



Wi-Fi CERTIFIED™ Certificate



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org/certification/programs

Certification ID: WFA128113

Product Info

| | |
|------------------------------|--|
| Date of Certification | September 21, 2023 |
| Company | Home Depot Product Authority, LLC |
| Product Name | 24 Light 48 ft. Indoor/Outdoor Plug in Integrated LED RGBW Edison Bulb RGBW Color Changing String Light, Music Sync, WHT |
| Product Model Variant | HB-2048SC-WH |
| Model Number | HB-2048SC-WH |
| Category | Smart Home |
| Sub-category | Smart Appliances (Small) |

Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|---------------------|---|
| Connectivity | 2.4 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n |
| Optimization | WMM® |
| Security | Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2020-02 WPA3™-Personal 2020-02 WPA™-Enterprise WPA™-Personal |



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA128113



Role: Station

Page 2 of 2

Wi-Fi Components

Wi-Fi Component Operating System

FreeRTOS, version:v 8.2.0

Wi-Fi Component Firmware

v 7.0

RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|-----------------|---------------|--------------|
| 2.4 GHz | 1 | 1 |

Certifications

2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz
40 MHz Channel Width in 2.4 GHz

Protected Management Frames

WMM®

WPA2™-Enterprise 2018-04

EAP methods
EAP TLS
EAP TTLS
PEAPv0

WPA2™-Personal 2021-01

WPA3™-Enterprise 2020-02

EAP methods
EAP TLS
EAP TTLS
PEAPv0

WPA3™-Personal 2020-02

WPA™-Enterprise

WPA™-Personal

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx
Short Guard Interval
STBC