

Submersible LED Flex for Hot Springs(Onsen)

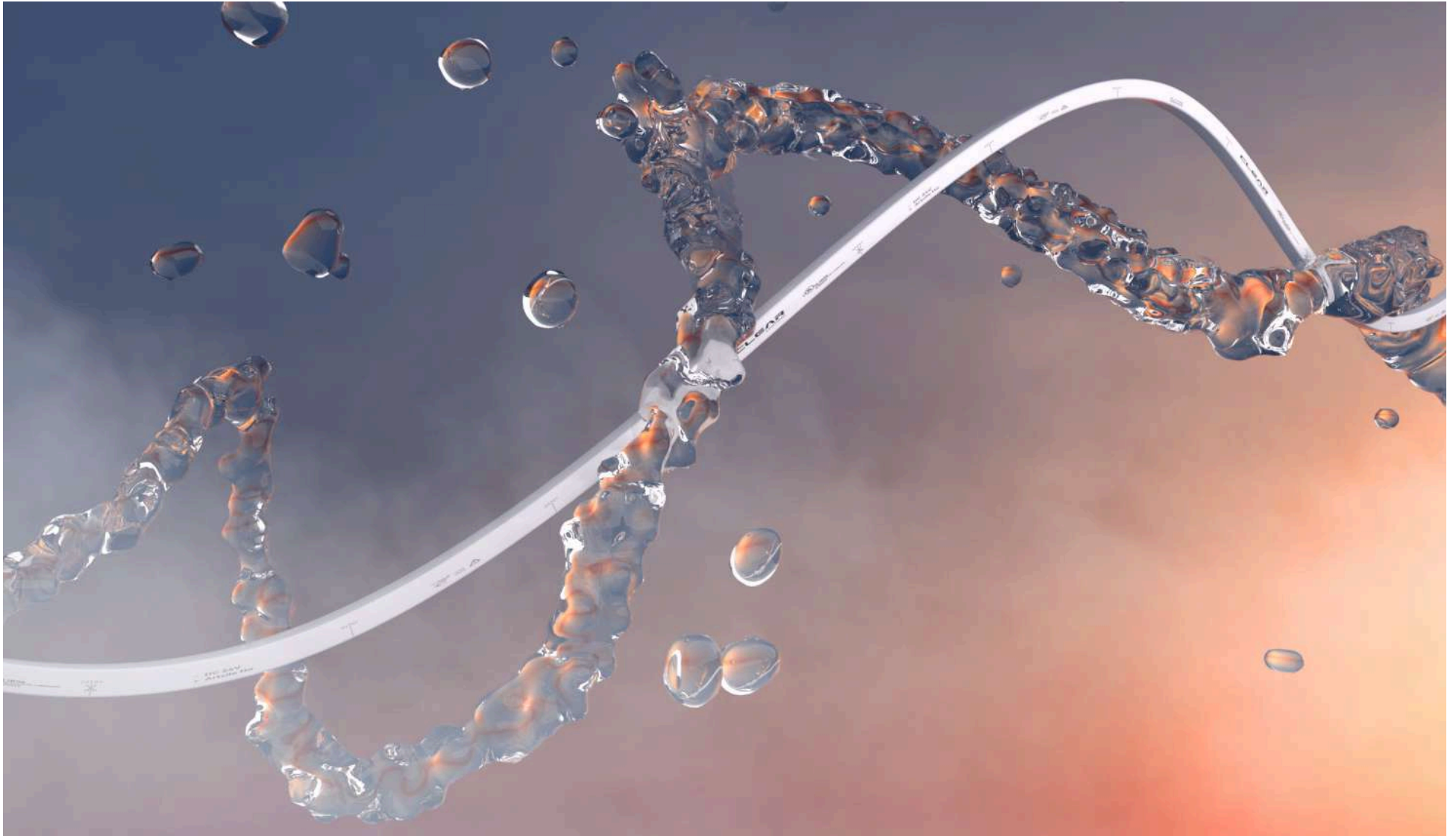
Soak your worries away in a relaxing glow



Overview

Hot Springs Flexible Light Strip is designed to be soaked in hot springs or onsen. The silicone 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 LED Light Strip is housed in silicone to better resist cracking, making it harder for trace elements to get into the light body and minimizing light failure.

★ Submersible

The silicone extruded encasing and silicone 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.

