

2026 V2

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Overview

Aquaglo™ F22 series, the IP68 rated flexible LED neon, gives you unprecedented freedom in lighting design for indoor and outdoor underwater applications, featured with continuous glow, multiple color options, custom length, and two bending directions. As a professional underwater luminaire, it is UL 676 certified and resistant to rust, bromine, salt, ozone, chlorine, UV proven by extensive tests, aiming to create the safe and cozy ambient out of your expectation.



Features

UL 676 Safety Approved

Comply with UL 676, one of the most stringent standards for Safety Underwater Luminaires and Accessories. Fully encapsulated in silicone and sealed by the injection-moulded connector with dedicated weather-resistant SJOW orSJTW cable.

5m Depth

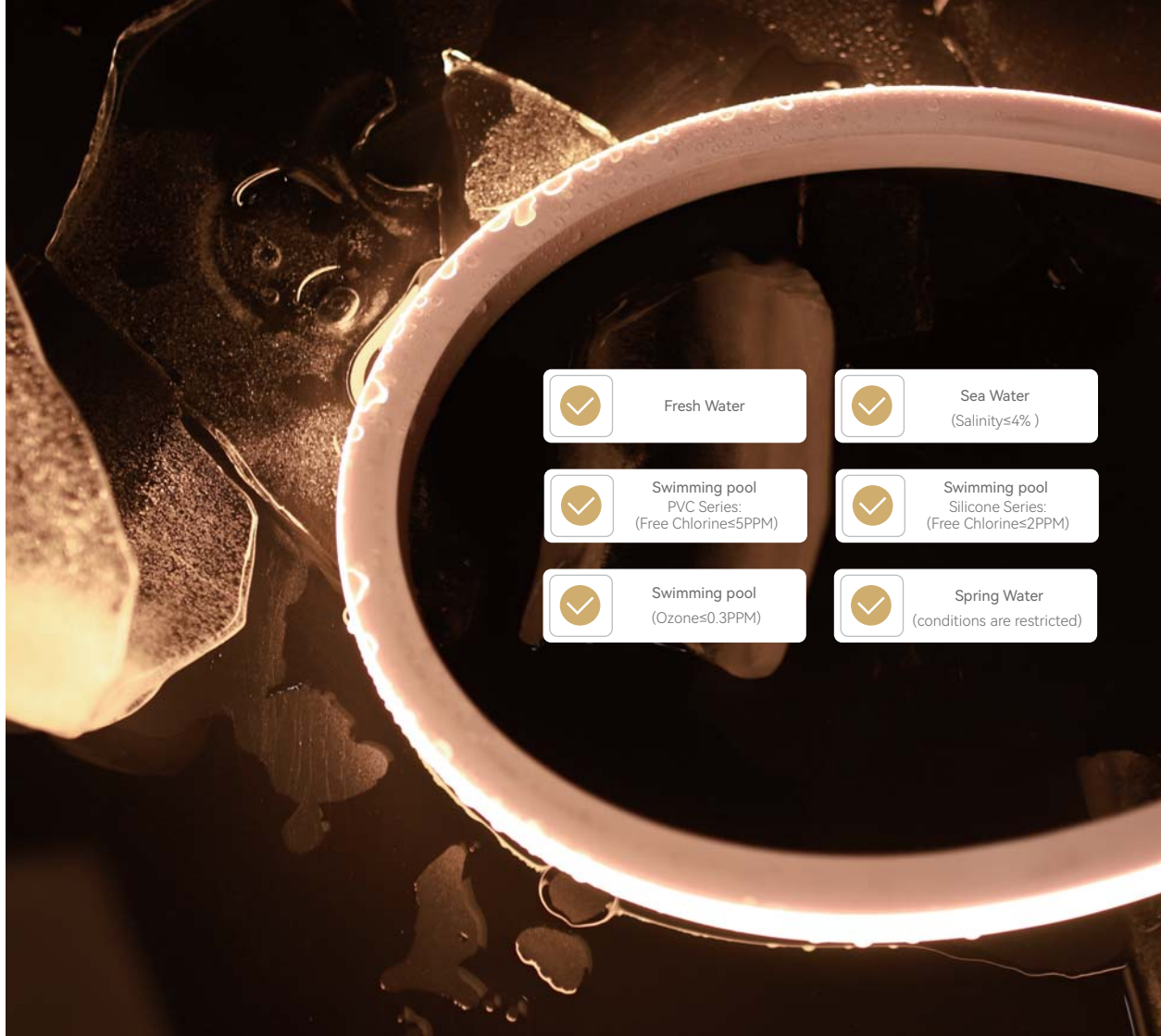
IP68 rated, permanently submersible for swimming pool, water features, fountain, and more in the depth up to 5m.

30m Single Length

A homogenous and soft light line is achievable up to 30m per piece. Optional in horizontal and vertical bending to accommodate the needs of installation.

