

Goodlight™

G5 LED Batten (Linear)

KEY FEATURES

Linear LED Batten Luminaire

Replaces standard, twin fluorescent fixtures

Multi-Protection - Dust Proof, Corrosion Proof & Water Proof (IP65)

Suitable for commercial and industrial environments

Ideal for retail, car parks, hospitals, factories, cold storage & warehouses

Optional emergency function

Available in 2ft, 4ft & 5ft lengths

MAINTENANCE SAVINGS

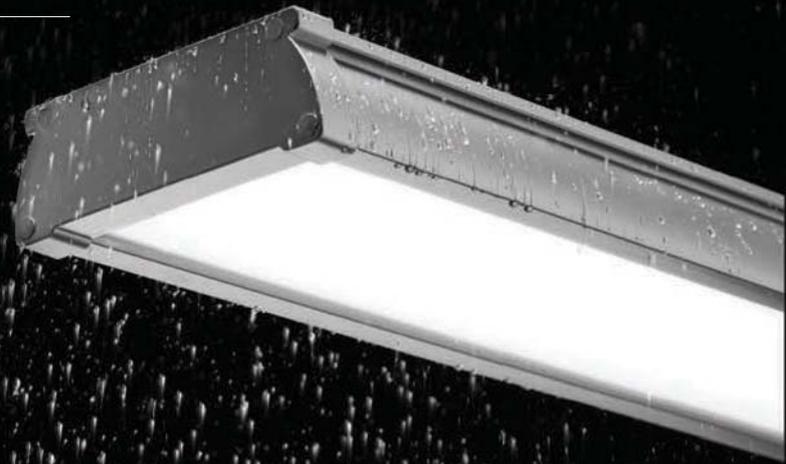
>95%

ENERGY SAVINGS

>65%

LAMP EFFICACY (UP TO)

110_{Lm/W}



FIVE WAY PROTECTION



G5 LED Batten (Linear)



A multi-action LED Batten to meet the requirements of the most challenging commercial and industrial environments.

The Goodlight G5 multi-functional LED batten (Linear) is designed to replace standard fluorescent fixtures in interior and exterior applications. The unit is housed in a sleek PVC body, and IP65-protected with a high-density silicon rubber seal, making it waterproof (IP65), dust proof and anti-corrosive (weather-proof).

The fitting is totally glass-free and shatter-proof, featuring a PC lens which provides uniform light which transmits over 95% light efficacy, making it additionally suitable for food and drink production environments.

The G5 delivers up to 110 lumens per watt of brightness, utilising SMD2835 LEDs, with a 120° beam angle for optimal light spread. Variants include a standard model in 2ft, 4ft and 5ft lengths, with optional emergency battery back-up (min. 3 hours).

The G5 can be recessed, suspended or surface-mounted.

Supplied with stainless steel mounting clips, as standard, for an easy and simple installation (surface-mounted).

Learn more by watching our video: www.goodlight.co.uk/g5video

REPLACES

STANDARD TWIN
FLUORESCENT FIXTURES

SUITABLE FOR

RETAIL
INDUSTRIAL
CAR PARKS
AMENITY LIGHTING
OFFICES & COMMERCIAL
COLD STORAGE &
REFRIGERATION
FOOD & DRINK PRODUCTION
HEALTHCARE

OPERATING TEMP.

-20°C > 50°C

WHITE TEMPERATURE



PRODUCT FEATURES

IP65	INSTANT ON
SMD LEDs	NO MERCURY GAS
FLICKER FREE	50,000 HOURS
ZERO MAINTENANCE	ZERO U.V. EMISSIONS
CE CERTIFIED	RoHS COMPLIANT



G5 LED Batten (Linear)

ELECTRICAL PARAMETERS

Input Voltage	85V - 265V AC
Frequency	50Hz – 60Hz
Power Factor	>0.9
Operating Temp	-20°C to 50°C
Materials	PVC & PC lens (shatterproof)
Beam Angle	120°
CRI (Ra)	>80
IP Rating	IP65
Impact Protection	IK08
Lifespan	50,000 Hours
Dimmable	Yes (0-10V, DALI optional)
Lumens per Watt (up to)	110lm/W
Complies with	EN 60598-2-1: 1989 EN 60598-1/A11:2009 EN 62031/A1:2013 EN 62471:2008 EN 62493:2010

TECHNICAL PARAMETERS (STANDARD)

DIMENSIONS (mm)	WATTAGE	PRODUCT CODE	COLOUR TEMPERATURE	LUMENS
300 x 124 x 43 (1ft)	10W	G5LED102	Daylight (5.8K-6.1K)	1,100
		G5LED101	Natural (4K-4.2K)	1,050
		G5LED103	Warm (3K-3.1K)	1,000
640 x 124 x 43 (2ft)	20W	G5LED202	Daylight (5.8K-6.1K)	2,200
		G5LED201	Natural (4K-4.2K)	2,150
		G5LED203	Warm (3K-3.1K)	2,100
1200 x 124 x 43 (4ft)	25W	G5LED452	Daylight (5.8K-6.1K)	2,750
		G5LED451	Natural (4K-4.2K)	2,700
		G5LED453	Warm (3K-3.1K)	2,650
	40W	G5LED402	Daylight (5.8K-6.1K)	4,400
		G5LED401	Natural (4K-4.2K)	4,350
		G5LED403	Warm (3K-3.1K)	4,300
1500 x 124 x 43 (5ft)	30W	G5LED532	Daylight (5.8K-6.1K)	3,300
		G5LED531	Natural (4K-4.2K)	3,250
		G5LED533	Warm (3K-3.1K)	3,200
	50W	G5LED502	Daylight (5.8K-6.1K)	5,500
		G5LED501	Natural (4K-4.2K)	5,450
		G5LED503	Warm (3K-3.1K)	5,400

*Photometric data available on request.

For Emergency models, please add 'EMG' suffix to product code when ordering e.g. G5LED202EMG

EMERGENCY UNIT



Emergency unit with battery back-up for all models requires **LEDPEMG**. This must be ordered separately.

All emergency units include 3hr battery function in the event of mains failure. All battery units are supplied with a 1 Year Guarantee against failure. An annual battery testing routine and replacement (if required) is advised.



Emergency unit features integrated battery pack, LED indicator and test function.