

# HCD405BT

HF Lowbay | Bluetooth | Photodiode

EAN:



## Benefits

Compact: Super compact size

All-in-one: Occupancy, Daylight and Circadian Rhythm

Easy configuration: Wireless Bluetooth 5.0 SIG-Mesh

## Applications

For round shape luminaire up to 6m height

Office / Meeting rooms

Schools / Classroom

Check out the complete system solution on the website:  
<https://www.hytronik.eu>

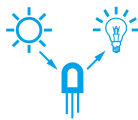
## Product description

HCD405/BT is a Bluetooth built-in microwave sensor with 30mA DALI power supply built in. It is designed for professional lighting manufactures who would like to incorporate wireless control into their luminaires. It is suitable for any typical indoor applications such as office, classroom, car park, warehouse and other commercial/industrial areas. With Bluetooth wireless mesh networking, it makes communication much easier without any hardwiring, which eventually adds values to luminaires and saves costs for projects. Meanwhile, simple device setup and commissioning can be done via Koolmesh app.

## Hardware Features



5-year warranty

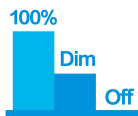


Photocell advance

## Functions Features



Daylight Harvest



Tri-level (Corridor Function)



Tunable White Control

## Specifications

Capabilities	
Dimming (Output) Interface	DALI & DALI-2
Connector Type	Standard 2 cables

Sensing Device	
Detection angle	30° - 150°
Maximum installation height	6 m
Maximum detection range	10 m
Detection Area	78 m <sup>2</sup>

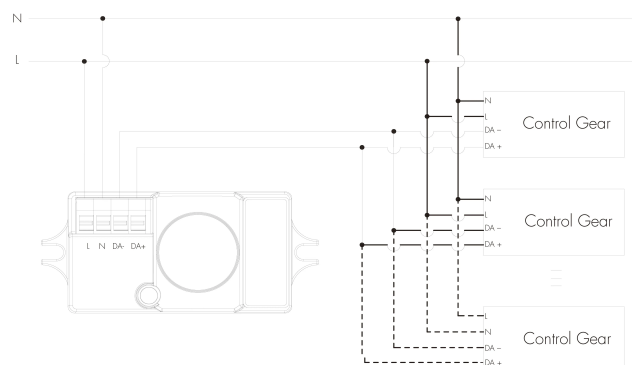
Technical	
Product height	24.9 mm
Product length	80.5 mm
Product width	36.5 mm
Mounting hole spacing	4.2 mm
Operating temperature	-20 ~ +55 °C
Relative humidity	10 ~ 90%
Ingress protection code	IP20

Electrical	
Ingress protection code	IP20
Operation frequency	2.4 GHz
Bluetooth range	10-30m
Bluetooth transmit power	4 dB
Bluetooth system	Koolmesh
Required DALI current	30.0 mA
Operating voltage	220 - 240 VAC 50/60 Hz
Warming-up	20 s

## Wire Preparation



## Wiring Diagram



---This product should be installed by a qualified electrician.

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## Technical Drawing

### TECHNICAL DRAWING

