

Project		Catalog #		Type	
Prepared by		Notes		Date	



HALO HOME

HIWAC

In-wall Accessory Dimmer

Typical Applications
Residential

Interactive Menu

- Order Information [page 2](#)
- Product Specifications [page 2](#)
- Energy & Performance Data [page 3](#)
- Product Warranty

Product Certification



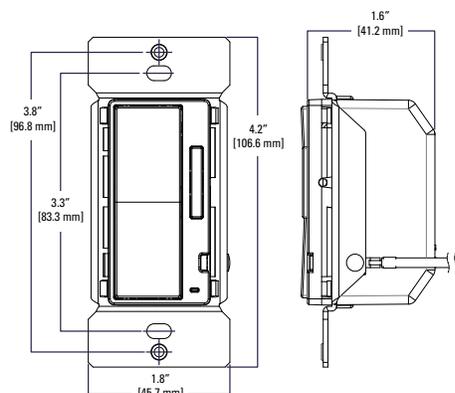
Product Features



Top Product Features

- Wirelessly control ON/OFF & Dimming of any HALO Home Device/Group
- Combine with other HALO Home Controllers for multi-location control
- No Bridge/Internet Needed-wireless control via HALOHome Bluetooth Mesh
- Command a HALO Home Smart Dimmer for multi-way wireless control
- Provides constant power to HALO Home Smart Lights
- Max Load: 300W HALO Home Smart Lights
- Neutral wire required; Includes an air-gap to easily disconnect power
- Range: 35' from smartphone; 100' between devices (200 Devices/Account)
- 120V / AC 60Hz standard house wiring; Title 24 and Title 20 compliant
- Indoor use only; Fits Decora wallplate (not included)

Dimensional and Mounting Details



additional product diagrams

Order Information

SAMPLE ORDER NUMBER: HIWAC1BLE40AWH

Device	Generation	Radio	Finish
HIWAC=HALO In-Wall Accessory Dimmer ¹	1=1st generation	BLE40A=Bluetooth Low Energy 4.0	WH=White BL=Black
Notes			
(1) Wall plate sold separately.			

Multi-Unit Installation Chart

Device	Load Type	1-Gang	2-Gang	3-Gang
HIWAC1BLE40AWH	INC/ELV/FLR/Halogen/MLV	600W/VA	550W/VA	500W/VA
	LED/CFL	300W	300W	300W

Product Specifications

Wireless System

- For use with the HALO Home mobile app
- Bluetooth low energy (BLE) mesh allows on/off, white tuning and dimming to be controlled wirelessly with companion wall stations, smartphones and tablets using HALO Home mobile application
- Setup Groups, Scenes and Schedules to automate lighting with the HALO Home mobile app

Wireless Pairing

- See our online HALO Home Quick Start Guides for commissioning, setup, how-tos, and troubleshooting – including our Installation Guide go to support.BringHaloHome.com

Bluetooth Mesh

- HALO Home products work better together. Expand and strengthen the Bluetooth network range by adding HALO Home devices
- Commissioning and Set up: Smartphone(s) will need to be within range (~35 ft line-of-sight) of a HALO Home product to commission and set up
- Control: Smartphone(s) will need to be within range (~35 ft line-of-sight) of any HALO Home product to control anything within the mesh. (add remote access to a HALO Home installation by installing the optional Bridge)
- Device-to-device communication is ~100 ft line-of-sight
- Remote access to HALO Home lighting is available with the optional Smart Bridge
- Max Devices/Account: 200
- Learn more at BringHaloHome.com

Control & Dimming

- Prefer constant power so they can repeat or respond to lighting control messages with the Bluetooth Mesh from mobile app, voice (via the optional Bridge), or Controller
- Flicker-free dimming from 100%-5% via app or HALO Home Controllers
- To provide constant power and for best results wire to HALO Home (Remote) Controllers:
 - o Accessory Dimmer
 - o Accessory Switch (ON/OFF)
 - o Scene Keypad (Hardwired)
- If not installing with a HALO Home Controller, these

smart lights can be used with standard ON/OFF switches, although this is not recommended due to:

- o Reduced number of powered products within the Bluetooth Mesh
- o Risk of accidental factory resets
- o IMPORTANT: Leaving lights on for less than 13-seconds, 4 times in a row (regardless of OFF time) can trigger a factory reset
- Because these dim in response to wireless Bluetooth messages - DO NOT USE WITH OTHER MANUFACTURER'S DIMMERS

Power Cycle Behavior

- An unpaired HALO Home Smart Light will turn lighting ON to 100% and will flash twice if power is cycled
- Once paired, a HALO Home Smart Light will return to its last known ON dim level as a safety precaution. (If the lighting was OFF previous to the power cycle, lighting will turn ON when power is restored.)

Features

- Control HALO Home smart lights with the switch or free HALO Home app
- Features ON/OFF, Dimming Groups, Schedules, and Scenes
- Works with HALO Home smart LED lights only

Environmental

- Rated for Indoor Use only. 32°F to 104°F (0°C to 40°C) damp locations

Design Features

- Range: Up to 100 feet line of sight
- Dimmer to have four 6" pre-stripped wire leads for line (black), load (red), ground (green) and neutral (white)
- Air-gap switch disconnects power from load forcing an OFF condition to safely work on the light fixtures
- Air-gap switch will also disconnect power from the internal circuitry of the dimmer
- Air-gap switch is a 1 way switch – power is connected through the airgap switch when the air-gap plastic is in, and power does not go through the air-gap switch when the air-gap plastic is pulled out
- Neutral wire will be required for installation
- Large paddle switch that actuates 2 switches. Upper part of paddle actuates one switch ON, and lower part of paddle actuates the other switch OFF for ON and

OFF functions listed below

- Thin dimmer rocker switch that also actuates 2 more switches. Upper part of rocker actuates one switch Brighten, and lower part of paddle actuates the other switch Dim for Brighten and Dim functions listed below
- One status LED under firmware control
- Dimming state shall be retained in the event of AC power loss
- Acoustic noise not to exceed 22 dBa SPL at 1 ft

Button Functions

- Dim up (Brighten) will brighten the lamps associated to the Smart Dimmer
- Dim down will dim the lamps associated to the Smart Dimmer
- ON will turn on the lamps associated to the Smart Dimmer
- OFF will turn off the lamps associated to the Smart Dimmer
- Holding the ON button for 12 seconds will factory reset the dimmer and it will also be in Bluetooth pairing mode

Factory Reset

- Hold the ON button for 12 seconds to reset and claim to your account

Certifications & Compliance

- cULus Listed, NOM Certified. Complies with FCC Part 15, Class B,
- Industry Canada RSS-Gen and RSS-247
- Title 24 and Title 20 Compliant
- NEMA SSL 7A Compliant type 1 Dimmer
- Bluetooth Certification 4.1 or higher + Mesh
- ROHS-2

Warranty

- Five year limited warranty, consult website for details. www.cooperlighting.com/legal

Energy & Performance Data

ENERGY DATA	
Input Voltage	120V
Input Current (A)	-
Input Power (W)	5
Efficiency	-
In-rush Current (A)	-
THDi (%)	-
PF:	
T Ambient -	
Sound Rating:	

Dimensional and Mounting Details

**Single Switch, 3-way or multi-switch with HALO Home Lighting Fixtures
3-Way or multi-switch**



**Smart Lighting 3-way or multi-switch for standard lighting fixtures
3-Way or multi-switch**

