

# Batten Light Series

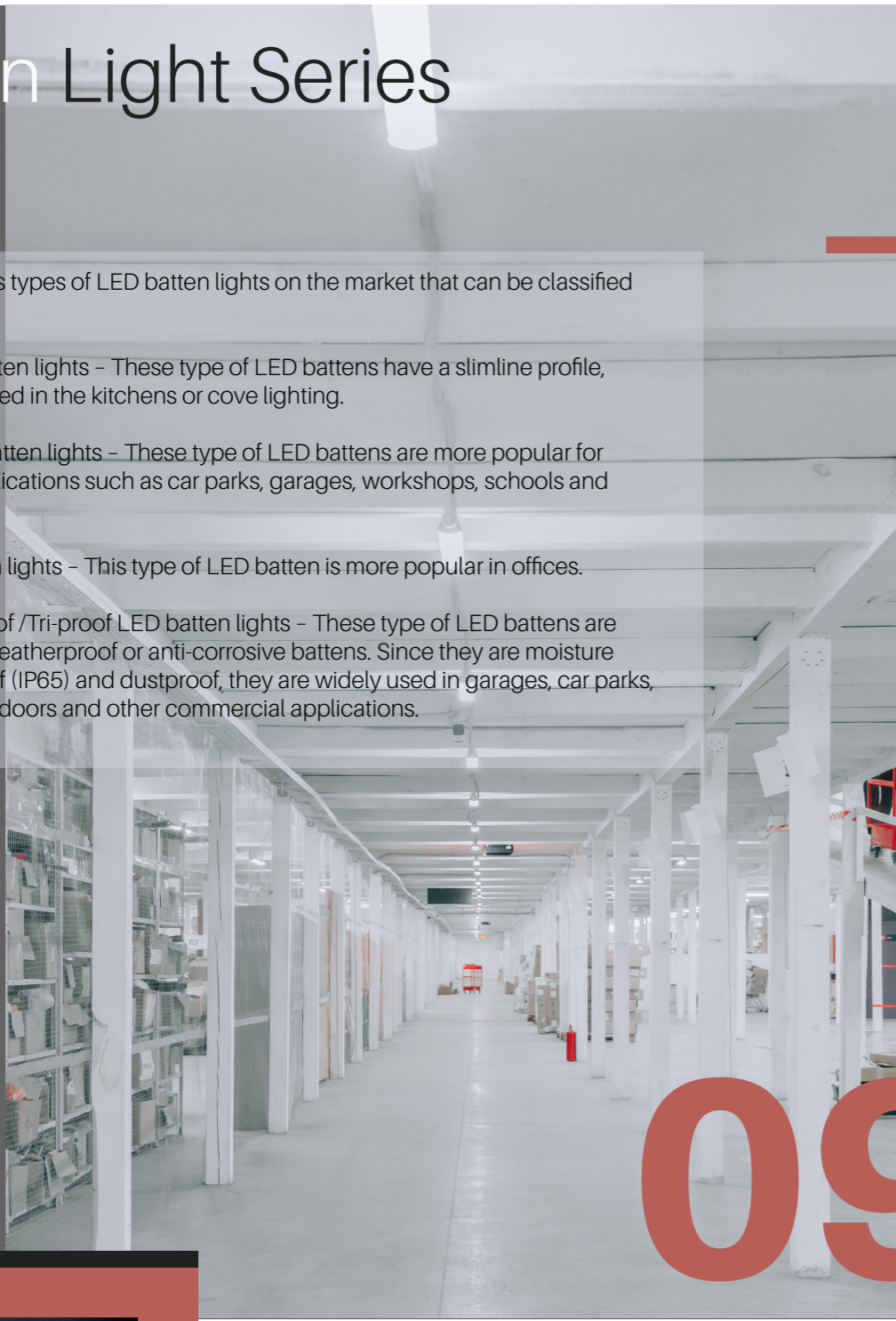
There are various types of LED batten lights on the market that can be classified as follows.

**Slimline LED batten lights** - These type of LED battens have a slimline profile, they are often used in the kitchens or cove lighting.

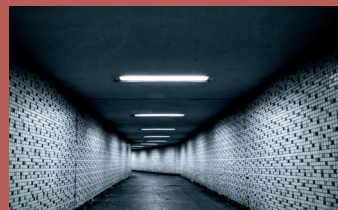
**Standard LED batten lights** - These type of LED battens are more popular for commercial applications such as car parks, garages, workshops, schools and hospitals, etc.

**Wide LED batten lights** - This type of LED batten is more popular in offices.

**IP65 Vapour Proof /Tri-proof LED batten lights** - These type of LED battens are also known as weatherproof or anti-corrosive battens. Since they are moisture proof, waterproof (IP65) and dustproof, they are widely used in garages, car parks, warehouses, outdoors and other commercial applications.



# 09



Applications  
Car parks  
Garages  
Utility rooms  
Schools  
Hospitals  
Factories,  
Workshops,  
Warehouses  
Train stations

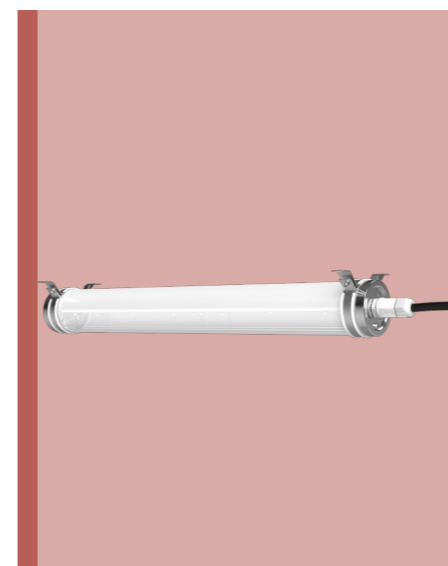
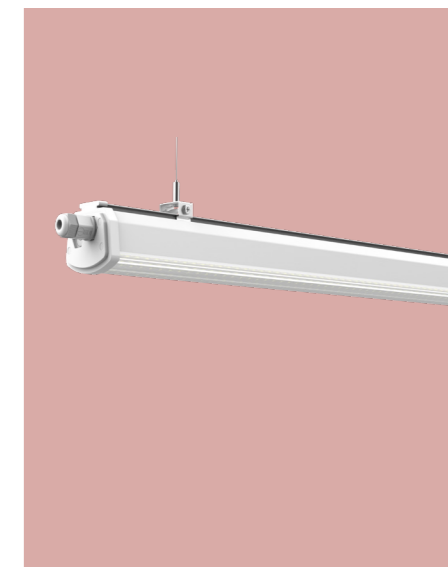
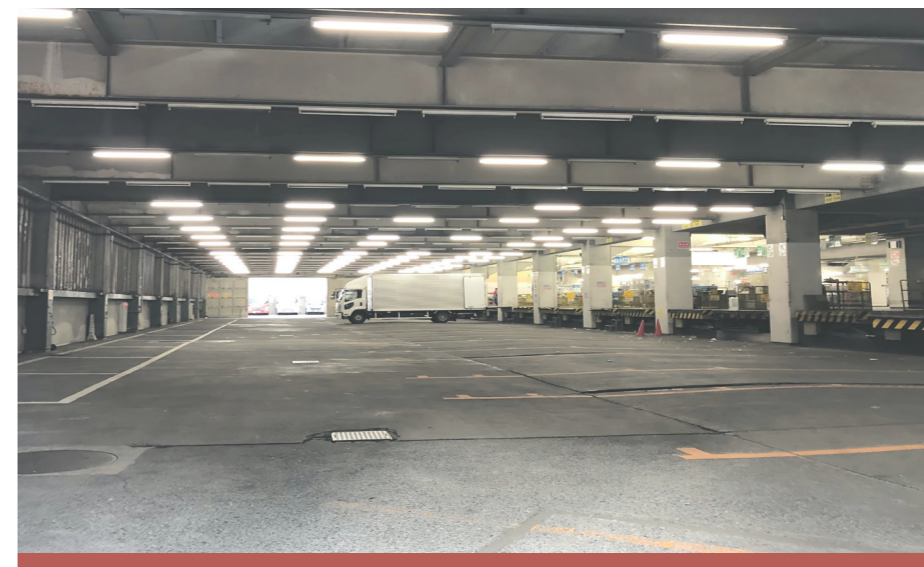
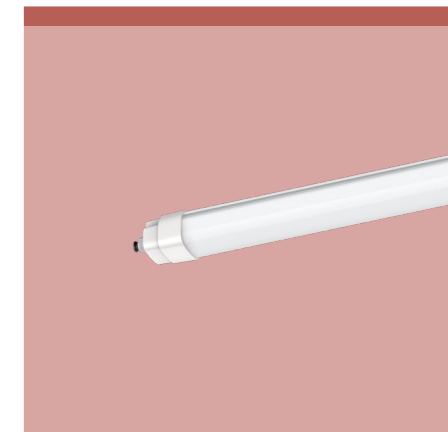
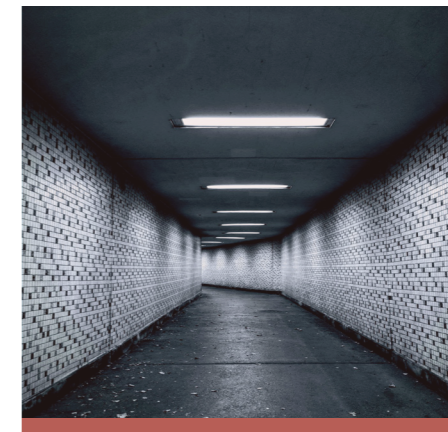
#### Features of LED battens

- Long life expectancy
- Switch on instantly (without delay)
- Does not flicker at start and in operation
- Energy efficient - consuming less power while producing same light output
- Various light colour options typically warm white, neutral/natural white and cool white, including CCT changeable versions
- Low light degradation

