60Hz	
Power factor / THD	≥0.93 / <20%	
Power supply protection	OVP, OLP, OTP, OCP	
Cable specification	1m, 3 core	
Service life	50,000+hours	
Operating temperature	-20 to 35°C	
Construction - Body	Stainless Steel - 316 grade / PMMA-acrylic	
IP rating	IP69K	
IK rating	IK09	
Dimensions LxD mm	600x70mm diam	1200x70mm diam
Weight	1.0kg	1.7kg
Order Codes - 600/1200mm	PEFG0600NW	PEFG1200NW
- Occupancy/light sensor	n/a	PEFG1200NW-MS
- Remote control for sensor	PE-REM	