Risk-free Transportation Lighting
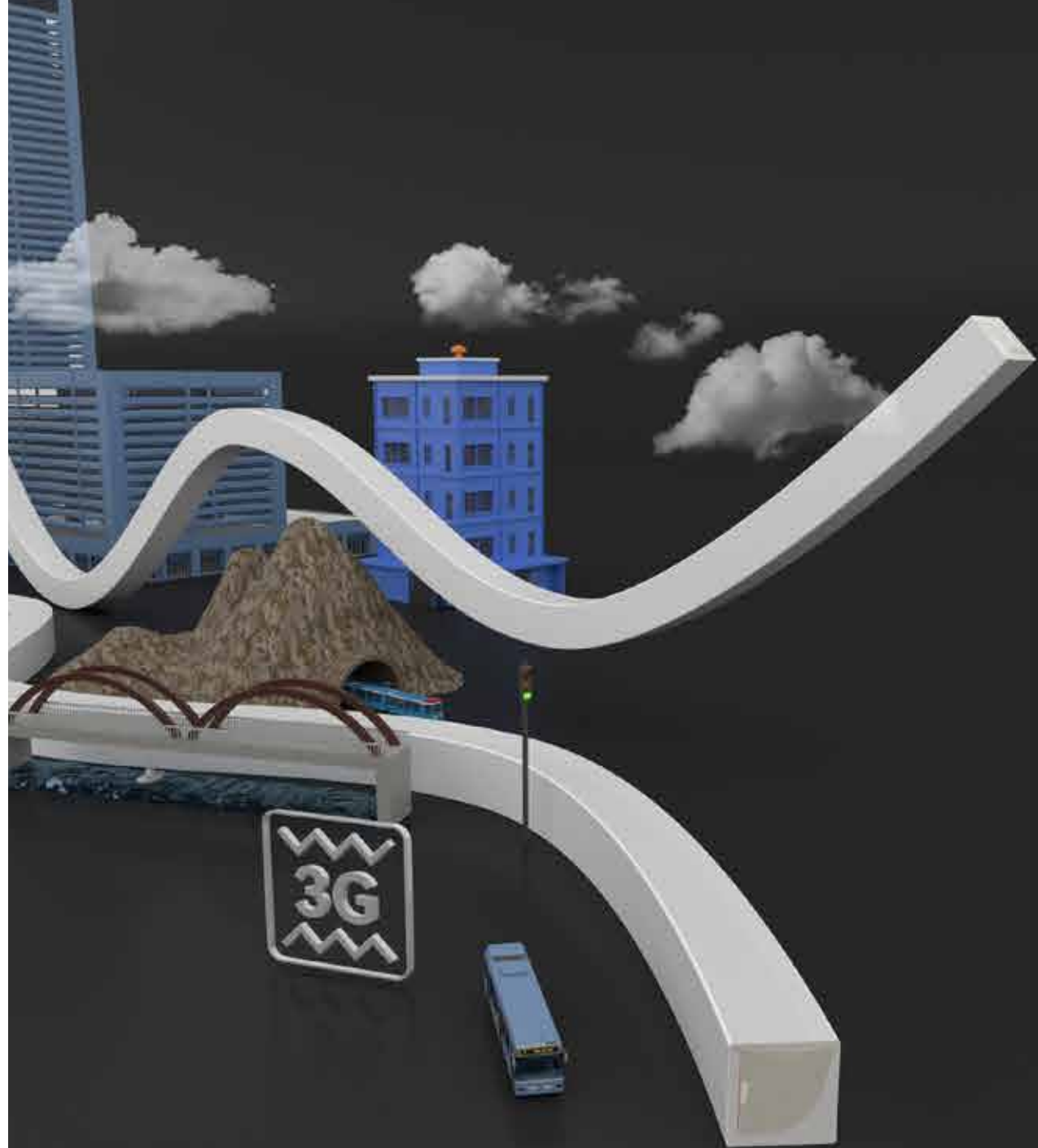
3G Vibration Rating

Sail through strong wind and heavy traffic

Transportation Lighting Solutions

Flexglo™ F2222 and Flexglo™ F2219, the large-emitting surface, energy-efficient LED neon flex, offer a satisfactory experience that fits nicely into the context of transportation infrastructure.
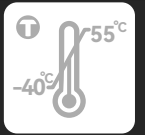
At night, adequate safety is secured by its unified illumination to serve the passing-by vehicles and pedestrians. Performed in a dynamic way of programmable color changing, it further unveils the vigor of a modern city and takes center stage as an iconic nightscape, meeting your needs in bridge lighting, metro lighting, tunnel lighting, and more.