#### Dimmable options available

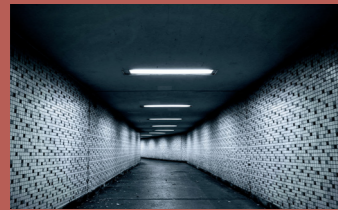
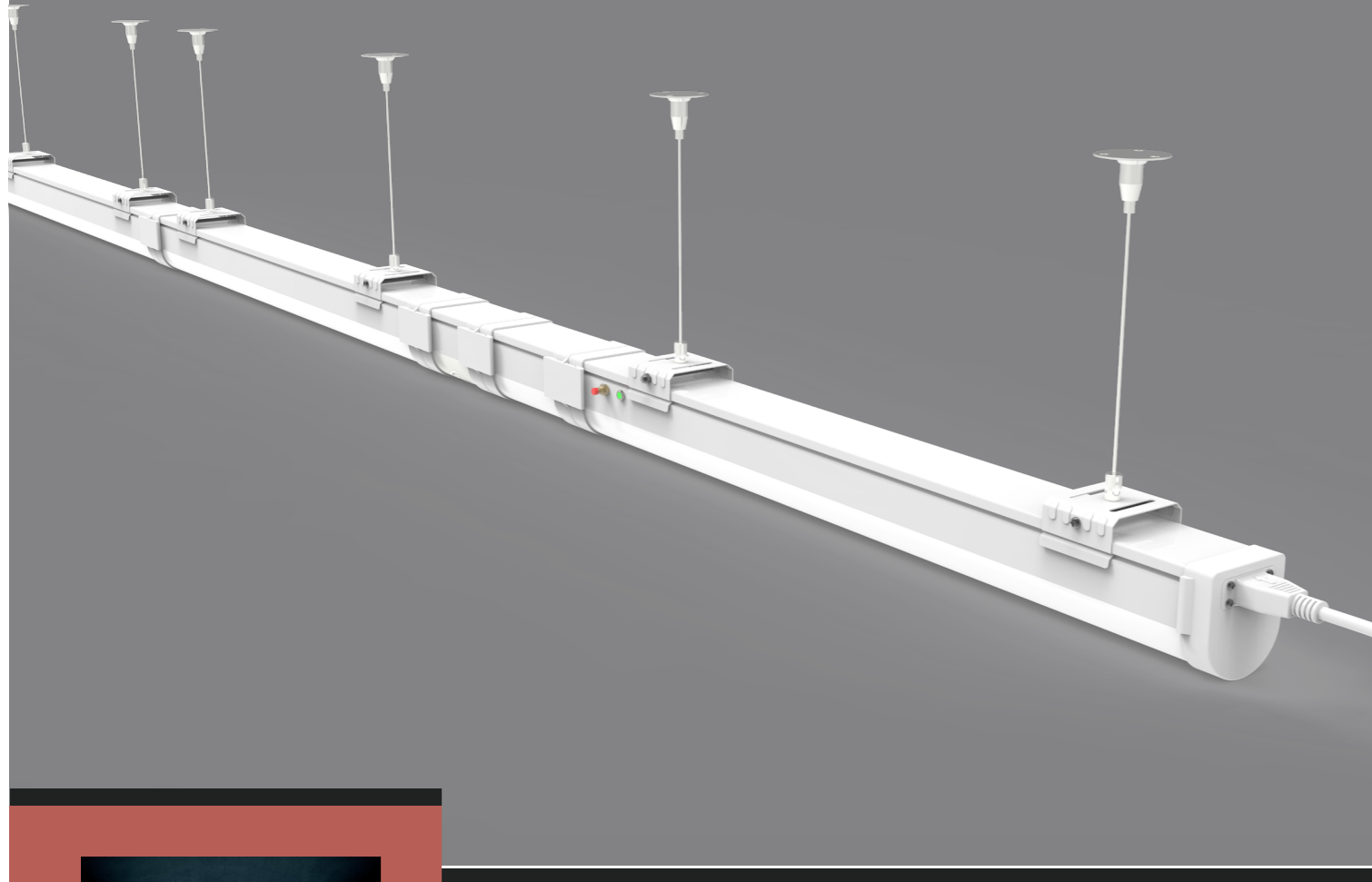
- Microwave sensor control available
- Integrated emergency
- Maintenance free
- Cool to touch

# Batten Light Series



# GenProof 03 Vapour Proof

The GenProof 03 LED vapour proof fitting is a high lumen IP66 batten that can be easily mounted in series up to a maximum of 400w. The 5.8G microwave sensor and emergency accessories are installed as a plug and play option. The GenProof 03 is available in high efficacy of 140lm/w or ultra high efficacy of 170lm/w.



## Applications

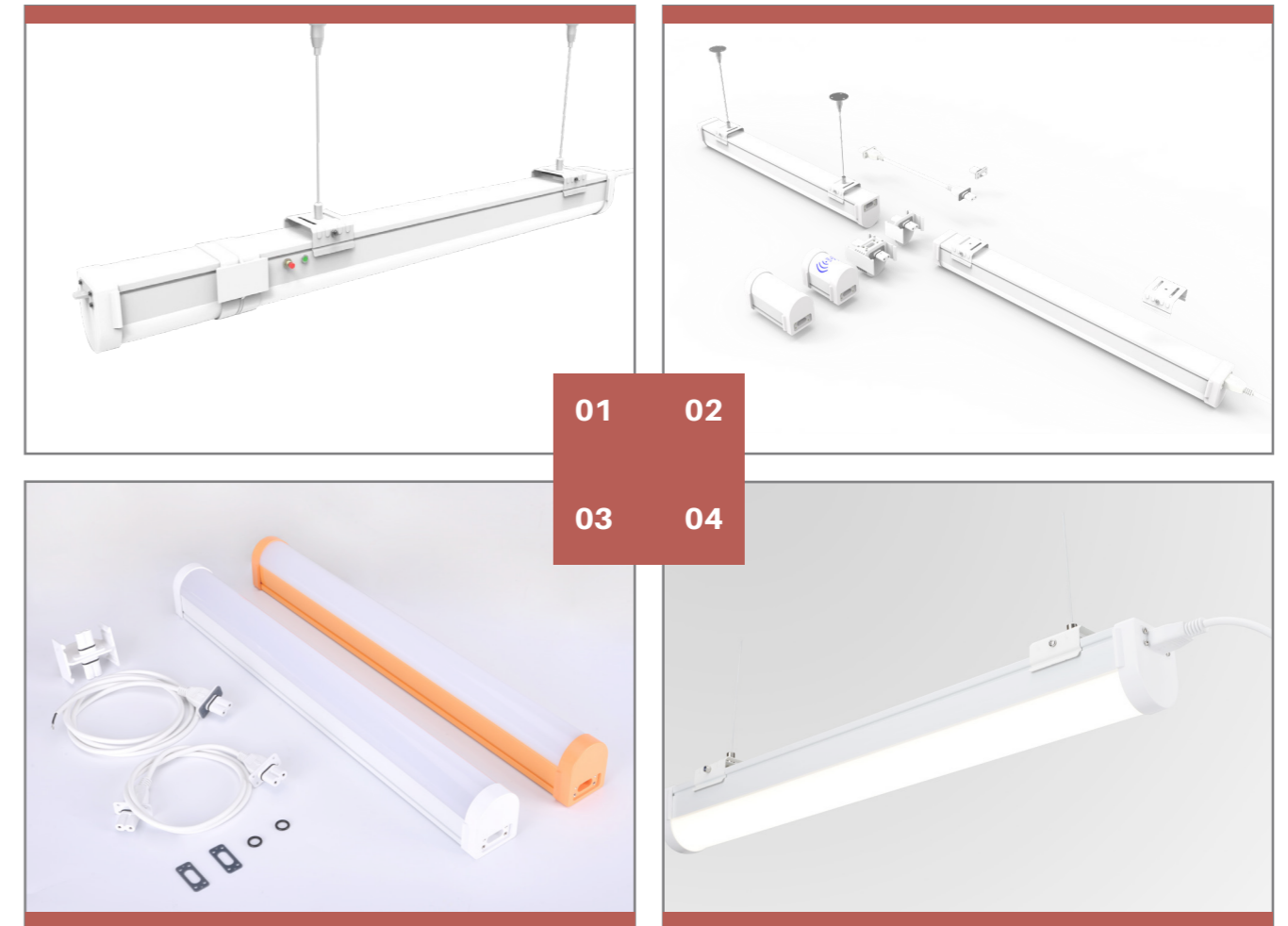
Basement parking  
Tunnels  
Wash bays  
Workshops  
Cold storage

Surface / suspended mounted linear batten  
120° beam angle  
IP66 & IK10  
End caps: made of shockproof poly carbonate (PC)  
Extruded PC opal diffuser with inner prism for uniform light output  
Internal emergency and PIR sensors optional  
UV resistant  
Life Hours: >50,000hrs  
Size Options:  
600mm, 1,200mm, 1,500mm, 1800mm  
CCT: 3000K / 4000K / 5000K / 5700K  
IP65 for indoor / outdoor applications  
3 power input options are available:  
2 lines / 3 lines / 4 lines  
DALI / 1-10V / Non-dimmable

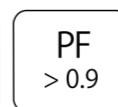
High quality SMD2835 led chips, provide efficacy of up to 170LM/W  
Innovative structure design, achieves an IP65 seamless connection  
3 installation methods are optional:  
ceiling / wall / suspended  
Multiple accessories used in combination, makes installation very easy and time saving  
External 5.8G microwave sensor:  
MS01 or MS02, separately installed  
Maximum series connection must be less than 400W  
Operational temperature -20~45°C  
Abnormal protection:  
surge | short circuit | over voltage | over current | over temperature

# GenProof 03 Vapour Proof

The GenProof 03 is specifically designed to allow for installation in series to create long linear lines of light. The GenProof 03 can be surface mounted or suspended. Available in the GenProof 03 is the 5.8G microwave sensor, emergency and DALI / 1-10V / dimming options.