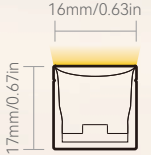
★ Freedom in Design

As one of the few flexible light strips 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

Dimension	Lighting Effect	Category	Item Code	Finished Product							
				Color/CCT	Color/CCT	Wavelength/CCT Tolerance	Color Tolerance	CRI	Lumen/m	Lumen/ft	
 <p>Vertical Bending</p>	B	Colorful Light	C-SFR-F22B-VB-24CC-R-WM-108-6W-83.3	Red	Red	618-624nm	N/A	N/A	190	58	
			C-SFR-F22B-VB-24CC-G-WM-108-6W-55.6	Green	Green	522-530nm	N/A	N/A	390	119	
			C-SFR-F22B-VB-24CC-B-WM-108-6W-55.6	Blue	Blue	468-474nm	N/A	N/A	75	23	
			C-SFR-F22B-VB-24CC-A-WM-108-6W-83.3	Amber	Amber	588-594nm	N/A	N/A	190	58	
			C-SFR-F22B-HB-24CC-R-WM-108-6W-83.3	Red	Red	618-624nm	N/A	N/A	140	43	
			C-SFR-F22B-HB-24CC-G-WM-108-6W-55.6	Green	Green	522-530nm	N/A	N/A	300	91	
			C-SFR-F22B-HB-24CC-B-WM-108-6W-55.6	Blue	Blue	468-474nm	N/A	N/A	55	17	
			C-SFR-F22B-HB-24CC-A-WM-108-6W-83.3	Amber	Amber	588-594nm	N/A	N/A	140	43	
		White Light	C-SFR-F22B-VB-24CC-22K-WM-108-80-6W-55.6	2200K	2200K	2265±85K	<6SDCM	80	330	101	
			C-SFR-F22B-VB-24CC-27K-WM-108-80-6W-55.6	2700K	2700K	2765±135K	<6SDCM	80	350	107	
			C-SFR-F22B-VB-24CC-30K-WM-108-80-6W-55.6	3000K	3000K	3075±150K	<6SDCM	80	350	107	
			C-SFR-F22B-VB-24CC-35K-WM-108-80-6W-55.6	3500K	3500K	3485±175K	<6SDCM	80	350	107	
			C-SFR-F22B-VB-24CC-40K-WM-108-80-6W-55.6	4000K	4000K	3985±245K	<6SDCM	80	350	107	
			C-SFR-F22B-VB-24CC-57K-WM-108-80-6W-55.6	5700K	5700K	5685±355K	<6SDCM	80	350	107	
	Dynamic Light	D	Dynamic Light	C-SFR-F22D-VB-24CC-2200-5700K-WM-144-6W-125	2200-5700K	2200K	2238±66K	<6SDCM	N/A	110	34
				C-SFR-F22D-HB-24CC-2200-5700K-WM-144-6W-125		5700K	5669±305K	<6SDCM	N/A	135	41
		A	RGB Light	C-SFR-F22A-VB-24CC-RGB-WM-84-4.5W-83.3	RGB	Red	618-624nm	N/A	N/A	33	10
						Green	522-530nm	N/A	N/A	90	27
						Blue	468-474nm	N/A	N/A	15	5
				C-SFR-F22A-HB-24CC-RGB-WM-84-4.5W-83.3	RGB	R+G+B	R+G+B	N/A	N/A	138	42
Red	618-624nm					N/A	N/A	30	9		
Green	522-530nm					N/A	N/A	85	26		
E	RGBW Light	C-SFR-F22E-VB-24CC-RGBW(27K)-WM-84-6W-83.3	RGBW(27K)	Blue	468-474nm	N/A	N/A	16	5		
				2700K	2765±135K	<6SDCM	N/A	95	29		
				Red	618-624nm	N/A	N/A	36	11		
		C-SFR-F22E-VB-24CC-RGBW(30K)-WM-84-6W-83.3	RGBW(30K)	Green	522-530nm	N/A	N/A	95	29		
				Blue	468-474nm	N/A	N/A	16	5		
				3000K	3075±150K	<6SDCM	N/A	95	29		
C-SFR-F22E-HB-24CC-RGBW(40K)-WM-84-6W-83.3	RGBW(40K)	Red	618-624nm	N/A	N/A	36	11				
		Green	522-530nm	N/A	N/A	95	29				
		Blue	468-474nm	N/A	N/A	16	5				
Horizontal Bending	E	RGBW Light	C-SFR-F22E-HB-24CC-RGBW(40K)-WM-84-6W-83.3	RGBW(40K)	4000K	3985±245K	<6SDCM	N/A	95	29	

Connector

Name	Bail-latch Connector	Silicone Injection-moulded Connector	Silicone Injection-moulded Connector
Picture			
IP Rating	IP68	IP68	IP68
Feature	Field-assembly Convenient Operation Rust Resistant	Seamless Joint Compact Appearance UL676 Certified Dedicated SJTW Cable	Seamless Joint Compact Appearance CE Certified
Application	Underwater	Underwater	Underwater
Cable Type	<p>B  18AWG*2</p> <p>D/S(SPI)  18AWG*3</p> <p>available in horizontal bending only for D/S series</p>	<p>B  18AWG*2</p> <p>D/S(SPI)  18AWG*3</p>	<p>B  18AWG*2</p> <p>A  22AWG*3 20AWG*1</p> <p>D/S(SPI)  18AWG*3</p> <p>E  22AWG*4 20AWG*1</p>

Mounting Profile

Thickened Plastic Profile

TP/PL
35, 500, 1000, 2000


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-silicone	CLEAR -defined

Application



Thermal Baths



Thermal Baths



Thermal Baths



Japanese Hot Springs (Onsen)



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Hot Tubs