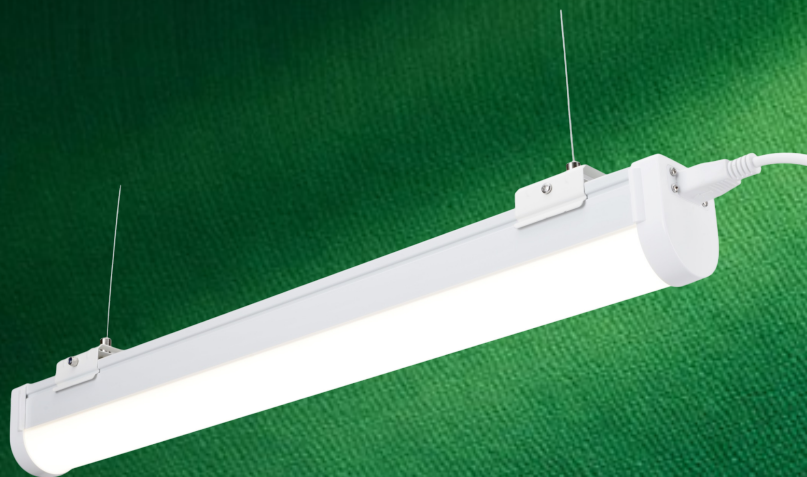




GenProof 03

LED Seamless Batten



GenProof 03 Seamless

Genproof 03 Seamless LED Waterproof Light is a high-performance IP66 and IK08-rated LED batten designed for demanding indoor and outdoor environments. Featuring a UV-stabilised polycarbonate housing, flicker-free driver, and high-efficiency LED technology delivering efficacy of up to 185 lm/W, it delivers reliable, uniform illumination with excellent durability and heat resistance. The seamless splicing design eliminates dark spots in continuous lighting applications, while convenient loop-in/loop-out wiring ensures fast and efficient installation. Available in standard, DALI, 0–10V dimming, and integral microwave sensor configurations, the fitting offers enhanced lighting control and energy savings. Additional Rear Power Connectors (RPC) allow continuous runs of up to 50 metres, while flexible mounting options support both suspended and surface-mounted installations. Backed by a 5-year warranty, the Genproof 03 provides a dependable and energy-efficient lighting solution for industrial, commercial, and architectural projects.





High efficiency and energy saving

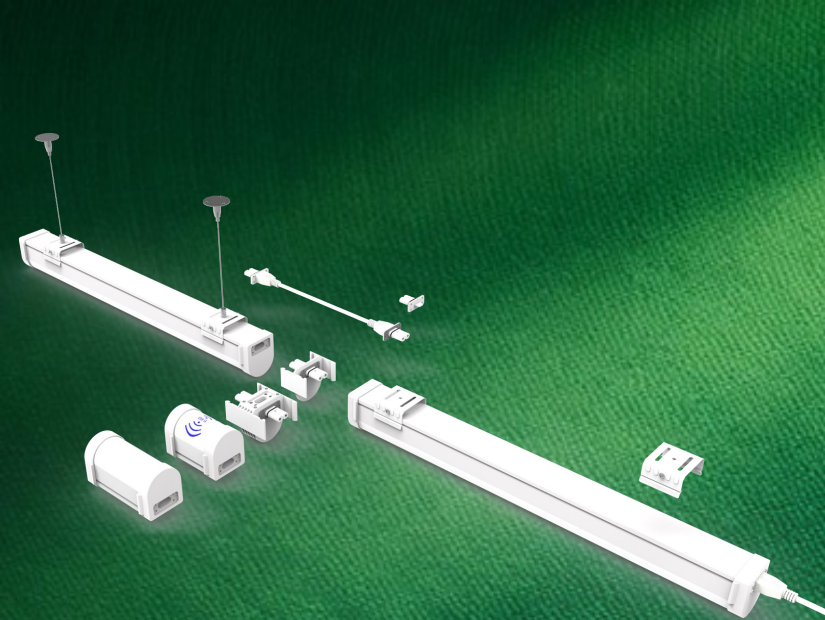


The Genproof 03 batten delivers outstanding energy efficiency, with luminous efficacy reaching up to 160lm/W or 185lm/W, helping reduce overall power consumption while maintaining superior illumination. Available in 2ft (15W), 4ft (30W), and 5ft (40W) versions, it provides high lumen output with minimal heat generation, contributing to longer fixture lifespan and lower maintenance costs. Its advanced aluminum housing ensures reduced lumen depreciation, The Genproof 03 supports series connection, maximizing both energy savings and installation efficiency.

