INTERMATIC®

Sensor - Daylight Harvester

Item ALC-DH-BT

PRODUCT DESCRIPTION

The ALC-DH-BT is a light sensor designed for use with the ARISTA® Lighting Controls System by Intermatic. This sensor is used for daylight harvesting applications where energy conservation is essential. This sensor can be used for both open loop and closed loop applications. Pricing Available Upon Request.

FEATURES

► Battery or 24 VDC powered
► Wired or wireless communications
► Toolless battery replacement
► Multiple mounting options
► Open or closed loop compatibility
► Selectable footcandle level settings

APPLICATIONS

► Indoor Lighting Control
► Indoor Sensing Control
► Daylight Sensing

TECHNICAL DATA

General	
Model Number	ALC-DH-BT
Description	Daylight Harvester
UPC Code	078275150751
Brand	Intermatic
Warranty Period	5-Year limited
Country of Origin (Intermatic)	CHINA

Control Specifications	
Operation Features	Light Level
Operation Mode	Daylight Harvesting
Data Transfer Options	Bluetooth
Backup Restoration Time	1 Minute
Backup Type	Non-volatile
Backup Protection Time	Indefinite
Application Compatibilities	ARISTA Controllers
Function type	Light Level Dimming; Scheduled ON/OFF

Mechanical Specifications	
Mount Type	Ceiling

Dimensions	
Product Height (in)	4.53
Product Height (mm)	115.062
Product Width (in)	4.53
Product Width (mm)	115.062

Product Depth (in)	2.95
Product Depth (mm)	74.93
Class 2 Wire Size Min	22
Class 2 Wire Size Max	16

Communication Method

Radio signal	Bluetooth

Electrical Specifications

Voltage Selection Type	Selector Switch
Input Voltage Range(s)	3 V Battery, 24 VDC
Wiring Options Low Voltage	Terminals

Display and Format

Status Indicator	LED Indicator

Packaging

Shipping Weight (lbs)	0.541
Shipping Weight (kg)	0.245
Product Weight (kg)	0.245
Product Weight (lbs)	0.541

Operating Specifications

Programming Targets	Smartphone
Tampering protection	Yes

Environmental Specifications

Operating Humidity	Dry Location
Temperature (operation)	32°F..131°F
Temperature (operation)	0°C..55°C
Usage Environments	Indoor

Standards and Certifications

UL Certification	cULus
Other Certifications and Compatibilities	Ashrae 90.1 2016; IECC 2018; Title 20
California Proposition 65	None
RoHS Certification	Yes