



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 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
Network management	WMM®
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2020-02 WPA3™-Personal 2020-02
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n

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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

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx
Short Guard Interval
STBC

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