



GenProof 01

LED Vapour Proof



GenProof 01

The GenProof 01 Vapour Proof LED Batten is a robust and versatile lighting solution designed for demanding environments. Featuring an IP65 rating and durable stainless-steel clips, it ensures protection against dust and water ingress. With a luminous efficacy of up to 160 lumens per watt and selectable wattages (20W, 30W, 40W), offers exceptional efficiency and adaptability. The surface-mounted design suits various applications, while optional occupancy sensors and emergency functionality enhance its versatility. The innovative "hot flow channel" injection moulding technology ensures flawless symmetrical light distribution without spots or dark areas, maximising the luminaires' lighting efficiency to an impressive 94%.





High efficiency and energy saving

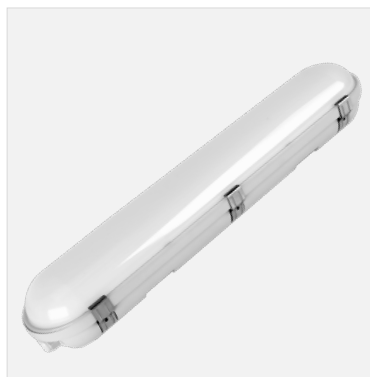


The GenProof 01 Vapour Proof LED Batten is engineered for high efficiency and energy savings, achieving up to an impressive 165 lumens per watt. Its advanced LED technology reduces energy consumption while maintaining optimal brightness, making it an ideal solution for cost-effective, eco-friendly lighting in industrial and commercial spaces

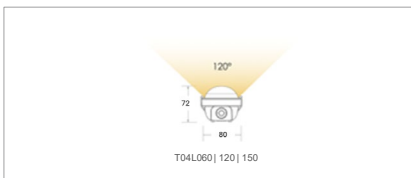
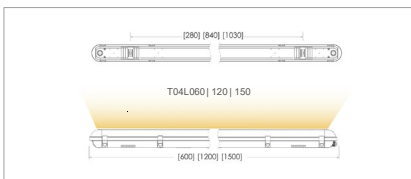
Intelligent lighting control options



The GenProof 01 Vapour Proof LED Batten offers advanced intelligent controls, enhancing energy efficiency and user convenience. It features occupancy sensors for automated operation, step dimming from 100% to 50% to 20% with customizable time settings, and DALI compatibility for seamless integration into smart lighting systems. These features ensure tailored lighting solutions while maximizing energy savings



MODEL	Genproof 01
WATTAGE	20W 30W 40W 50W
CRI	80
CCT	3000K 4000K 5000K 5700K
BEAM ANGLE	120°
MATERIAL	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)
T01L060A	20W	600(L)x80(W)x72(H)	600	160
T01L120A	40W	1200(L)x80(W)x72(H)	1200	160
T01L150A	60W	1500(L)x80(W)x72(H)	1500	160

OPTICAL DATA

Light Source	SMD 2835 Lumileds/Sanan
Correlated Colour Temperature (CCT)	3000K ~ 6500K
Colour Rendering Index (CRI)	>80 standard;
SDCM	<3
Beam Angle	120° (standard)
UGR	<25

PERFORMANCE

System Wattage	20W 40W 50W 60W
Luminous Flux(±10%)	2800 5600 7000 8400
Luminaire Efficacy	160lm/W

OPERATING CONDITIONS

Operating Temperature (Ta)	-20° to +40C
Mounting Options	Suspended Surface Wall

HOUSING & FINISH

Housing Material	Polycarbonate
Seals	Age-resistant silicone seals
Optic Material	Polycarbonate
Housing Finish	Polycarbonate
Finish Colour	Opal Diffuser, Grey Housing
Weight (Kg)	1.2kg 2.2kg 2.6kg
IP Rating	IP65
IK Rating	IK10

PHOTOMETRIC DATA

ELECTRICAL DATA

Protection Class	Class 1
Nominal Voltage	AC100-240V 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 MC004-S02
Emergency	Integrated 2W 3hours maintained, Main Self Test Yellow/Green Indicator Lifud/ Boke/ Justinpower Constant Current (CC)
Power Supply Driver Type	Constant Current (CC)
Total Harmonic Distortion (THD)	IEC 61000-3-2 Class C <20%
Inrush Current	65A
Driver Lifetime	>100,000hrs

TECHNICAL DATA

Certifications	ENEC/CB/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)

LIFETIME OF THE LEDS @ TA 25°C

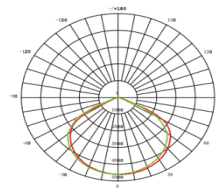
Lifetime @L70 B10 (Tm-21)	>50,000hrs
---------------------------	------------

ORDERING INFORMATION

Example: T01-N-40-50-120-S-E

Replaces product code: TP1204N/4050004E

Model	Dimming	Wattage	CCT	Length	Sensor	Emergency
T041	N	40W	50	120	S	E
T01	N NonDim	20W	30 3000K	60 600mm	N No Sensor	S Standard
	T Triac Dim	40W	40 4000K	120 1200mm	S Sensor	E Emergency
	V 0/1-10V Dim	60W	50 5000K	150 1500mm		
	D DALI Dim		57 5700K			



120°

genesis  ne



Genesis One Lighting (Pty) Ltd

www.genesisone.co.za

sales@genesisone.co.za

Unit 27 Northlands Retail Park

210 Epsom Ave

Northriding

2169