CODE	POWER (W)	LUMEN (LM) 140LM/W	LUMEN (LM) 170LM/W	DIMENSIONS (MM)
TP0607N/15**003	15	2,100	2,550	600*68*78
TP0607N/20**003	20	2,800	3,400	600*68*78
TP1207N/20**003	20	2,800	3,400	1,200*68*78
TP1207N/33**003	33	4,620	5,610	1,200*68*78
TP1207N/40**003	40	5,600	6,800	1,200*68*78
TP1507N/40**003	40	5,600	6,800	1,500*68*78
TP1507N/45**003	45	6,300	7,650	1,500*68*78
TP1507N/50**003	50	7,000	8,500	1,500*68*78
TP1807N/55**003	55	7,700	9,350	1,800*68*78
TP1807N/60**003	60	8,400	10,200	1,800*68*78

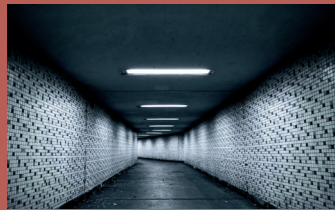
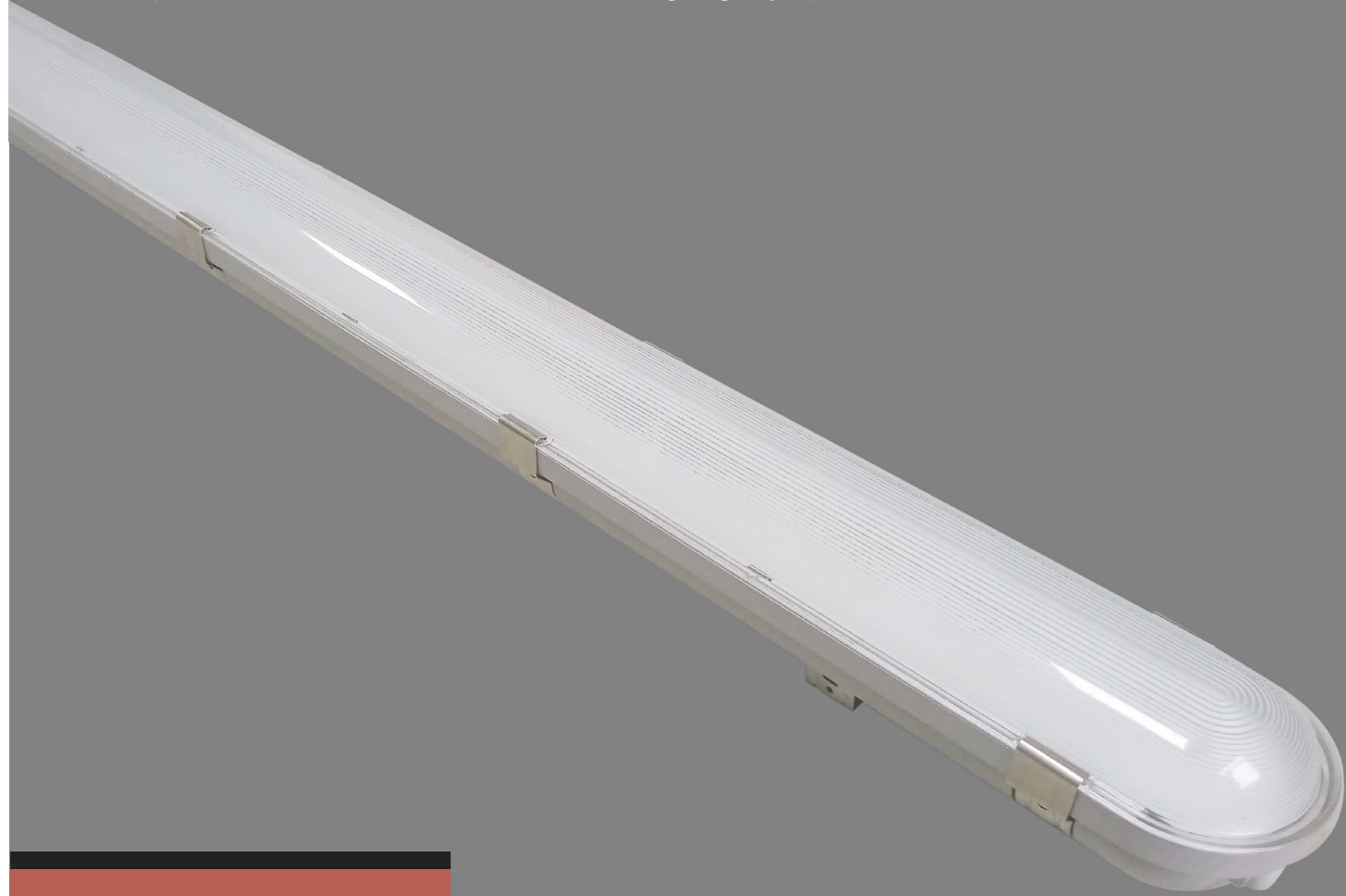


# GenProof 04 Vapour Proof

The GenProof 04 is a traditional vapour proof linear batten with an impact-resistant polycarbonate casing (IK10). Manufactured with high-quality stainless steel clips, the GenProof 04 is suitable for a wide range of applications.

Available with internal emergency and PIR sensors as options.

The GenProof 04 has the additional technology of double line LED strips that are controlled with a dip switch to ensure ease of maintenance and fitting longevity (optional).



Applications  
 Basement parking  
 Tunnels  
 Wash bays  
 Workshops  
 Cold storage

Surface/ suspended mounted linear batten  
 140° beam angle  
 IP66 & IK10  
 End caps: made of shockproof poly carbonate (PC)  
 Extruded PC opal diffuser with inner prism for uniform light output  
 High lumen efficiency; 130lm/w  
 Available in 170lm/w  
 Stainless steel buckle can be adjusted to self-locking anti-theft

Internal emergency and PIR sensors optional  
 UV resistant  
 Life Hours: >50,000  
 Size Options:  
 700mm, 1,200mm, 1,500mm  
 CCT: 3000K/ 4000K/ 5000K/5700K

# GenProof 04 Vapour Proof

Innovation meets tradition in the GenProof 04 vapour proof batten. The GenProof 04 is fitted with a double row LED's controlled by a dip switch to provide ease of maintenance and fitting longevity. PIR and emergency options are available.

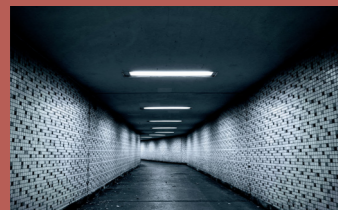


CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)
TP0603N/10**004	10	1,300	600*95*80
TP0603N/15**004	15	1,950	600*95*80
TP0603N/20**004	20	2,600	600*95*80
TP1203N/20**004	20	2,600	1,200*95*80
TP1203N/30**004	30	3,900	1,200*95*80
TP1203N/40**004	40	5,200	1,200*95*80
TP1503N/40**004	40	5,200	1,500*95*80
TP1503N/50**004	50	6,500	1,500*95*80
TP1503N/60**004	60	7,800	1,500*95*80



# GenProof 11 TriProof

The GenProof 11 is a high quality and durable water-proof, dust-proof and corrosion-proof LED triproof batten. It can be used in a wide variety of industrial and commercial applications. Robust and versatile the GenProof 11 offers a high degree protection and high lumen efficiency of up to (150-160lm/W). No exposed screws and smooth PC cover ensures ease of maintenance. Aluminium 6063 heat sink for effective heat dissipation. Versatility through optional intelligent controls, including daylight harvesting, microwave sensor, PIR sensor, DALI, Zigbee control & emergency.



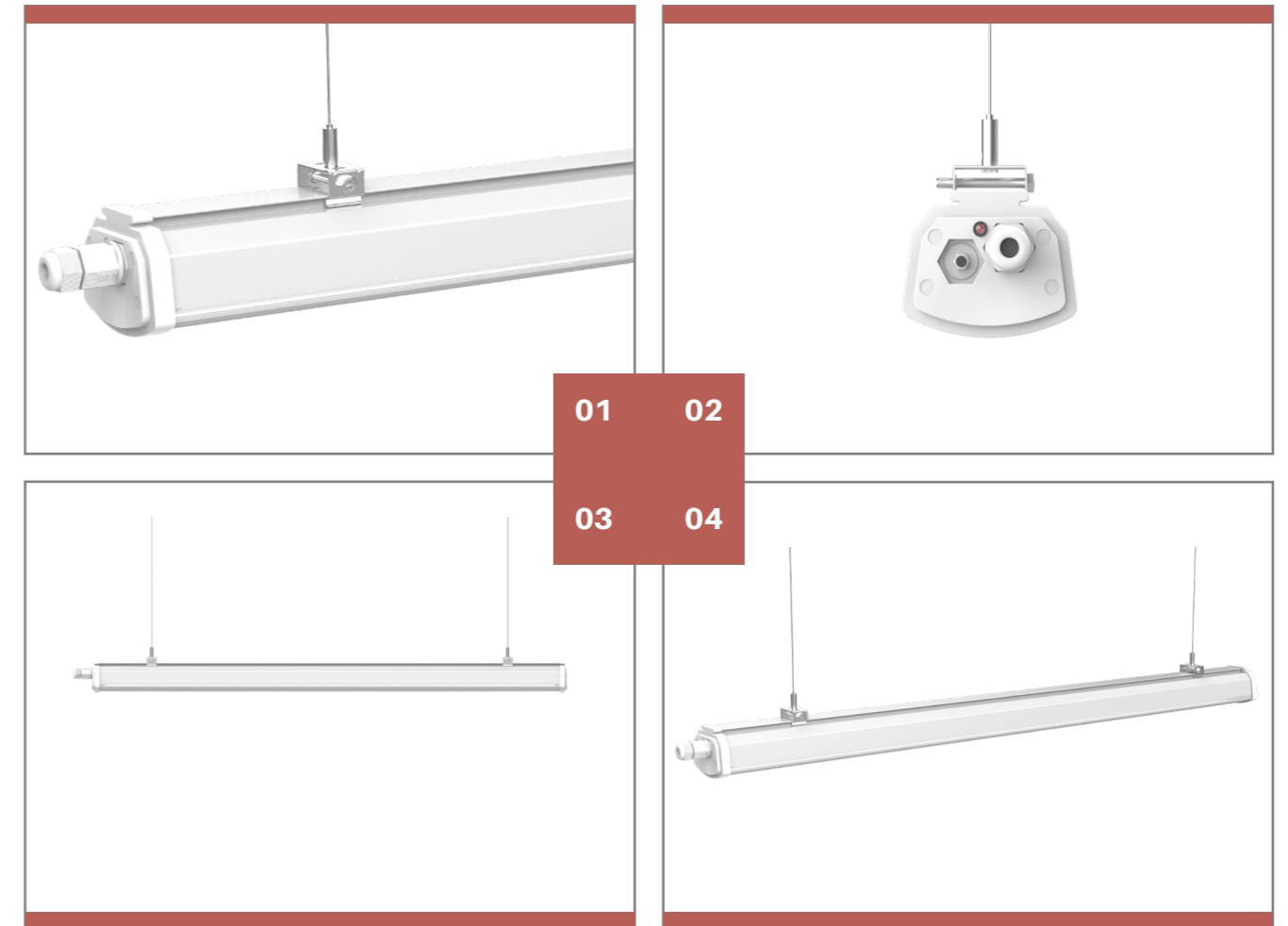
Applications  
 Basement parking  
 Tunnels  
 Wash bays  
 Workshops  
 Cold storage

