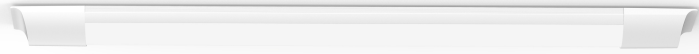


LED IP65 Batten G2



Product information

The LED IP65 Batten designed to be a direct replacement for conventional battens, with energy savings. The best choice for smooth linear lighting. The range available in 14W & 28W with size of 600mm and 1200mm. Featuring high grade polycarbonate diffuser and housing, they are suitable for commercial and industrial use where moisture or dust is prevalent. The Weatherproof Batten range offers cost effective reliability and weatherproof resistance.

Features

- Power: 14W & 28W
- Control: Static control
- Efficiency: Up to 120lm/W
- Luminous flux: up to 3360lm
- CCT: 3000K/4000K
- Lifetime: 50.000 hours @ L80/B20
- 5 years warranty
- IP65
- IK08
- Available in white color.
- Operating temperature between -20°C and +45°C

Benefits

- Easy to install , requires small space due to compact size
- Seamless linear lighting without dark spots

Application areas



Office



Retail



Hospitality



Industrial



Corridors / Entrances / Basements
Bathrooms / Stairwells

Direct replacement for luminaires with fluorescent lamps.

Specification summary

Parameters below are the same for all luminaires in the range:

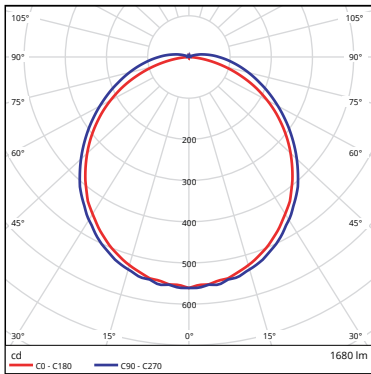
Light Technology used	LED
Light source	Non-replaceable light source
Mains / Non-mains	Mains Light source
Directional / Non-directional	Non-directional
Colour-tuneable	No
Anti-glare shield	No
Correlated color temperature (CCT)	3000K / 4000K
Colour rendering index (CRI) (Ra) min	80
R9 colour rendering index value	7.8 / 9.9
SDCM (Standard Deviation or Color Maintenance)	≤6
Beam angle	110°
Flicker metric	<1
Stroboscopic effect metric	<0,4

Input Voltage & Frequency	100-240VAC, 50/60Hz
Power factor	≥0.9
Displacement factor	>0.9
Standby power	0W
Lifetime (L80B20)	50000h
Survival factor at 3000h	1
Lumen maintenance at 3000h	96%
Ingress protection (IP)	IP65
Impact protection (IK)	IK08
Color of Housing	White
Materials (housing)	PC

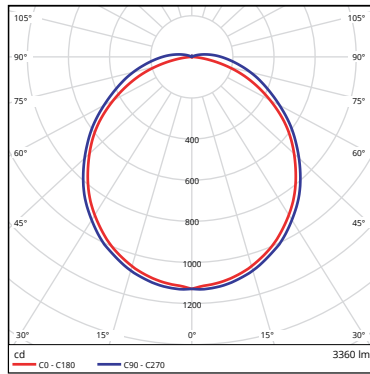
Parameters below are specific for each of the product codes:

Product code	Description	ELECTRICAL DATA				Dimm.	PHOTOMETRICAL DATA			DIMENSIONS & WEIGHTS	
		Luminaire power (W)	On-mode power (W)	Input current (mA)	Lightsource input voltage (V (DC))		Luminaire lumen (lm)	Useful lumen (360°) (lm)	Luminaire Efficiency (lm/W)	Dimensions (LxWxH) (mm)	Product weight (kg)
93121342	LED Batten TU G2 14W 2' 830 IP65	14	14	65	60-75	No (Static)	1610	1610	115	600x75x24	0,5
93121343	LED Batten TU G2 14W 2' 840 IP65	14	14	65	60-75	No (Static)	1680	1680	120	600x75x24	0,5
93121344	LED Batten TU G2 28W 4' 830 IP65	28	28	132	60-75	No (Static)	3220	3220	115	1210x75x24	0,8
93121345	LED Batten TU G2 28W 4' 840 IP65	28	28	132	60-75	No (Static)	3360	3360	120	1210x85x58	0,8

Photometric distribution



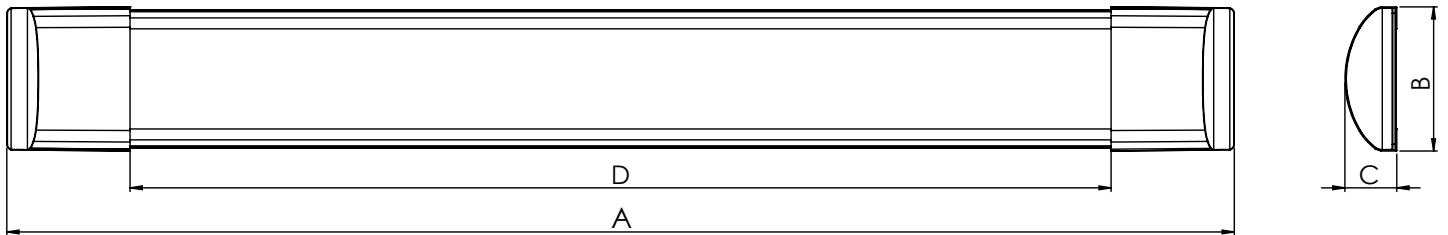
LED Batten TU G2 14W 2ft 840 IP65



LED Batten TU G2 28W 4ft 840 IP65

Only for indicative purpose. For lighting design, please use the ldt photometry files available for the products.

Dimensions (mm)



Description	Power (W)	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
LED Batten TU G2 14W xxx	14	600	78	28	466	0,45
LED Batten TU G2 28W xxx	28	1210	78	28	1076	0,75

Energy efficiency class (A-G)*



*according to regulation 2019/2015

Order logic

Internal code	Generation	Wattage	Length	CRI	CCT	IP rating
LED Batten TU	G2 - Generation 2	14W 28W	2' - 2ft 4' - 4ft	8 - CSI 80	30 - 3000K 40 - 4000K	IP65

Regulatory and standards

Regulatory mark: CE, UKCA, Morocco

Regulations: 2014/35/EU, 2014/30/EU, 2011/65/EU, (framework 2009/125/EC) EU 2019/2020, (framework EU/2017/1369) EU 2019/2015*

Harmonized standards: EN 60598, EN 62493, EN 61547, EN55015, EN 61000, look for CE Declaration of Conformity and Technical File for details

Photobiological risk assessment is maximum group 1. The product is considered safe, does not pose any photobiological hazard

*not on DOC