



Submersible Flex Linear for Hot Springs(Onsen)

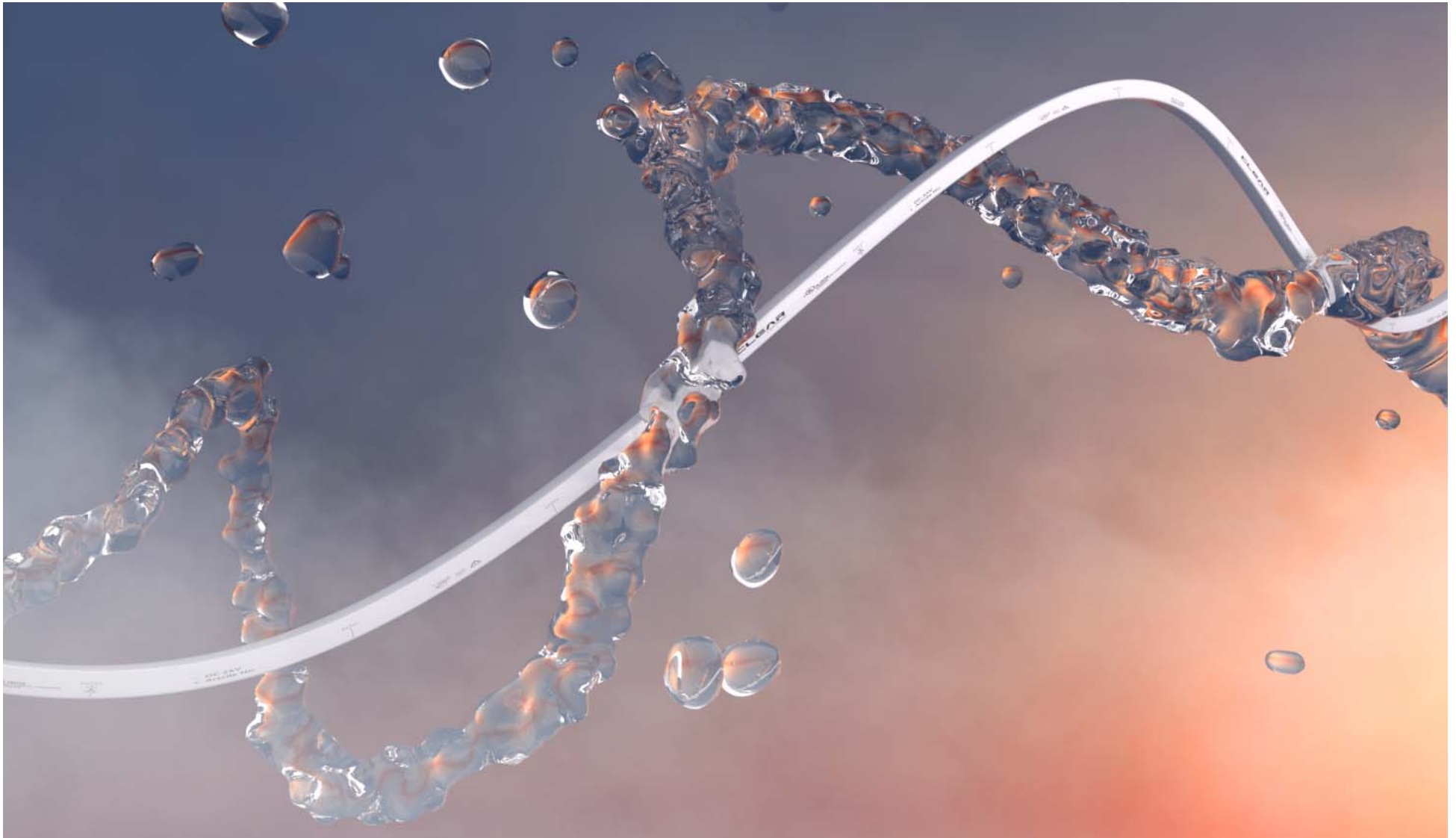
Soak your worries away in a relaxing glow



Overview

Hot Springs Flexible Light is designed to be soaked in hot springs or onsen. The PVC encasing is stable in nature and less likely to have a chemical

reaction with the microelements in the spring water, and can be submerged for a long time. The flexible light strips can adapt to various shapes or be embedded in the exterior of hot tubs to outline the shape.



