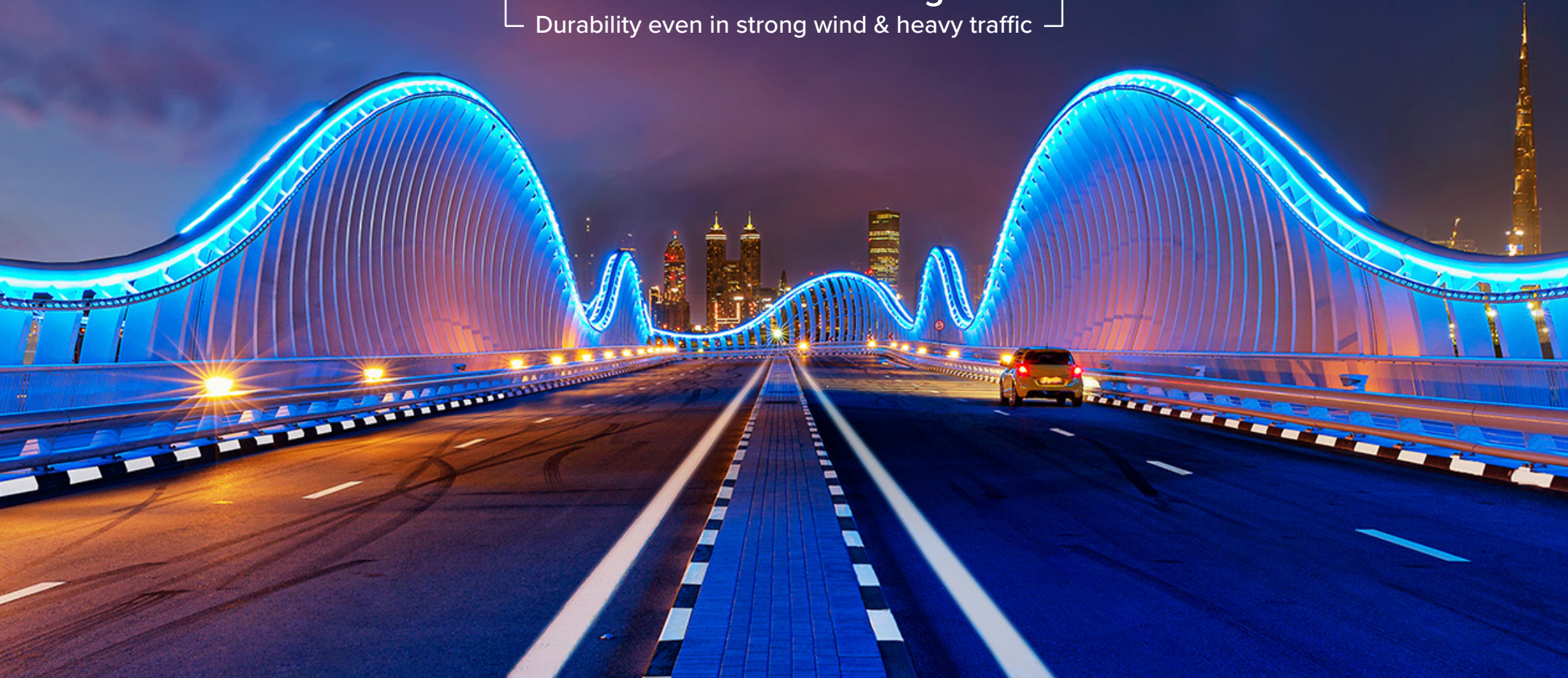


Risk-free Transportation Lighting

— **3G Vibration Rating** —
Durability even in strong wind & heavy traffic



NEON XTRA

LED NEON produced by Clear Lighting and distributed by Bright Light, is a broad range of silicone encapsulated LED ribbons. NEON is perfect for commercial applications where high-quality lighting is required. Modern LED technology offers a durability that surpasses the traditional glass product, injection moulded connections offer up to IP68 protection, and the silicone casing provides UV and flame resistance while distributing uniform light.

On occasion, a project asks for more – Bright Light proudly introduces **NEON XTRA**, a highly specialised, application specific range of Neon products designed for niche applications.