600mm: 20W-30W;  
 1200mm: 40W-50W;  
 1500mm: 60W-80W  
 130lm/w or 150lm/w  
 IP65 & IK08  
 Easy access to terminal blocks  
 ensure fast and flexible  
 installation  
 Aluminium 6063 heat sink

Linkable option,  
 Maximum 10-12  
 fittings per daisy-chain  
 0-10V/ PIR / microwave sensor /  
 Zigbee / DALI / emergency  
 functions are available  
 Beam Angle: 120°

# GenProof 11 TriProof

The GenProof 11 is a high end triproof fitting with high lumen output of 130lm/W or 150lm/W. The external PIR / microwave plug and play sensor that can be mounted at 15m height, provides the perfect solution for high mounting areas.

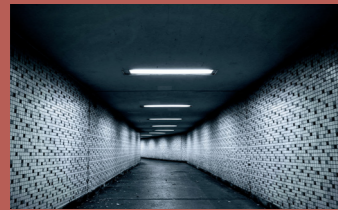
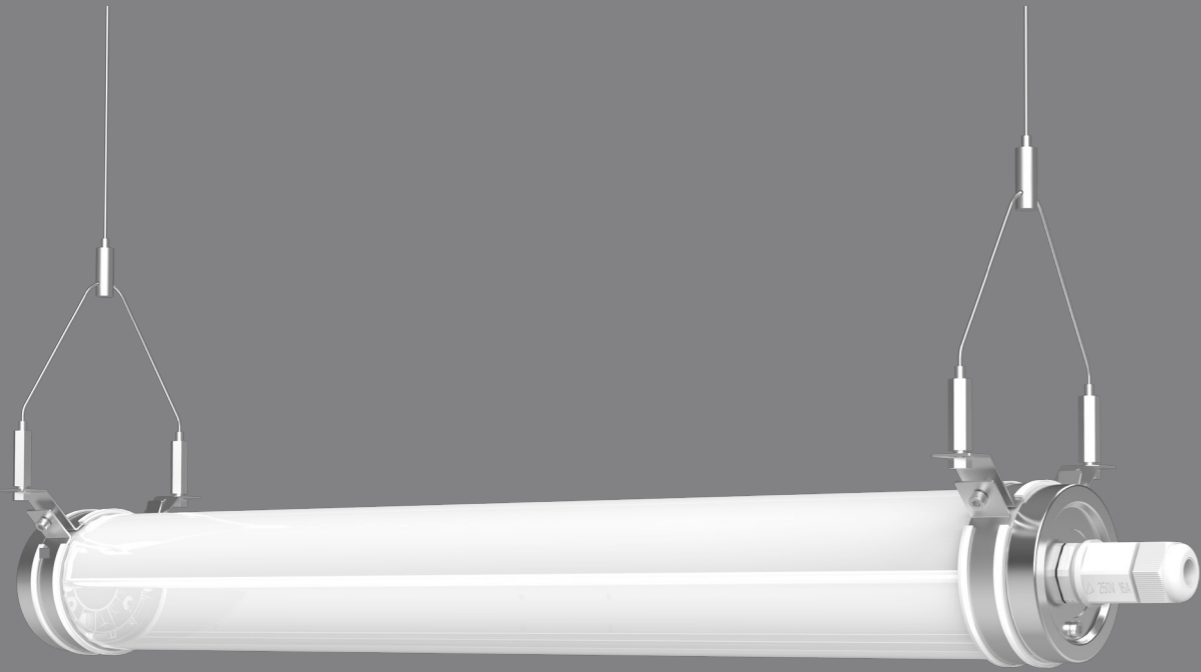


CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)
TP0605*/40**011	40	6,000	694*97*89
TP1205*/60**011	60	9,000	1,247*97*89
TP1505*/80**011	80	12,800	1,458*97*89



# GenProof 13 Tubular Light

The GenProof 13 is an innovative LED tubular light which can be used in a wide variety of applications where a highly robust chemical resistant fitting is required and that can withstand pressure cleaning. Be it aviaries, animal farms, swimming pools (Chlorine gas), chemical factories, offices or in the food industry the GenProof 13 is a perfect solution.



## Applications

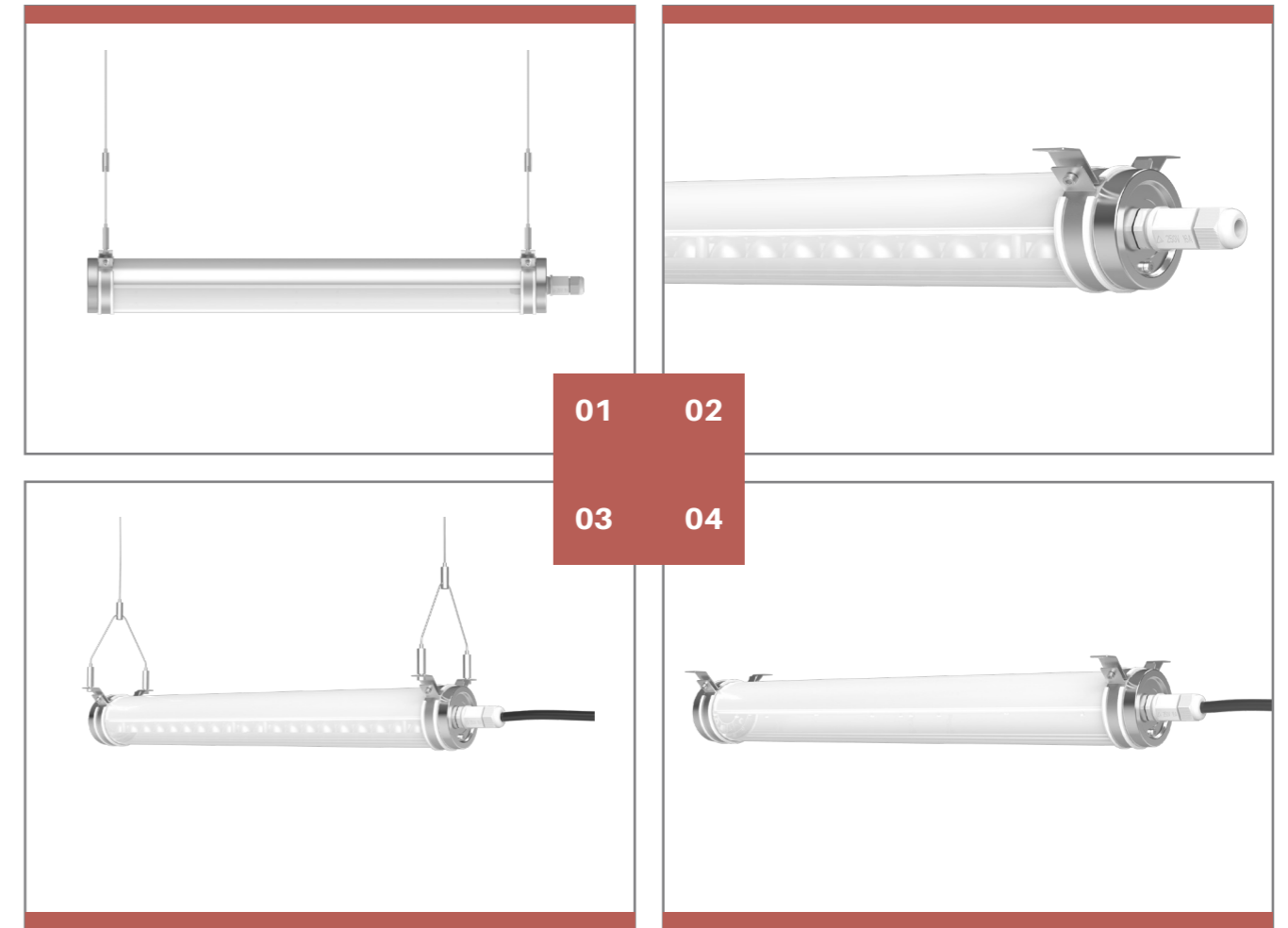
- Farms
- Swimming pools
- Abattoir
- Chemical factories
- Workshops
- Cold storage
- Laboratories

Material: alu alloy + stainless steel + poly carbonate optical diffuser  
 Frosted PC housing (standard)  
 Clear PC housing or micro diffuser (optional)  
 UGR<16  
 High Impact IK10  
 IP69K for harsh environments  
 Linkable (optional)  
 Screws and encaps are 316 stainless steel  
 Suspension cables are 304 stainless steel

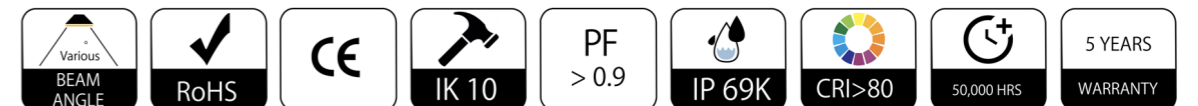
Type A: Frosted PMMA housing  
 Type B: Honeycomb diffuser (UGR<19) clear PMMA / PC housing  
 130lm/w (150lm/w optional)  
 6,00mm: 20W-30W  
 1,200mm: 40W-50W  
 1,500mm: 60W-80W  
 CCT optional

# GenProof 13 Tubular Light

The GenProof 13 tubular light is IP66 and IP69K, against water pressure of 100 bar(1450psi) and temperature of 80°C, making this fitting suitable for harsh environments.



CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)	BEAM ANGLE
TP0603*/20**13A	20	2,600	120*84*600	120°
TP1103*/40**13A	40	5,200	120*84*1,128	120°
TP1403*/50**13A	50	6,500	120*84*1,390	120°
TP0603*/20**13B	20	2,600	120*84*600	60°/90°
TP1103*/40**13B	40	5,200	120*84*1,128	60°/90°
TP1403N/50**13B	50	6,500	120*84*1,390	60°/90°



# GenProof 18 TriProof

The GenProof 18 is a high quality LED triproof with high luminous efficacy (115lm/w.) A compact, robust housing structure (IK10 & IP66), ensures fitting longevity. Linkable, dimmable, with motion sensor and emergency options facilitates flexible installation for use in wider applications. Extruded PC opal diffuser with inner prisms and UV resistant, provide homogenous light distribution and upwards light distribution for ceiling illumination. Surface or suspended, the GenProof 18 is available in 3 size options, an ideal replacement for traditional fluorescent battens.



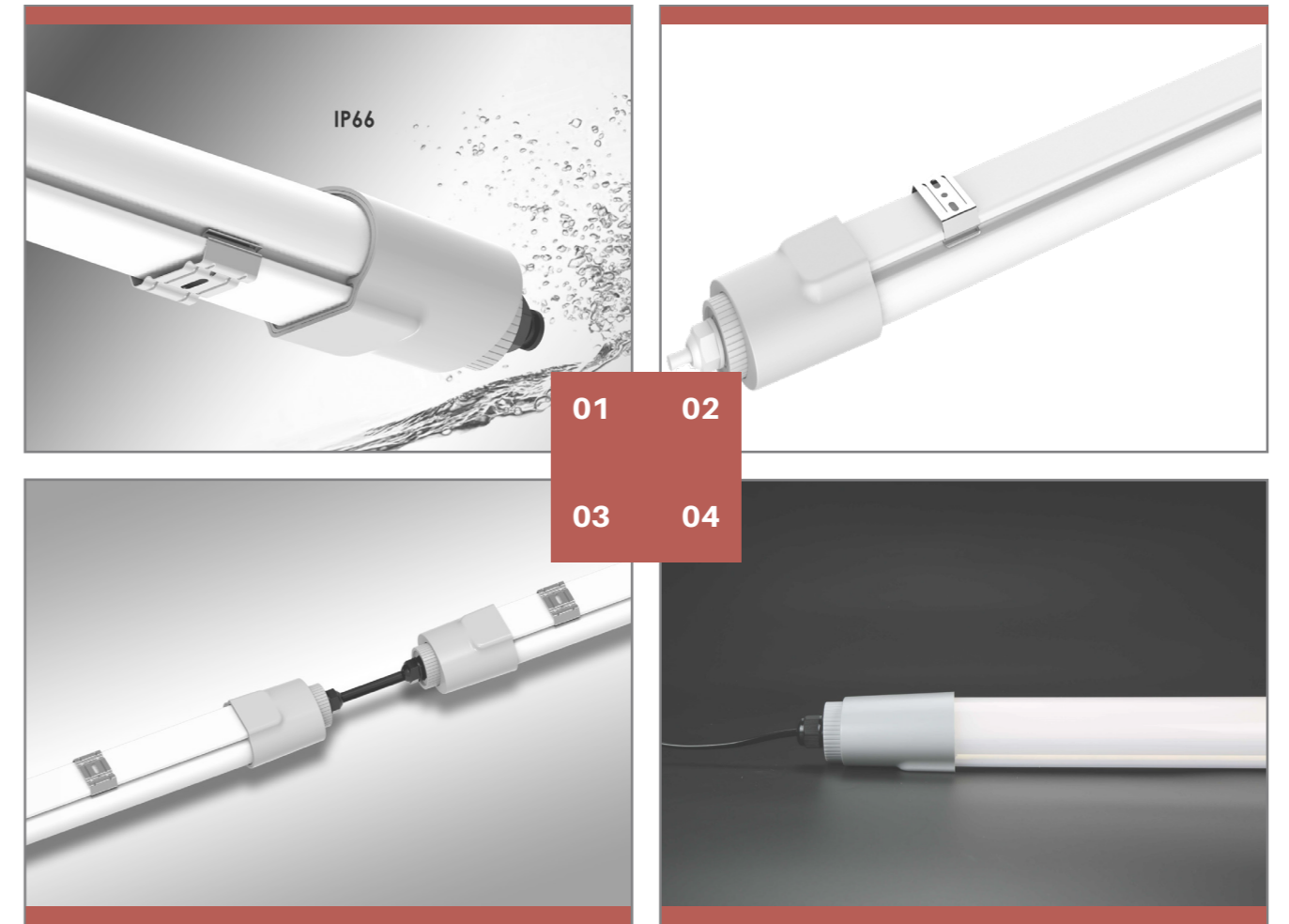
Applications  
 Basement parking  
 Tunnels  
 Wash bays  
 Workshops  
 Cold storage

Surface / suspended  
 Beam Angle 140°  
 IP66  
 End caps: made of shockproof polycarbonate (PC)  
 Extruded PC opal diffuser with inner prism  
 UV resistant

Life Hours: 50,000 hours @L80/B10 25°C  
 700mm, 1,300mm, 1,600mm options  
 High Impact IK10  
 CCT: 3000K/ 4000K/ 5000K/5700K

## GenProof 18 TriProof

The GenProof 18 is a high quality LED batten with high luminous efficacy of 115lm/w. With a reliable and robust housing structure (IK10 & IP66), the GenProof 18 triproof batten is ideal for commercial and industrial applications.

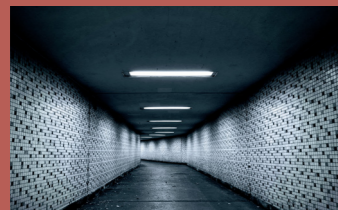


CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)
TP070N/20**018	20	2,100 ~ 2,300	700*78*53
TP130N/25**018	25	2,700 ~ 3,050	1,300*78*53
TP130N/30**018	30	3,090 ~ 3,450	1,300*78*53
TP130N/40**018	40	4,200 ~ 4,680	1,300*78*53
TP160N/40**018	40	4,080 ~ 4,800	1,600*78*53
TP160N/50**018	50	5,400 ~ 6,000	1,600*78*53



# GenProof 68 TriProof

The GenProof 68 is a high quality LED batten with a high luminous efficacy of 115lm/W, built with a reliable and robust housing structure (IK10 & IP66) and a wide beam angle. The GenProof 68 is perfect for a wide variety of industrial and commercial applications. GenProof 68 has an extruded PC opal diffuser with inner prism and UV resistant, providing a homogenous light distribution.



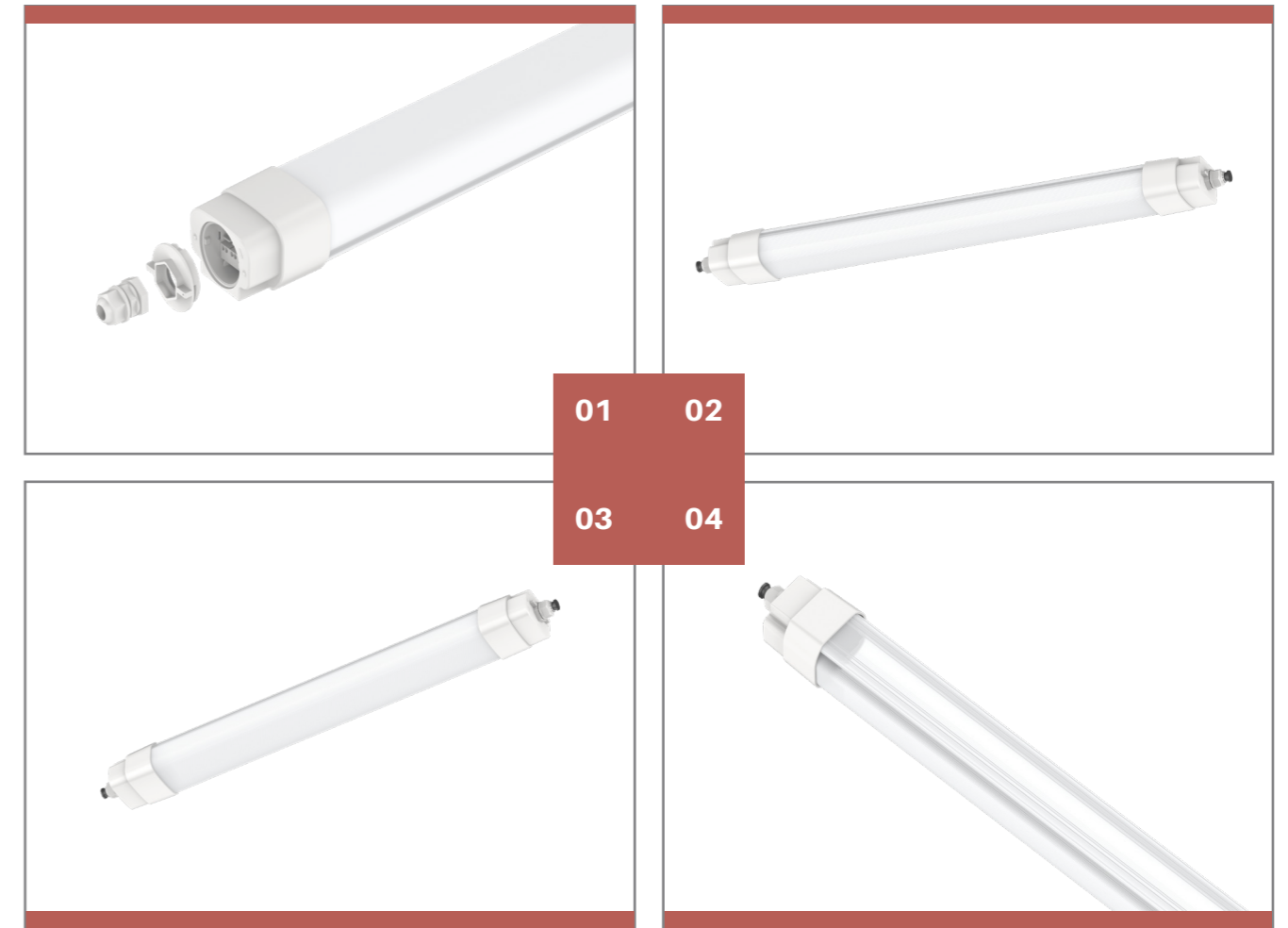
Applications  
 Basement parking  
 Tunnels  
 Wash bays  
 Workshops  
 Cold storage

Surface/ suspended mounted  
 linear batten  
 140° beam angle  
 IP66 & Ik10  
 End caps: made of shockproof  
 poly carbonate (PC)  
 Extruded PC opal diffuser with inner prism for  
 uniform light output

UV resistant  
 Life Hours: 50,000  
 Size options  
 700mm, 1.300mm, 1.600mm  
 CCT: 3000K/ 4000K/ 5000K/5700K

# GenProof 68 TriProof

The GenProof 68 LED batten has a compact design and suitable for both indoor and outdoor applications. The GenProof 68 has both linkable and non linkable options.