Wide Illumination

IP68 Protection
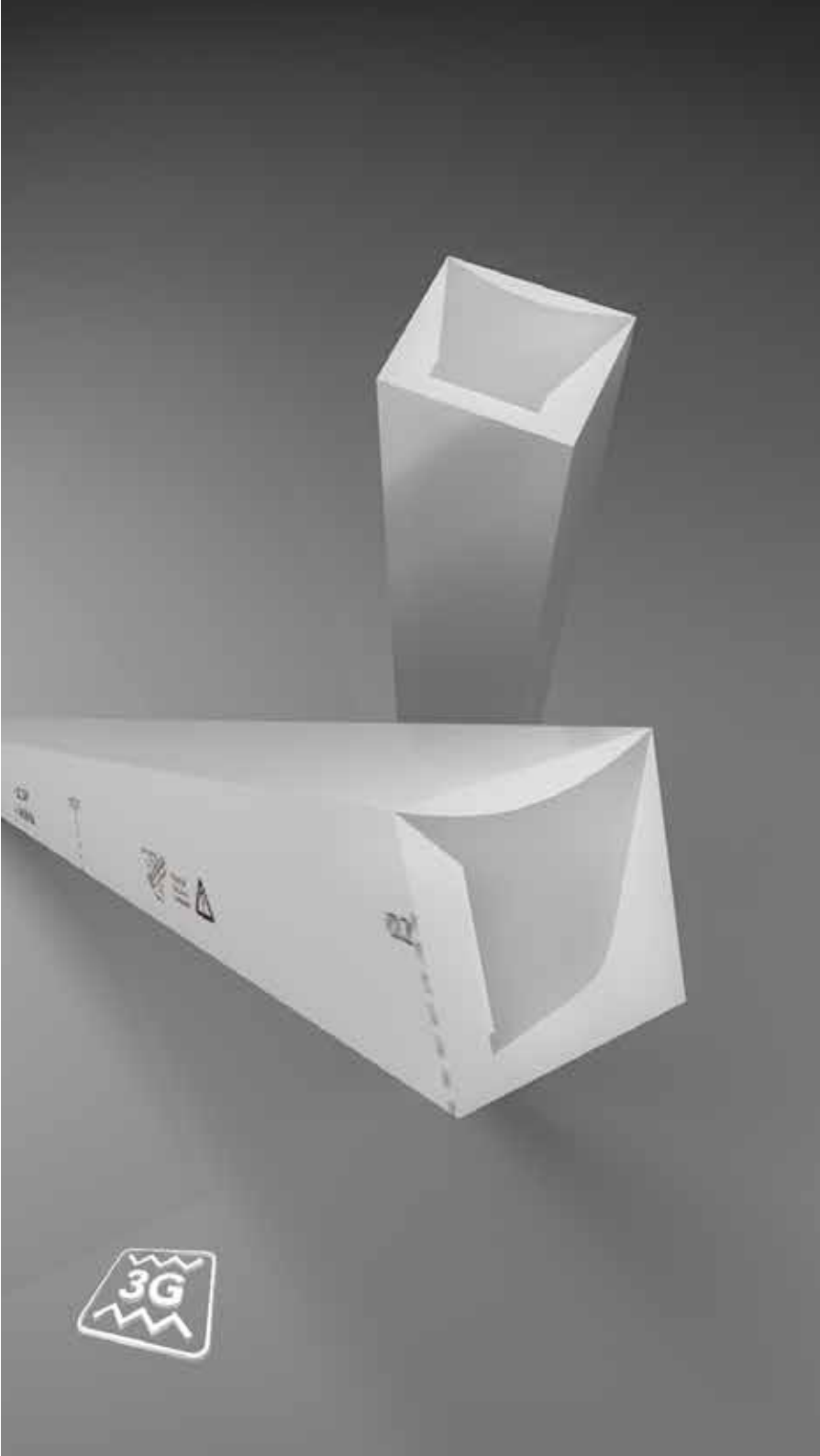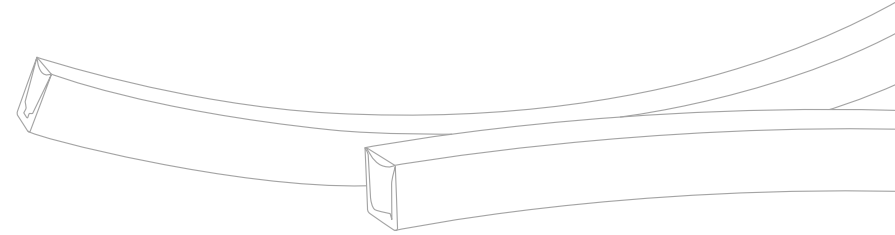
Ambient Working Temperature

5 Year Warranty

1300 lm/m

>50000h Lifespan

Features

★ Optics

The even and soft glow exempts the drivers or passers-by from any dangerous glare on the roadways, and the large-emitting surface ensures a sufficient viewing angle. Other than the pure white functioning as task lighting, multiple light colors are available for the option of decorative lighting or signal lighting.