The Neon Xtra range includes:

- Luxpave™ – In-ground, drive-over luminaire systems
- Transportation Lighting for applications like road bridges
- SafeGlo™ – Hazardous environment applications
- Panoray™ – Freebend, high-powered wall washer luminaires

NEON
XTRA FlexGlo™



TRANSPORTATION LIGHTING SOLUTIONS

Introducing Flexglo™ F2222 and Flexglo™ F2219, our energy-efficient LED Neon flex with a larger emitting surface that seamlessly complements transportation infrastructure.

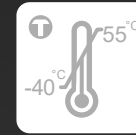
With dynamic programmable colour changing options, Flexglo™ can illuminate a modern city with vitality, creating an iconic nightscape that takes centre stage. Whether it's bridge lighting, metro lighting, or tunnel lighting, Flexglo™ meets your needs for a vibrant and safe urban environment for vehicles and pedestrians.



Wide Illumination



IP68 Protection



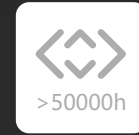
Ambient Working Temperature



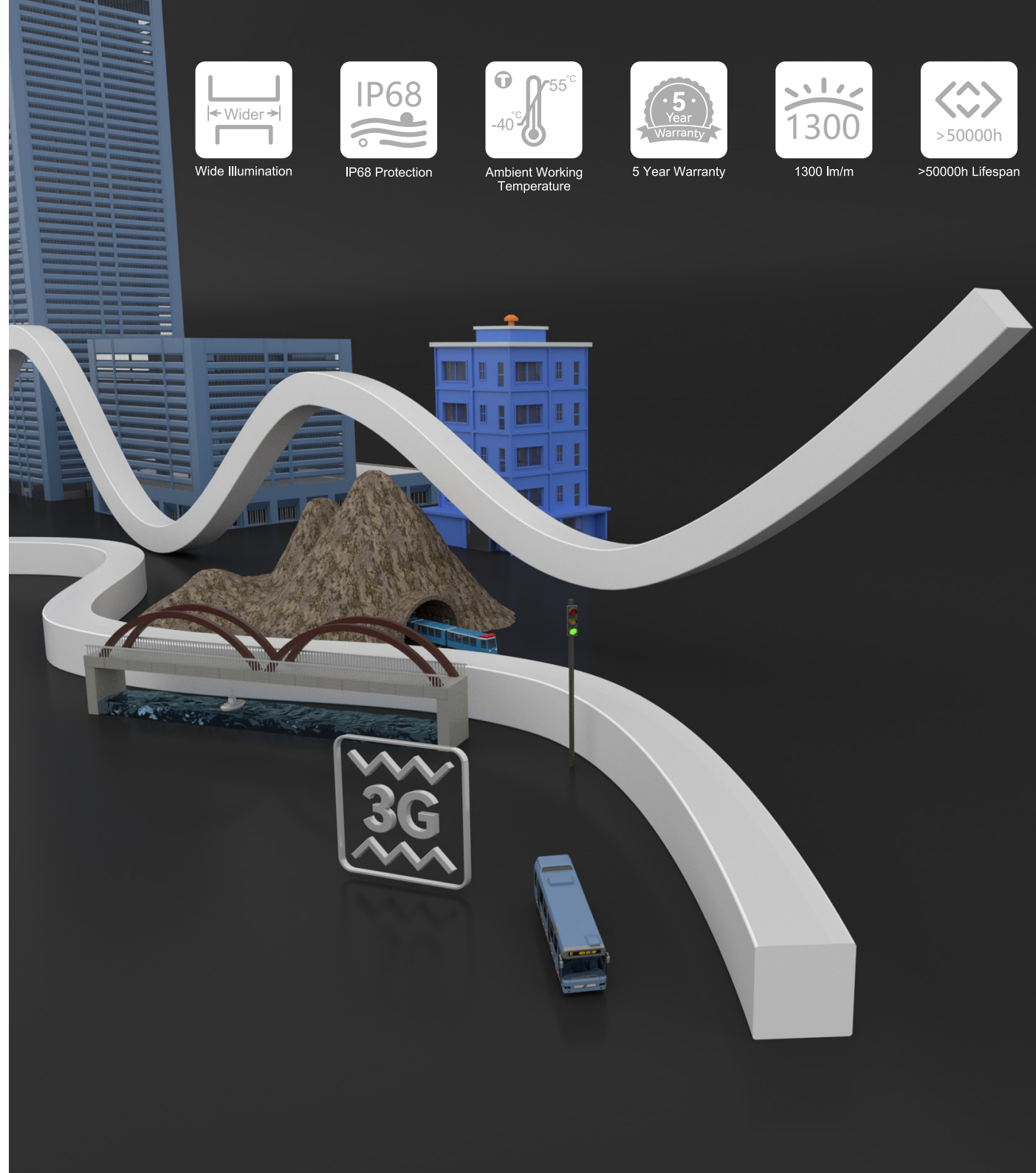
5 Year Warranty



1300 lm/m



>50000h Lifespan



FEATURES

Optics

An even and soft glow from the larger emitting light surface protects drivers & pedestrians from glare, while ensuring a sufficient viewing angle. Neon offers a diverse range of colours or white light, providing excellent options for both decorative and wayfinding illumination.

Application

Flexglo™ has options for bending either horizontally or vertically and its compact size makes it perfect for illuminating anything from large-scale sophisticated structures to highlighting delicate details within limited spaces.

Efficacy & Efficiency

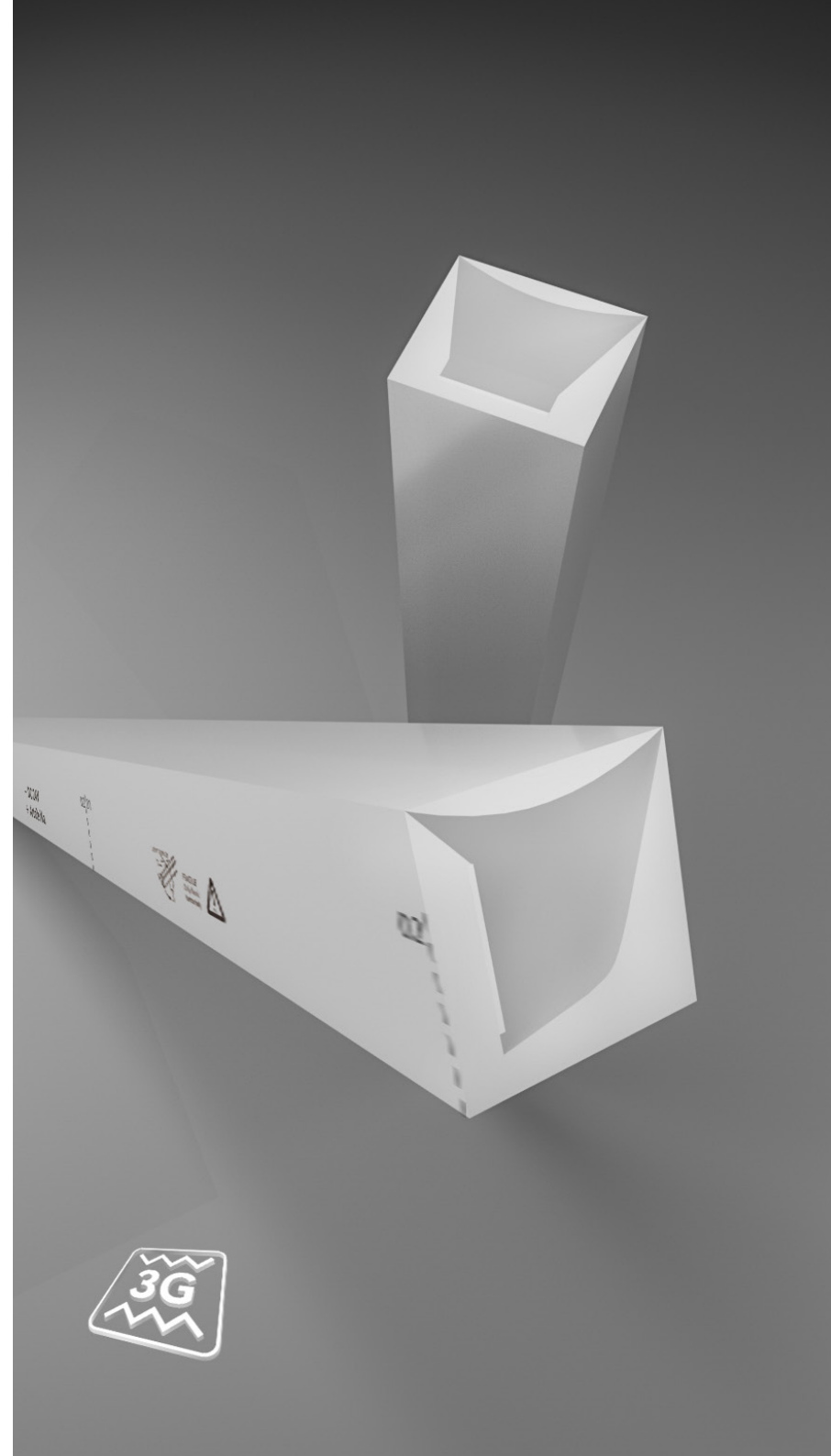
With both energy-saving and dimmable LEDs, this product boasts a luminous efficacy of up to 85lm/w and a lifespan exceeding 50,000 hours.