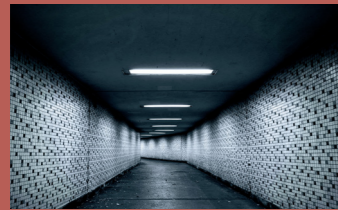
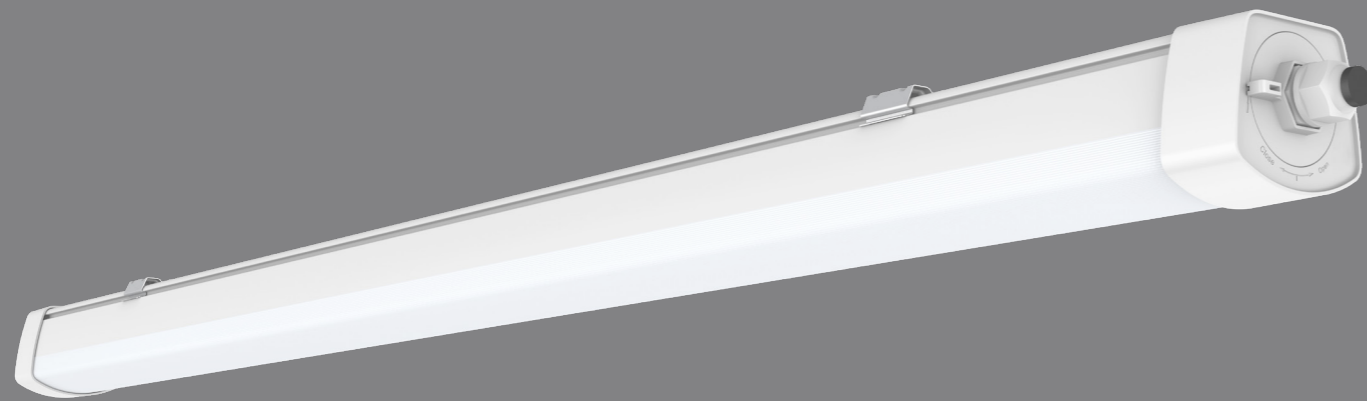
01 02  
 03 04

CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)
TP070N/20**068	20	2,100 ~ 2,300	700*78 *58
TP130N/40**068	40	4,320 ~ 4,680	1,300*78*58
TP160N/50**068	50	5,650 ~ 6,000	1,600*78*58



# GenProof 145 TriProof

The GenProof 145 is a high quality, high wattage, high lumen output LED triproof fitting with a wide variety of options including: Daylight sensor, occupancy sensor, maintainable emergency battery, CCT changing, anti-theft cap and splicing. The GenProof 145 triproof is an ideal solution where high lumen output is required.



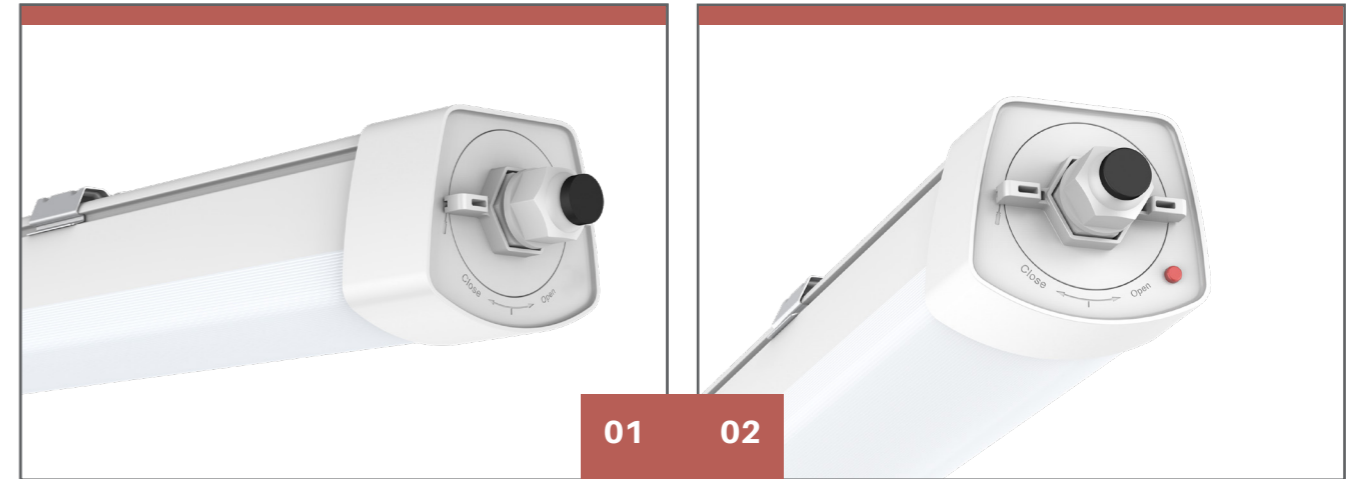
Applications  
Schools  
Halls  
Workshops  
Cold rooms  
Warehouses  
Parking areas

Surface/ suspended mounted linear batten  
120° beam angle  
IP65 & IK08  
End caps: made of shockproof polycarbonate (PC)  
Extruded PC opal diffuser with inner prism for uniform light output

UV resistant  
Life Hours: 50,000  
Size Options  
1,200mm, 1,500mm, 1,800mm  
CCT: 3000K/ 4000K/ 5000K/5700K

# GenProof 145 TriProof

The GenProof 145 is a high quality LED triproof fitting with high luminous efficacy of 150lm/w. It has a reliable and robust housing structure (IK08 & IP65), which maximizes the endurance and contributes to its long lifetime. With its various installation accessories, it can be installed as a surface mount, pendant or spliced.



Compact design, suitable for both indoor and outdoor applications  
IP65 waterproof, IK08 impact protection  
Lifespan: 50,000 hours  
End caps: made of shockproof polycarbonate (PC)  
Flexible installation through the use of a sliding mounting bracket  
Splicing, sensor, emergency and interchangeable CCT are available as options  
Tool free mains cable installation on both sides through twist lock fastener cover on both sides

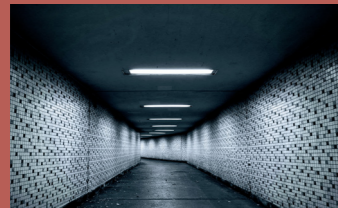
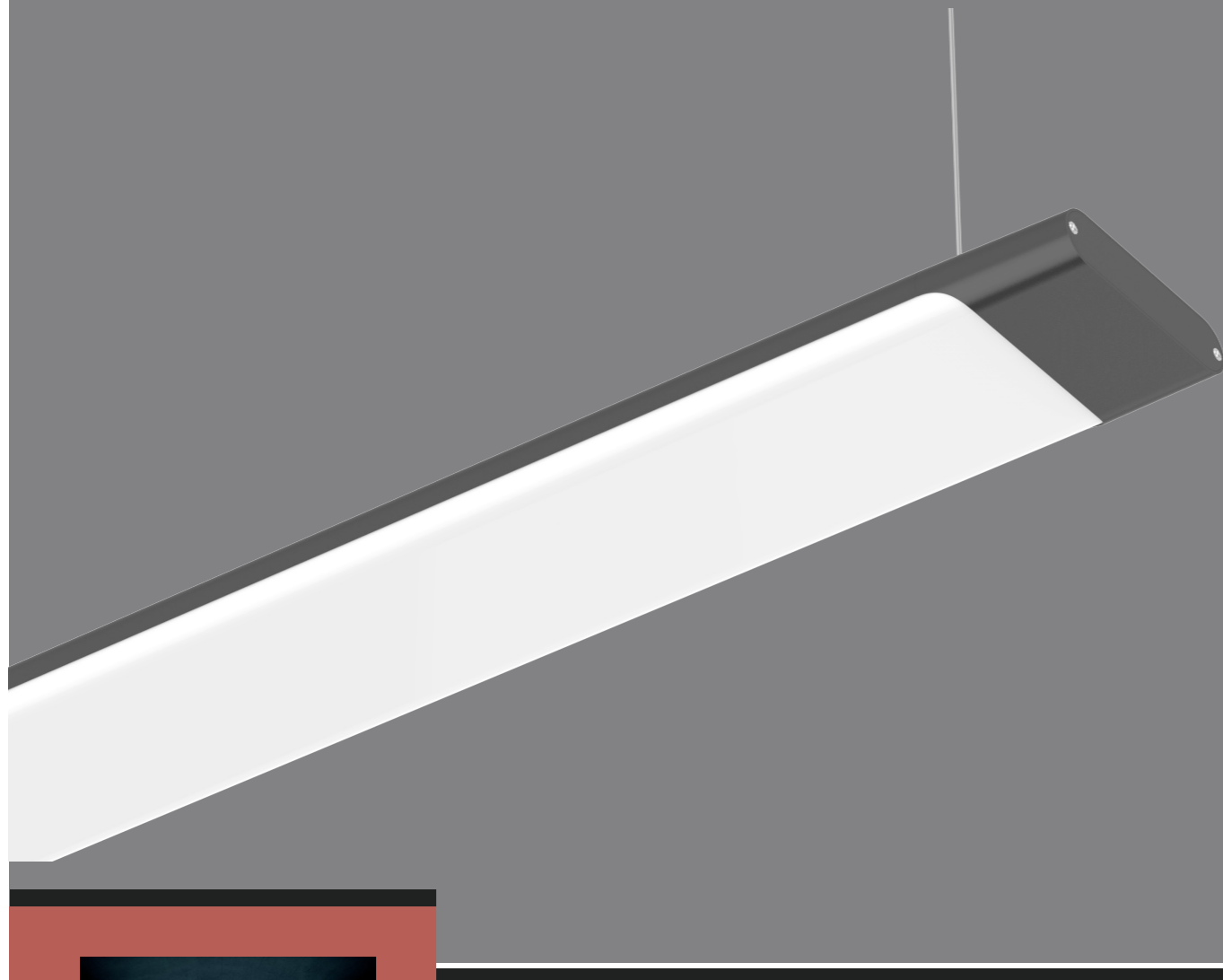
CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)
TP120N/38**145	38	5,200 ~ 5,600	1,200*77*69
TP150N/52**145	52	7,500 ~ 7,900	1,500*77*69
TP150N/68**145	68	9,200 ~ 9,800	1,500*77*69
TP180N/68**145	68	9,200 ~ 9,800	1,800*78*58