3 Years Warranty

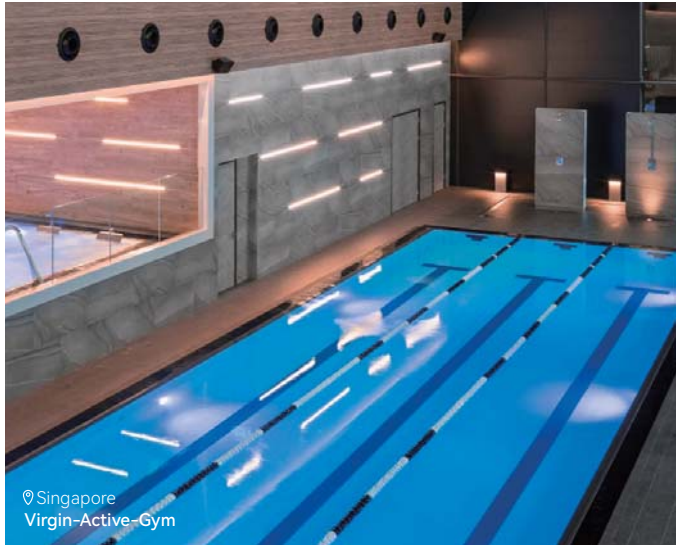
Provide you with a maintenance-free purchase experience, guaranteed by premium quality of products.

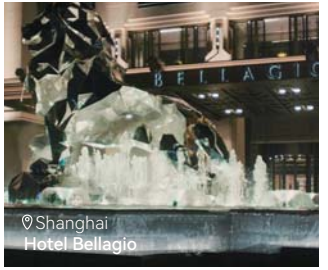


References

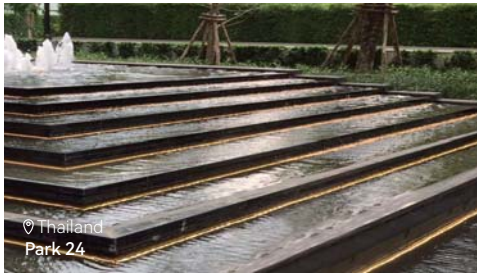

Australia
Crown Tower


Kuwait
Kuwait Pool

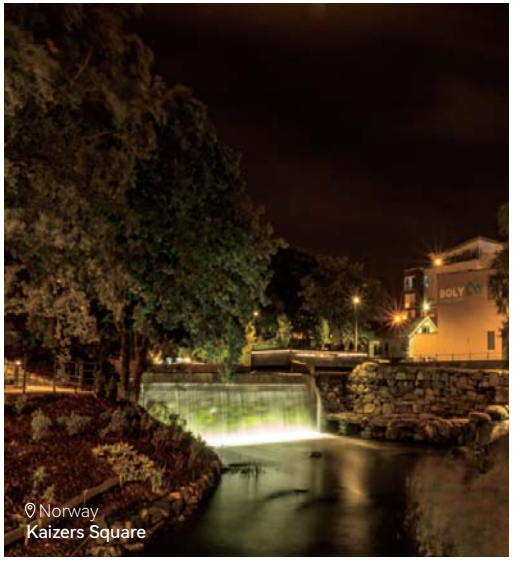

Singapore
Virgin-Active-Gym

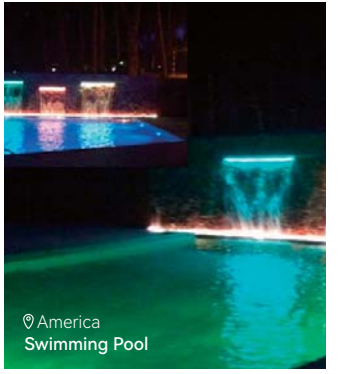

Shanghai
Hotel Bellagio


Austrilia
Jupiter Caino


Thailand
Park 24


America
The Honeycomb
© Bradford


Norway
Kaizers Square


America
Swimming Pool


Thailand
Rosewood main Pool-b

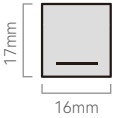
Specification ▸ Light · Silicone

Article No.	Light Color	Voltage &Circuit Type	Power/m	Lumen/m	Min. Cutting Length (mm)	Max. Run Length (m)
SFR-F22B-VB		24CC	8W	/	83.3	20
		24CC	6W	290lm (4000K)	55.6	30
		24CC	9W	440lm (4000K)	55.6	18
		24CC	12W	580lm (4000K)	55.6	15
		24CC	15W	800lm (4000K)	55.6	10
SFR-F22D-VB		24CV	12W	270lm (2200~5700K)	83.3	15
SFR-F22S12-VB		24CC	12W	/	83.3	15
		24CC	12W	440lm(4000K)	83.3	15
		24CC	16.5W	370lm (R+G+B)	83.3	10
		24CC	22W	310lm (4000K)	83.3	8
SFR-F22S10-VB		24CC	10W	220lm (2200~5700K)	100	15
SFR-F22E-VB		24CV	15W	240lm(4000K)	83.3	8(static) 12(dynamic)
SFR-F22A-VB		24CV	12W	370lm(R+G+B)	83.3	10(static) 15(dynamic)

A (RGB) E (RGBW) B (mono)

D (dynamic light) S (pixel addressable)

Note: Only B/D/S series are UL 676 certified.