Robust

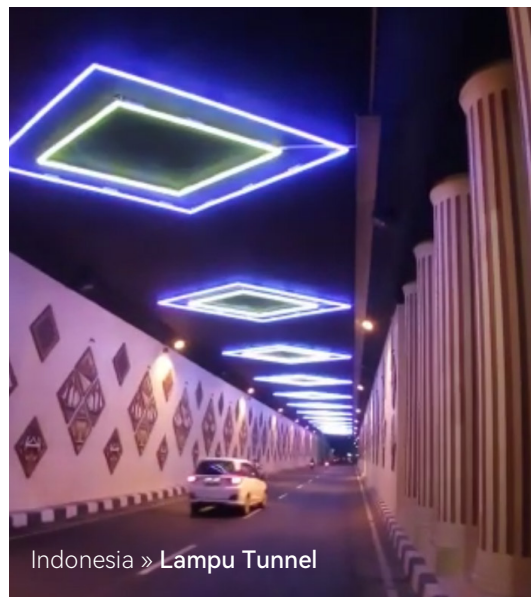
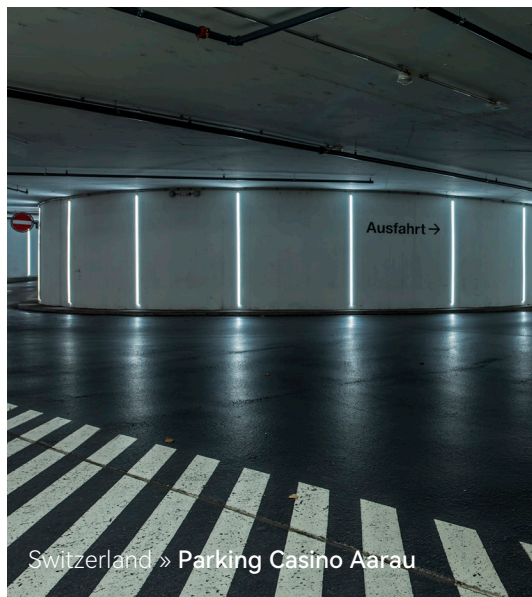
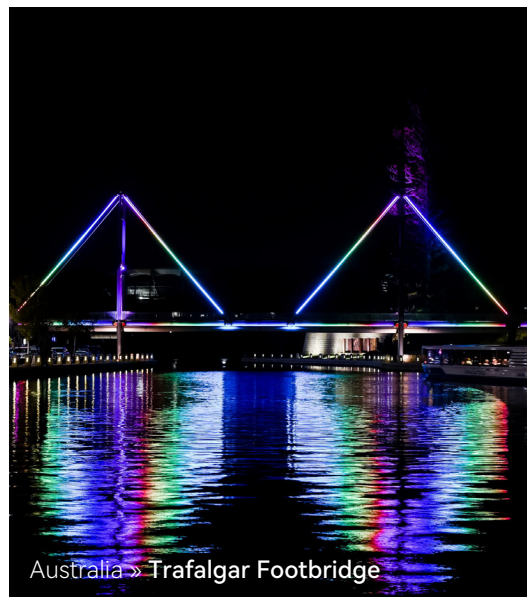
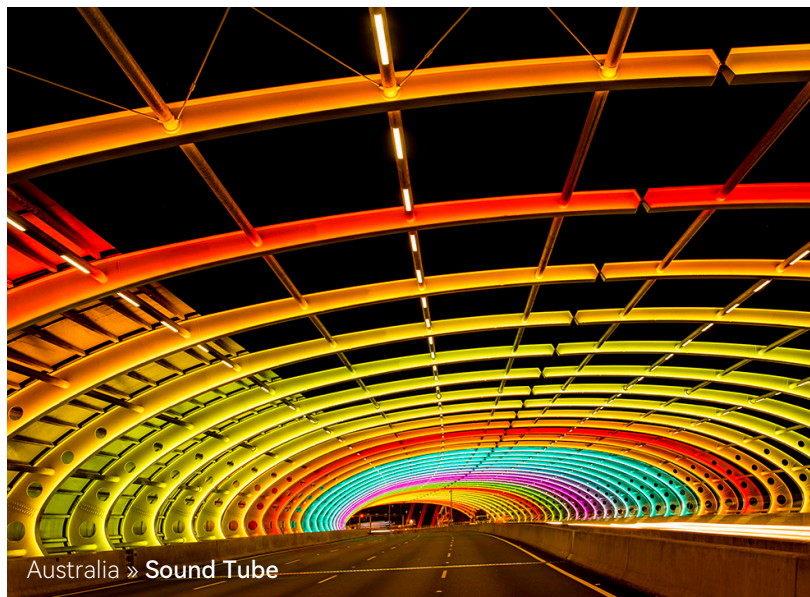
Flexglo™ passes the 3G vibration test outlined by ANSI C136.31. The ClearTech PinBoost™, combined with the solid structure, protects the internal electronic components from the damage caused by harsh climatic conditions.

