Parameters

Electrical Parameters:

Working voltage	15-30V DC
Buspro power consumption	25mA/24V DC
Illumination detection rang	0-5000 Lux
Communication	HDL Buspro
Buspro terminal	CAT5 or CAT5e

Environmental Conditions:

Working temperature	-5℃~45℃
Working relative humidity	Up to 90%
Storage temperature	-20℃~+60℃
Storage relative humidity	Up to 93%

Approved

CE
RoHS

Product Information:

Dimensions	80(D)×32（mm）
Net weight	86.5g
Housing material	ABS
Installation	Ceiling mounted
Protection rating	IP20

HDL Buspro Cable Guide

CAT5/CAT5E	HDL Buspro	HDL Buspro/KNX
Brown/Orange	24V DC	Red
Brown white/Orange white	COM	Black
Blue white/Green white	DATA-	White
Blue/Green	DATA+	Yellow

Important Notes

- Air quality detection: cigarettes, cooking odors, hydrogen, carbon monoxide, ethanol, isobutene, alcohol.
- Buspro cable — CAT5 or CAT5E.
- Buspro connection — Series connection (hand-in-hand).
- It is recommended that the dry contact cable should be less than 20m.
- Installation — Indoor and ceiling-mount.
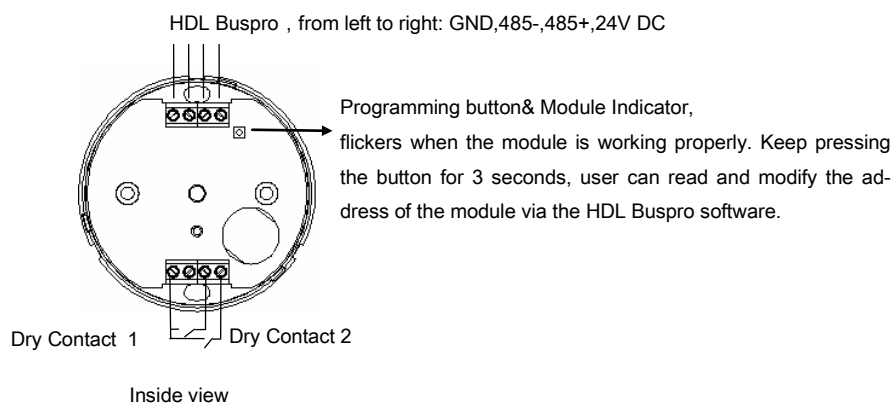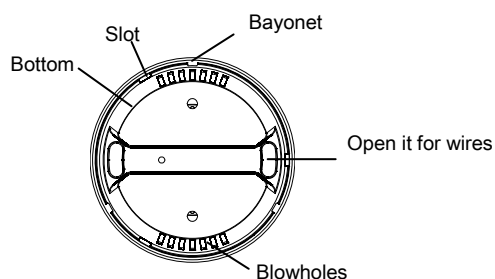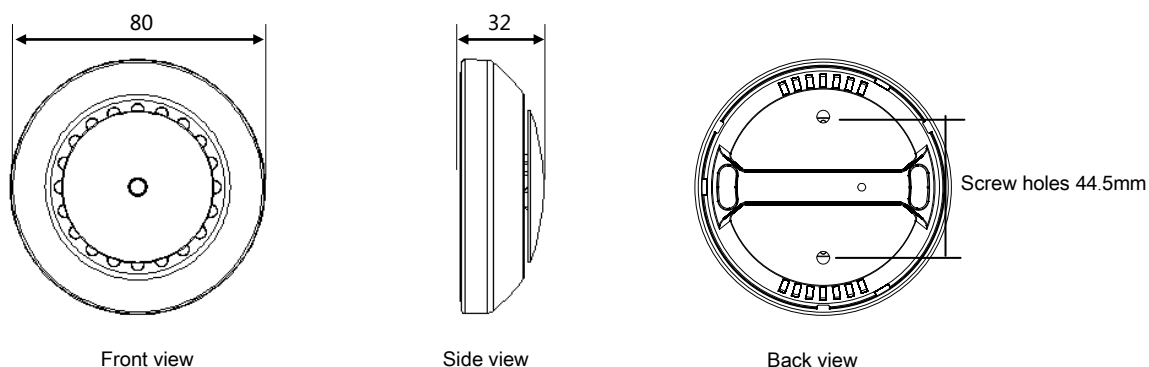
Overview

HDL-MASLA.2C Ceiling Mount Lux & Air Quality Sensor is a multi-function control module. It can measure air quality and brightness, and control targets according the values of lux, dry contact and universal switch.

Functions

- Embedded lux sensor, air quality sensor, air comprehensive index sensor, 2-Dry Contact inputs, 2 universal switch inputs, 1 logic block status input.
- 2 logic relations: OR, AND.
- Up to 24 logic blocks, maximum 7 logic inputs conditions available, each logic block can control up to 20 different control targets.
- Different targets can be set when the Logic OR , Logic And are set up.
- Security function, to be used with the security module.
- Real formulation for brightness and air comprehensive index.

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Dimensions and Wiring

```
80
```

Front view

```
32
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Side view

Screw holes 44.5mm

Back view

Slot
Bayonet
Bottom
Open it for wires
Blowholes

HDL Buspro , from left to right: GND,485-,485+,24V DC

Programming button& Module Indicator,
flickers when the module is working properly. Keep pressing the button for 3 seconds, user can read and modify the address of the module via the HDL Buspro software.

Dry Contact 1   Dry Contact 2

Inside view

Safety Precautions ⚠ WARNING

- Do not make wrong connection to Buspro interface, it will damage the Buspro interface of this module.
- Do not get AC power into Buspro wire , it will damage all devices in the system.
- Do not let liquids and corrosive gases come into contact with the module.

Package Contents

- Datasheet   ×1
- Device   ×1
- Warranty card   ×1

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