Features



★ Cracking Resistance

Onsen Flex Linear is housed in PVC to better resist cracking, making it harder for trace elements to get into the light body and minimizing light failure.

★ Submersible

The PVC extruded encasing and injected connector enable IP68 waterproof rating. The light strip conforms to UL676 Standard for Underwater Luminaires.

★ Heat Resistance up to 45°C

The structure offers good thermal management and a constant current chip inside to avoid overheating.

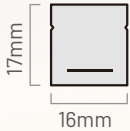
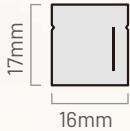
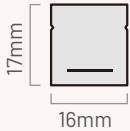
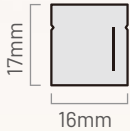
★ Freedom in Design

As one of the few flexible lights designed for hot springs, these immersible and heat proof lights are available in two bending directions, allowing for more flexibility and adaptability to irregularly shaped hot springs, providing a uniform lighting scheme and personalized options.

★ 3 Year Warranty

Provide you with a 3-year warranty to save your energy and costs on maintenance, guaranteed by premium quality of products.

Light

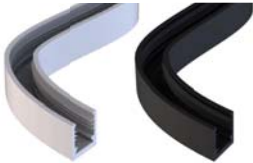
Article No.	FR-F22B-VB	FR-F22B-HB	FR-F22S-VB	FR-F22S-HB
Dimension	Vertical Bending 	Horizontal Bending 	Vertical Bending 	Horizontal Bending 
Light Color	      2200K2700K3000K3500K4000K5700K		 SPI-RGBW	
Voltage & Circuit Type	24CC	24CC	24CC	24CC
Power/m	6W	6W	8.5W	8.5W
Lumen/m (3000K)	210	200	70	65
Min. Cutting Length (mm)	55.6	55.6	83.3	83.3
Min. Run Length (m)	10	10	10	10
Note: F22S does not support static full loading at 8.5W.				

Connector

Name	PVC Dual Injeciton -moulded	PVC Unifit Connector
Picture		
Cable Entry	End/Bottom/Side	End/Bottom/Side
IP Rating	IP68	IP68
Feature	Submersible UL676 Certified Dedicated SJTW Cable	Submersible Compact Appearance UL676 Certified Dedicated SJTW Cable
Cable Type	B18AWG*2 D/S(SPI)18AWG*3	B18AWG*2 D/S(SPI)18AWG*3

Note: please consult our sales team for specific product selection.

Mounting Profile

Name	Thickened Plastic Profile	Bendable Anole™ Profile
Picture		
Item Code	TP/PL	BA/PL
Length (mm)	35, 500, 1000, 2000	55, 110, 200, 500, 1000
Applicable to		

Test

Light Source	Photoelectricity-High & low temperature shock (-40~100°C)	JELTA ED-4701 100 105
Metal Accessory and Mounting Profile	Weather Resistance-Salt spray	IEC 68-2-11
Waterproof Accessory	Waterproof-IPX5 / IPx7 / IPx8	CLEAR -defined
Finished Product	Photoelectricity-High & low temperature shock-45°C-60°C	CLEAR -defined

Application



Thermal Baths



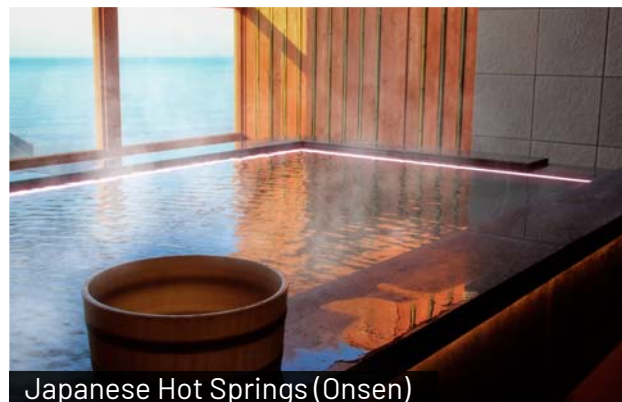
Thermal Baths



Thermal Baths



Japanese Hot Springs (Onsen)



Japanese Hot Springs (Onsen)



Hot Tubs