

15W RGB+CCT LED Underwater Light, DC24V, IP68, 433MHz RF Wireless Control

OVERVIEW

The 1-SW15RGCCT-SYS is a 15W RGB+CCT LED underwater light designed for permanent submersion in pools, fountains, and similar aquatic installations. It operates on DC24V and supports full-color output across 16 million color combinations along with a tunable white range of 2700K–6500K, making it suitable for both decorative and functional underwater lighting applications.

The fixture delivers 2300 lumens at a 160-degree beam angle and is controlled via 433MHz LoRa RF wireless technology. It is compatible with the FUT086 remote controller and the WL-433 433MHz gateway, the latter enabling smartphone app control and third-party voice control integration. Nine dynamic color modes are available in addition to static color and white selections. Operating temperature range is -20°C to 45°C (-4°F to 113°F). Input voltage must not exceed DC24V.

The fixture carries an IP68 waterproof and dustproof rating, confirming suitability for continuous underwater use. No additional certifications are confirmed in the available source data. Warranty terms are not specified in the provided documentation.

SPECIFICATIONS

CCT	2700–6500 K	Input voltage	24 V DC
IP rating	IP68	Operating temp	-20 to 45 °C

CERTIFICATIONS & COMPLIANCE



IP68