# Vesta 05 Linear Batten

The Vesta 05 LED linear batten, surface or suspended series is a perfect solution for flat recessed installations. The fittings can be linked seamlessly providing an elegant, sophisticated lighting solution for the most creative designer.



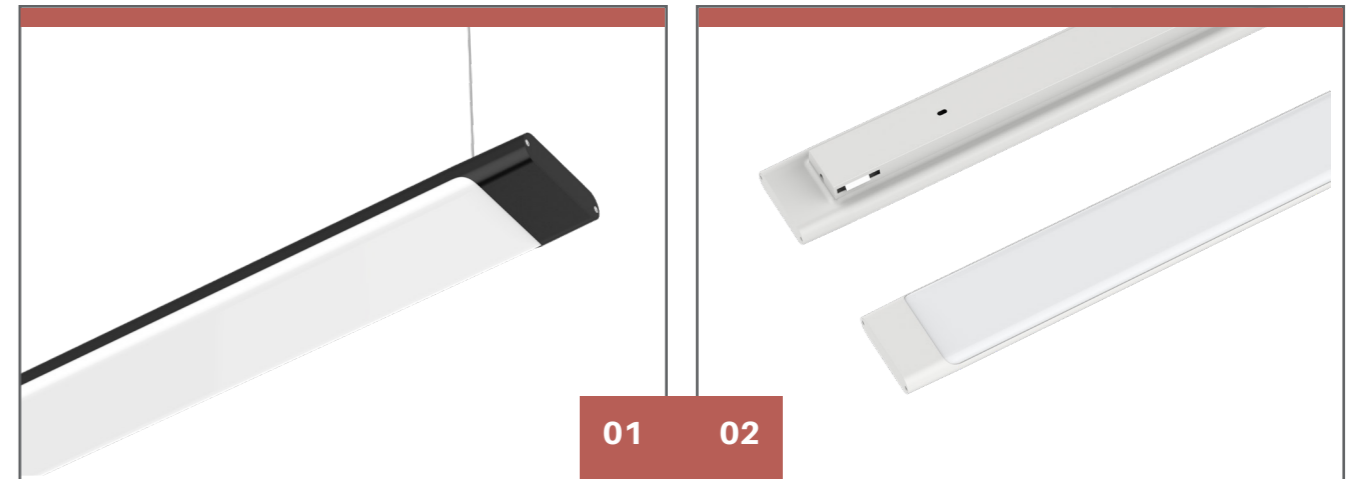
Linear surface mounted batten  
120° beam angle  
IP20  
Life Hours: 40,000

Material: PC & Aluminium  
600mm, 1,200mm, 1,500mm options  
CCT: 3000K, 4000K, 5000K, 5700K

Applications  
Schools  
Halls  
Workshops

## Vesta 05 Linear Batten

The Vesta 05 linear batten provides elegance and functionality for offices, meeting rooms, schools and other commercial and residential applications. The Vesta 05 can be surface mounted or suspended, and has the added benefit of linking if required.



Surface or suspended linear batten  
Length options:  
600mm, 900mm, 1200mm  
Ingress Protection: IP20  
CCT: 3000K, 4000K, 5000K, 5700K

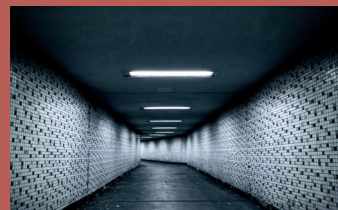
Dimmable option: Triac  
Beam Angle: 120°  
Linkable

CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)
LB060N/20**05A	20	1,600 ~ 1,710	600*90*28
LB090N/30**05A	30	2,600 ~ 2,630	900*90*28
LB120N/40**05A	40	3,450 ~ 3,500	1,200*90*28
LB060N/20**05B	20	1,600 ~ 1,710	600*90*28
LB090N/30**05B	30	2,600 ~ 2,630	900*90*28
LB120N/40**05B	40	3,450 ~ 3,500	1,200*90*28



# Vesta 08 Linear Batten

The Vesta 08 linear batten is where simplicity, efficiency, superior capabilities and cost savings meet. With 100lm/W, the Vesta 08 is a sought after choice for retrofit applications especially where fluorescent fittings were used.



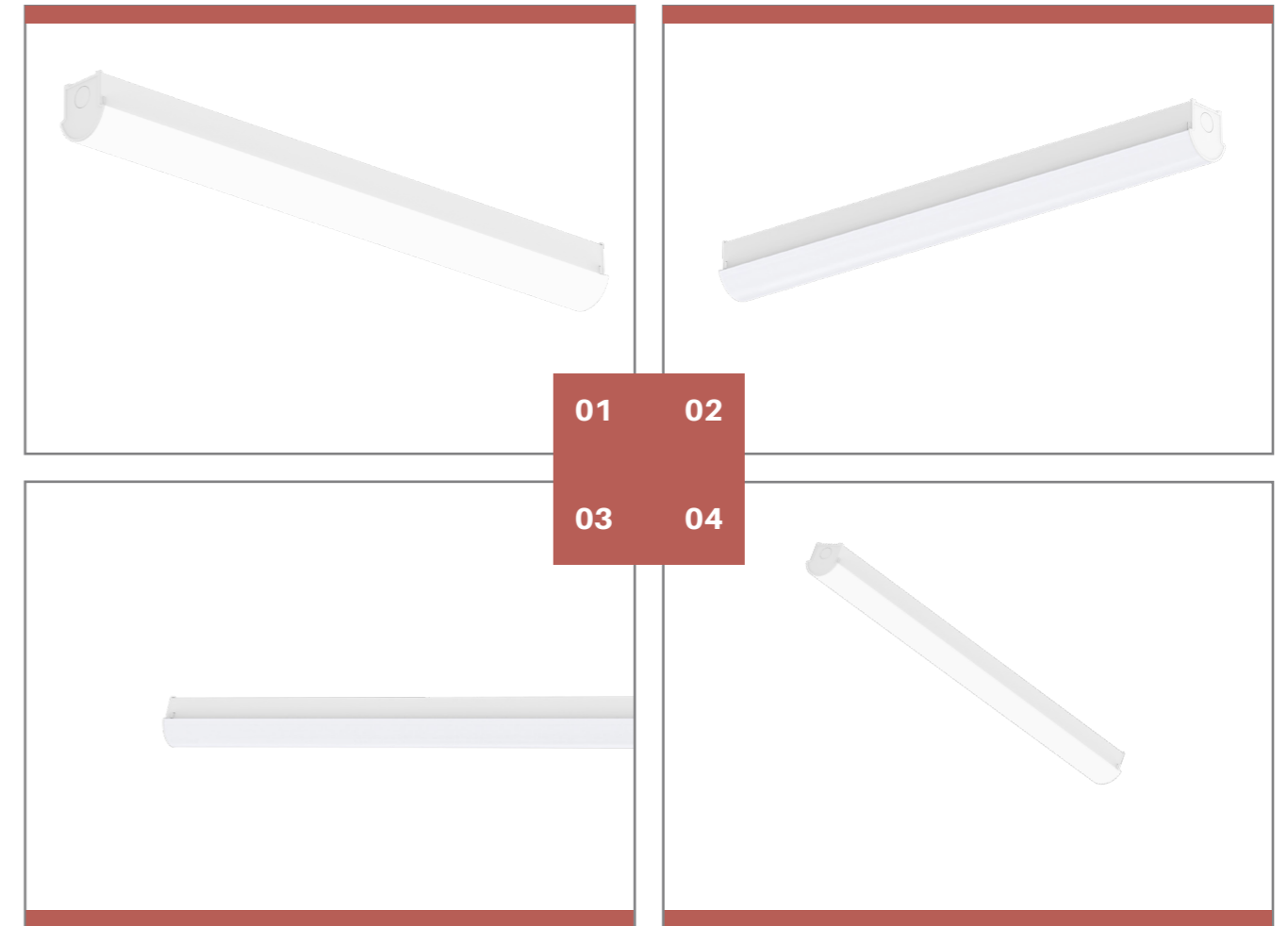
Applications  
Schools  
Halls  
Workshops

Linear surface mounted batten  
120° beam angle  
IP20  
Life Hours: 40,000

Material: PC & aluminium  
600mm, 1,200mm, 1,500mm options  
CCT: 3000K, 4000K, 5000K, 5700K

## Vesta 08 Linear Batten

The Vesta 08 linear batten is available in three sizes, 600mm, 1,200mm, 1,500mm. The Vesta 08 linear batten is a perfect and an efficient alternative to conventional fluorescent tube fittings.