Weather Tight

The IP68 silicone injection-moulded connectors are crack-free, even under intense UV radiation or severe weather conditions. ClearTech DryWire™ protects the cable from water ingress, ensuring reliability even in challenging outdoor environments.



APPLICATION



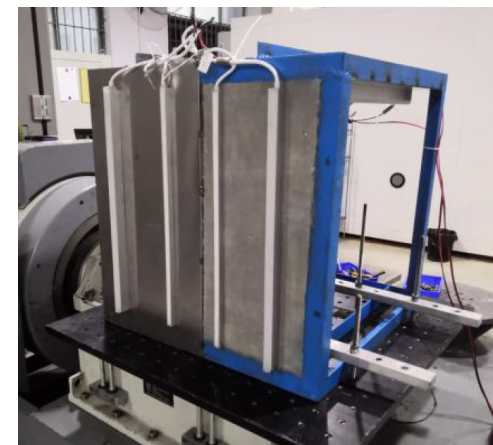
TESTING

Test Standard

ANSI C136.31-2018 Luminaire Vibration Test is the standard that covers the vibration test methods for roadway luminaires and area luminaires and the minimum vibration withstand capability.

The 3G rating of a luminaire means that it can withstand fundamental resonant frequency vibrations, for 100,000 cycles in each plane (x, y, z). The vibration testing simulates the vibration levels that may be induced upon a luminaire by Wind and Traffic vibration transfer from vehicles on roadways, bridges, or overpasses.

After the 3G vibration test, the appearance and structure of the FlexGlo™ luminaire looks normal and has no signs of fatigue cracking or structural failure. The function of the luminaire is normal.