★ Adaptability

Benefiting from the bendability and compact size, it can either be applied to outline the sophisticated structure or highlight the delicate details even in a confined space.

★ Energy Consumption

It is one kind of energy-saving and dimmable LED luminaire with luminous efficacy up to 85lm/w and a lifespan over 50000 hours, suitable for large-scale governmental projects where there's great importance towards environmental care.

★ Robustness

It passed the 3G vibration test set forth by ANSI C136.31. The ClearTech PinBoost™, together with the solid structure, protects the internal electronic components of lights from the damage caused by harsh climatic conditions.

★ Water Tightness

The place sealed with an IP68 liquid silicone injection-molded connector is crack-free even exposed to intense UV radiation or harsh weather. No water ingress through the cable, thanks to the ClearTech DryWire™. Both secure the reliability of our products in stressful outdoor environments.
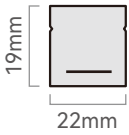
Application

Australia » Sound Tube

Australia » Trafalgar Footbridge

Australia » Carnegie Station

Switzerland » Parking Casino Aarau

Indonesia » Lampu Tunnel

Israel » Glilot Bridge

Test

Test Standard

ANSI C136.31-2018 covers the minimum vibration withstand capability and vibration test methods for roadway and area luminaires. It requires that the luminaire shall be capable of withstanding the described vibration for 100,000 cycles in each plane. If the luminaire is to be placed on a bridge or overpass, the luminaire system is to be tested at 3.0 G.
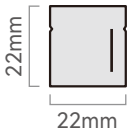

Test Result

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

Specification ▸ Light

Vertical Bending

19mm × 22mm

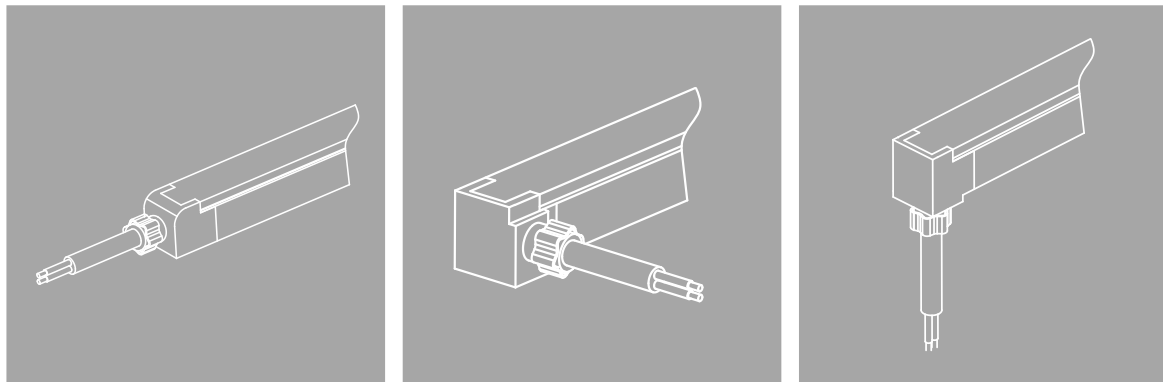| Article No.	SFR-F2219B	SFR-F2219B	SFR-F2219D	SFR-F2219A	SFR-F2219E	SFR-F2219S6	SFR-F2219S6	SFR-F2219S6	SFR-F2219S6
Light Color	◐	◐	◓	◓	◓	◐	◓	◓	◓
Voltage & Circuit Type	24CC	24CC	24CV	24CV	24CV	24CC	24CC	24CC	24CC
Power/m	12W	16.5W	12W	12W	15W	15W	12W	12W	15W
Lumen/m (3000K)	920lm	1300lm	/	/	/	/	/	/	/
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)

Horizontal Bending

22mm × 22mm

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

Specification ‣ Connector

Silicone Injection-moulded Connector IP68

Specification ‣ 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.