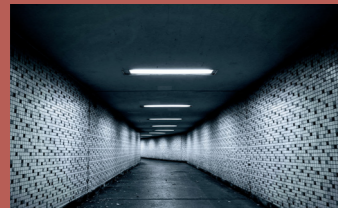


CODE	POWER(W)	LUMEN(LM)	DIMENSIONS (MM)
LB060N/20*008	20	1,920 ~ 2,060	625*58*58
LB120N/40*008	40	3,760 ~ 3,960	1,225*58*58
LB150N/45*008	45	4,460 ~ 4,860	1,525*58*58



# Vesta 49 Linear Batten

The Vesta 49 linear batten is a super slim batten perfect for use in kitchens or garages. The 120° beam angle provides a wide harmonious light spread. The Vesta 49 can be supplied with CCT changing options.



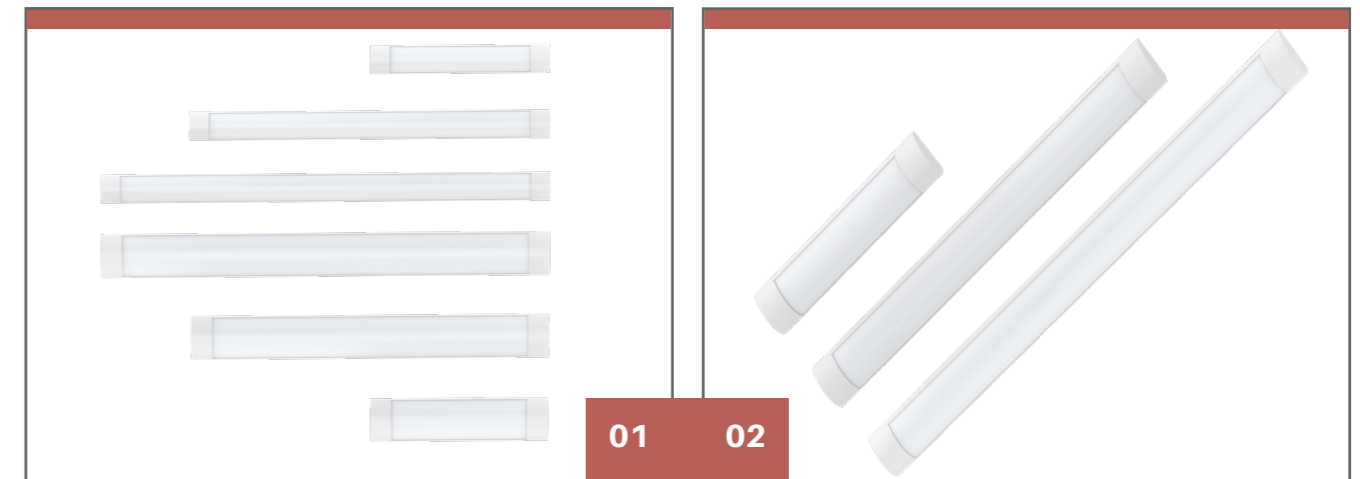
Applications  
Schools  
Halls  
Workshops

Linear surface mounted batten  
120° beam angle  
IP20  
Life Hours: 50,000

Material: PC & Aluminium  
600mm, 1,200mm, 1,500mm options  
CCT: 3000K, 4000K, 5000K, 5700K

# Vesta 49 Linear Batten

The Vesta 49 is a slim design linear batten with length options of 600mm, 900mm, 1,200mm or 1,500mm. It is manufactured with high grade polycarbonate diffuser and aluminium housing to ensure uniform light output and excellent heat dissipation.



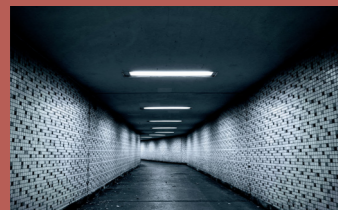
Linear surface mounted batten  
120° beam angle  
IP20  
Life Hours: 50,000  
Material: PC & Aluminium  
CCT: 3000K, 4000K, 5000K, 5700K

CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)
LB060N/20**49A	20	1,900 ~ 2,200	600*80*34
LB090N/30**49A	30	2,800 ~ 3,300	900*80*34
LB120N/35**49A	35	3,300 ~ 3,800	1,200*80*34
LB150N/40**49A	40	3,600 ~ 4,200	1,500*80*34
LB060N/25**49B	25	2,300 ~ 2,700	600*124*42
LB090N/35**49B	35	3,500 ~ 4,100	900*124*42
LB120N/45**49B	45	4,600 ~ 5,300	1,200*124*42
LB150N/50**49B	50	4,800 ~ 5,300	1,500*124*42



# Vesta 76 Linear Batten

The Vesta 76 LED linear batten surface or suspended series is a perfect solution for flat recessed installations. The design of the batten has a simple construction and superior capability. The opaque PC diffuser achieves anti glare and high light transmittance. Optional microwave sensor & 3 hour emergency providing smart control and additional energy savings.



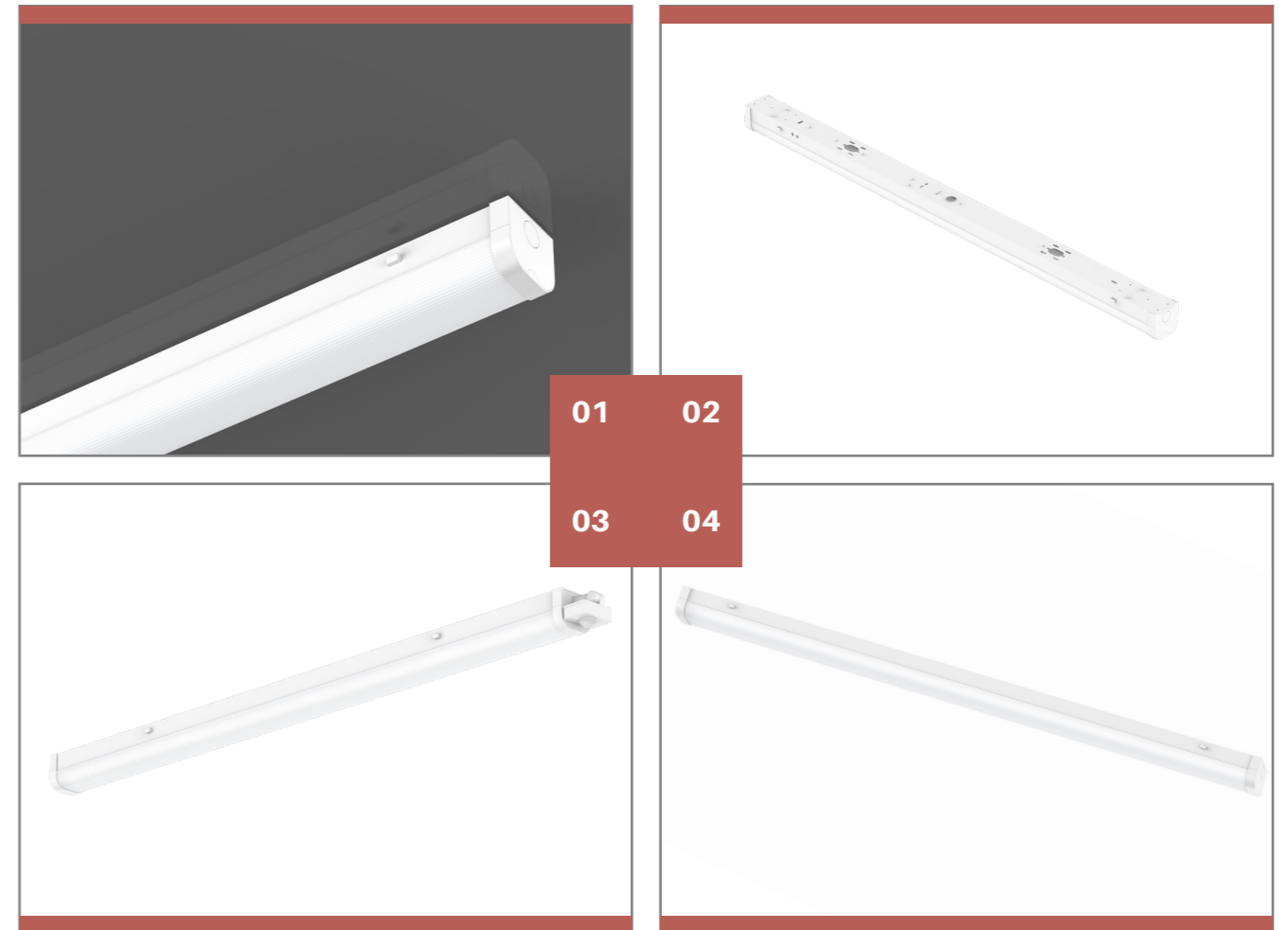
Applications  
Schools  
Halls  
Workshops

Linear surface mounted batten  
120° beam angle  
IP20  
Life Hours: 50,000  
Loop-in and Loop-out function  
4 fast buttons in bracket for fast disassembly  
High lumen efficiency, 110lm/w  
Interchangeable CCT (3000/4000/5700k) with slide switch

IK08 impact protection  
Emergency optional. (Not including 600mm)  
Material: PC & Aluminium  
600mm, 1,200mm, 1,500mm and 1,800mm options

# Vesta 76 Linear Batten

The Vesta 76 linear batten is available in four sizes, 600mm, 1,200mm, 1,500mm and 1,800mm. The Vesta 76 linear batten is a perfect and efficient alternative to conventional fluorescent tube fittings.



CODE	POWER(W)	LUMEN(LM)	DIMENSIONS (MM)
LB060N/20*076	20	1,840 ~ 2,040	603*71*64
LB120N/40*076	40	4,000 ~ 4,400	1,203*71*64
LB150N/50*076	50	4,800 ~ 5,400	1,503*71*64
LB150N/58*076	58	5,200 ~ 5,850	1,503*71*64
LB180N/58*076	58	5,700 ~ 6,300	1,803*71*64
LB180N/72*076	72	6,700 ~ 7,500	1,803*71*64