Intelligent lighting control options



The Genproof 03 offers cutting-edge intelligent lighting control, including 01–100% dimming via DALI2.0 (DT6/DT8) or 0–10V systems, ensuring seamless integration into modern lighting networks. Optional 5.8GHz microwave motion sensors enhance energy savings by enabling motion-triggered operation, while the integrated emergency LiFePO4 battery option ensures illumination during power loss. These intelligent features position Genproof 03 as an adaptive, future-proof solution for facilities aiming for higher energy efficiency and smart lighting control.



Seamless continuous-row lighting system

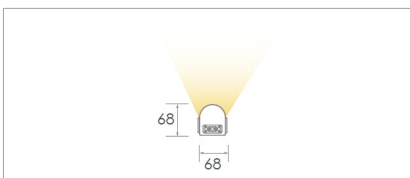


The Genproof 03 supports continuous-row installations through patented plug-in connectors and optional Rear Power Connectors (RPC), allowing interconnected runs of up to 50 metres. Installation shall be suitable for surface-mounted, suspended, or wall-mounted applications, providing flexibility across a wide range of commercial and industrial environments.





MODEL	Genproof 03
WATTAGE	10W 18W 28W 36W 40W 54W
CRI	80
CCT	3000K 4000K 5000K 5700K
BEAM ANGLE	120°
MATERIAL	Housing - Polycarbonate, Diffuser - High transmission opal polycarbonate
DRIVER	Constant current LED driver included
APPLICATION	Parking garages, basements, workshops, 1:1 fluorescent light exchange



Model	Watts	DxH(mm)	Length(mm)	Lumen(lm/w)
T03L060A	18W	600(L)x68(W)x68(H)	600	160
T03L060B	10W			185
T03L120A	36W	1200(L)x68(W)x68(H)	1200	160
T03L120B	28W			185
T03L150A	54W	1500(L)x68(W)x68(H)	1500	160
T03L150B	40W			185

Fixed



ORDERING INFORMATION

Example: T03B-N-28-50-120-N-S

Model	Dimming	Wattage	CCT	Length	Sensor	Emergency
T03	N	40W	50	120	S	E
T03A	N NonDim	10W	30 3000K	60 600mm	N No Sensor	S Standard
T03B	T Triac Dim	18W	40 4000K	120 1200mm	S Sensor	E Emergency
	V 0/1-10V Dim	28W	50 5000K	150 1500mm		
	D DALI Dim	36W	57 5700K			
		40W				
		54W				

OPTICAL DATA

Light Source	SMD 2835
Correlated Colour Temperature (CCT)	3000K – 6500K
Colour Rendering Index (CRI)	>80 standard; >90 optional
SDCM	<3
Beam Angle	120° (standard)

UGR	<25
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ELECTRICAL DATA

Protection Class	Class 1
Nominal Voltage	AC 100-240V 50-60 Hz
Power Factor	>0.95
Surge Protection (Kv)	-
Control Protocol	DALI, 1-10V

Sensor	Microwave Motion Sensor, DIP switch with 5.8G Hz Microwave sensor MS010
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Emergency	External seamless connector 2/3/5W 3hours maintained, 5W/8W Optional LifePO4 4 year battery. Yellow Green Indicator
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Power Supply	Lifud/ Boke
Driver Type	Constant Current (CC)

Total Harmonic Distortion (THD)	IEC 61000-3-2 Class C <20%
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Inrush Current	65A
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Driver Lifetime	>100,000hrs
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PERFORMANCE

System Wattage	10W 18W 28W 36W 40W 54W
Luminous Flux(±10%)	1600 2880 4480 5760 6400 8640
Luminaire Efficacy	160lm/W (185lm/w optional)

OPERATING CONDITIONS

Operating Temperature (Ta)	-30° to +50C
Mounting Options	Suspended Surface Wall

TECHNICAL DATA

Certifications	ERP /CA/SAA/TUV-CE/ROHS
Warranty	5 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

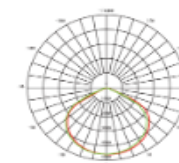
HOUSING & FINISH

Housing Material	Polycarbonate
Optic Material	High Transmission Opal
Finish Colour	Polycarbonate
Housing Finish	Polycarbonate
Weight (Kg)	0.7kg 1.28kg 1.54kg
IP Rating	IP66
IK Rating	IK08

LIFETIME OF THE LEDS @ TA 25°C

Lifetime @L80 (Tm-21)	>54,000hrs
Lifetime @L90 (Tm-21)	

PHOTOMETRIC DATA



120°



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