LIGHT

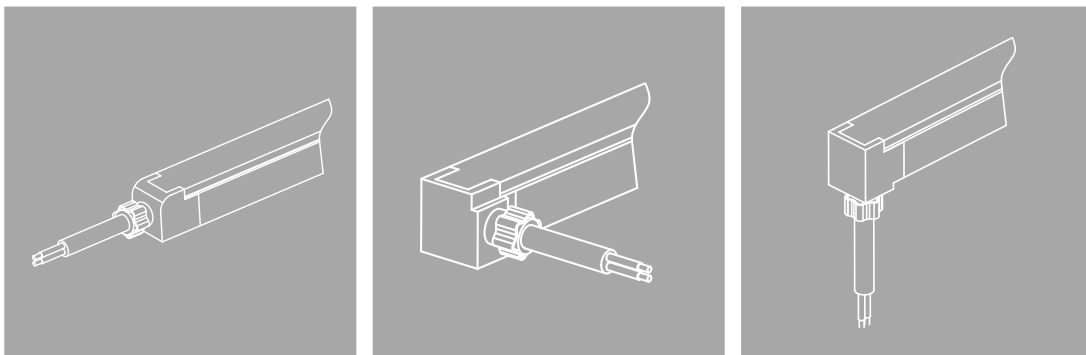
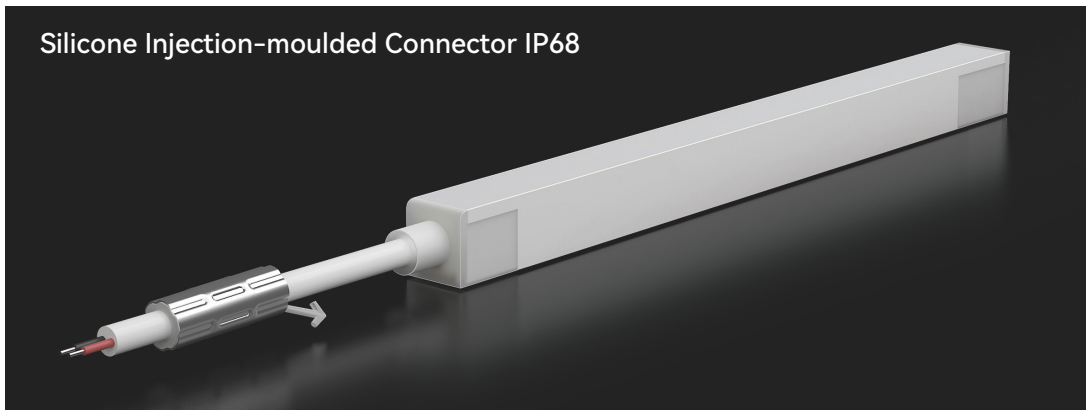
<p>Vertical Bending</p>	Article No.	SFR-F2219B	SFR-F2219B	SFR-F2219D	SFR-F2219A	SFR-F2219E	SFR-F2219S6	SFR-F2219S6	SFR-F2219S6	SFR-F2219S6
	Light Color									
	Voltage & Circuit Type	24CC	24CC	24CV	24CV	24CV	24CC	24CC	24CC	24CC
	Power/m	12W	16.5W	12W	12W	15W	15W	12W	12W	15W
	Lumen/m (3000K)	920lm	1300lm	/	/	/	/	/	/	/
	Min. Cutting Length(mm)	83.3	50	83.3	83.3	83.3	166.7	166.7	166.7	166.7
	Max. Running Length(m)	15	10	15	15	8	8	10	10	8

A (RGB) E (RGBW) B (mono) D (dynamic light) S (pixel addressable)

<p>Horizontal Bending</p>	Article No.	SFR-F2222B	SFR-F2222B	SFR-F2222D	SFR-F2222A	SFR-F2222E	SFR-F2222S6	SFR-F2222S6	SFR-F2222S6	SFR-F2222S6
	Light Color									
	Voltage & Circuit Type	24CC	24CC	24CV	24CV	24CV	24CC	24CC	24CC	24CC
	Power/m	12W	16.5W	12W	12W	15W	15W	12W	12W	15W
	Lumen/m (3000K)	720lm	1000lm	/	/	/	/	/	/	/
	Min. Cutting Length(mm)	83.3	50	83.3	83.3	83.3	166	166.7	166.7	166.7
	Max. Running Length(m)	15	10	15	15	8	8	10	10	8

CONNECTOR

Silicone Injection-moulded Connector IP68



MOUNTING PROFILE

Name	Serrated Aluminum Profile
Picture	
Item Code	SA/PL
Length (mm)	20, 500, 1000, 2000
Applicable to	

*Note: the mounting profile can be customized upon your installation conditions on site.