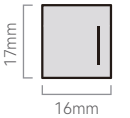
Vertical Bending

Article No.	Light Color	Voltage &Circuit Type	Power/m	Lumen/m	Min. Cutting Length (mm)	Max. Run Length (m)
SFR-F22B-HB		24CC	8W	/	83.3	20
		24CC	6W	240lm (4000K)	55.6	30
		24CC	9W	360lm (4000K)	55.6	18
		24CC	12W	480lm (4000K)	55.6	15
		24CC	15W	700lm (4000K)	55.6	10
SFR-F22D-HB		24CV	12W	270lm (2200~5700K)	83.3	15
SFR-F22S12-HB		24CC	12W	/	83.3	15
		24CC	12W	400lm(4000K)	83.3	15
		24CC	16.5W	345lm (R+G+B)	83.3	10
		24CC	22W	260lm (4000K)	83.3	8
SFR-F22S10-HB		24CC	10W	220lm (2200~5700K)	100	15
SFR-F22E-HB		24CV	15W	220lm(4000K)	83.3	8(static) 12(dynamic)
SFR-F22A-HB		24CV	12W	345lm(R+G+B)	83.3	10(static) 15(dynamic)

A (RGB) E (RGBW) B (mono)

D (dynamic light) S (pixel addressable)

Note: Only B/D/S series are UL 676 certified.



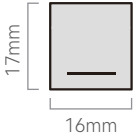
Horizontal Bending

Specification ▸ Light · PVC

Article No.	Light Color	Voltage &Circuit Type	Power/m	Lumen/m	Min. Cutting Length (mm)	Max. Run Length (m)
FR-F22B-VB		24CC	6W	240lm(4000K)	55.6	20
		24CC	9W	360lm(4000K)	55.6	13
		24CC	12W	480lm(4000K)	55.6	10
		24CC	12W	450(G),85(B)	55.6	10
		24CC	8W	170(R,A)	83.3	15
FR-F22D-VB		24CV	12W	180lm(2200~5700K)	83.3	10
FR-F22E-VB		24CV	15W	190lm(4000K)	83.3	5(static), 8(dynamic)
FR-F22A-VB		24CV	12W	300lm(R+B+G)	83.3	7(static), 10(dynamic)
FR-F22S12-VB		24CC	22W	380lm(4000K)	83.3	5(static), 8(dynamic)

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

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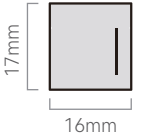


Vertical Bending

Article No.	Light Color	Voltage &Circuit Type	Power/m	Lumen/m	Min. Cutting Length (mm)	Max. Run Length (m)
FR-F22B-HB		24CC	6W	225lm(4000K)	55.6	20
		24CC	9W	340lm(4000K)	55.6	13
		24CC	12W	450lm(4000K)	55.6	10
		24CC	12W	400(G),65(B)	55.6	10
		24CC	8W	150(R,A)	83.3	15
FR-F22D-HB		24CV	12W	180(2200~5700K)	83.3	10
FR-F22A-HB		24CV	12W	280(R+G+B)	83.3	7(static), 10(dynamic)
FR-F22S10-HB		24CC	12W	360lm(4000K)	83.3	10(static), 15(dynamic)

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

Note: Only B/D/S series are UL 676 certified.

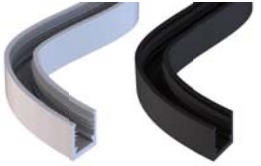
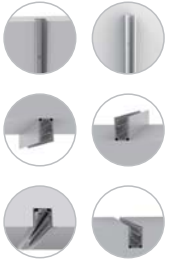
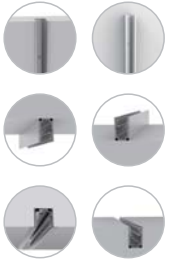


Horizontal Bending

Specification ▸ Connector

Name	Silicone Injection-moulded (UL676)	Silicone Injection -moulded	PVC Dual Injeciton -moulded (UL676)	PVC Unifit Connector
Picture				
Cable Entry	End/Bottom/Side	End/Bottom/Side	End/Bottom/Side	End/Bottom/Side
IP Rating	IP68 (Max. 5m depth)	IP68 (Max. 5m depth)	IP68 (Max. 5m depth)	IP68 (Max. 5m depth)
Feature	Seamless Joint Compact Appearance UL676 Certified Dedicated SJOW Cable	Seamless Joint Compact Appearance	High Chlorine Environment UL 676 Certified Dedicated SJTW Cable	High Chlorine Environment UL 676 Certified Dedicated SJTW Cable Compact Appearance
Cable Type	B 18AWG*2 D/S(SPI) 18AWG*3	B 18AWG*2 D/S(SPI) 18AWG*3 A 22AWG*3 / 20AWG*1 E 22AWG*4 / 20AWG*1	B 18AWG*2 D/S(SPI) 18AWG*3 Only B/D/S series are UL 676 certified.	B 18AWG*2 D/S(SPI) 18AWG*3 Only B/D/S series are UL 676 certified.

Specification ▸ 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 termperature shock (-40~100℃)	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℃~60℃-silicone	CLEAR -defined
Finished Product	Long-term Submersion	CLEAR -defined