

LUMI GEAR

IFS105D6/D8 Series D4i Wireless sensor



D4i Wireless sensor(White)



D4i Wireless sensor(Black)

Description

The IFS105D6/D8 is a D4i-BLE sensor, which enables simple, wireless control of individual luminaires in LiteScape control system. Its Compact size and compatibility with a wide variety of drivers allow for seamless integration with common commercial lighting fixtures from any manufacturer. It combines daylight harvesting and passive infrared (PIR) occupancy sensing to transform luminaires into intelligent lighting solutions.

Features

- Compact design allows flexible mountings to lighting fixtures or flush mount on ceiling
- Integrated D4i-BLE connectivity
- Supports DT6, DT8

Mounting

- Fits hole size: 0.859 in to 0.906 in (21.8 mm to 23.0 mm) diameter
- Fits in standard 1/2 in trade size knockout (0.875 in [22.5 mm] diameter knockout nominal)
- Compatible with fixture wall thicknesses 0.016 in to 0.080 in (0.4 mm to 2.0 mm)

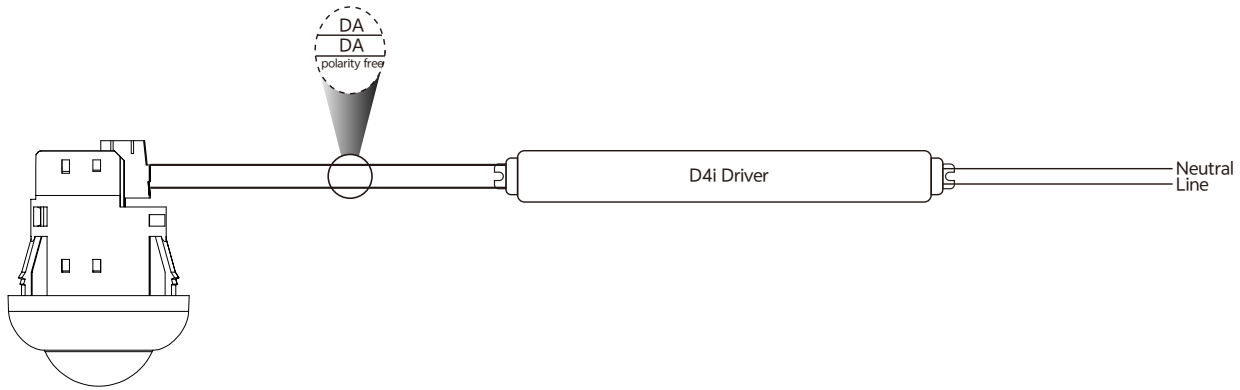
Specifications

Operating voltage	9.5-22.5 VDC from DALI BUS POWER
Operating current	10 mA Max
Max. DALI bus current	250 mA
Typ. power consumption on stand-by	<0.2W
Radio transceiver operating frequencies	2402-2480MHz
Max. output power radio transceiver (E.I. R.P.)	< + 10.5 dBm
Detection Range	32ft Max
Mounting Height	16ft Max
Max. casing temperature t_c	75 °C
Ambient temperature t_a	-20 to 70 °C
Storage temperature t_s	-25 to 75 °C
Color	White, Black
Lifetime	up to 50,000 h
Guarantee	5 Years
Dimensions	L38.5 x W28.4 mm
Type of protection	IP20

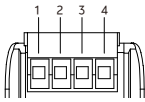
Ordering Information

Model	Description
IFS105D6-W	DC D4i Wireless Sensor supports DALI-2 or D4i certified Type 6 LED drivers,White
IFS105D8-B	DC D4i Wireless Sensor supports DALI-2 or D4i certified Type 8 LED drivers,Black

Wiring



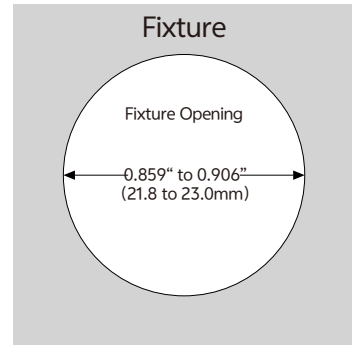
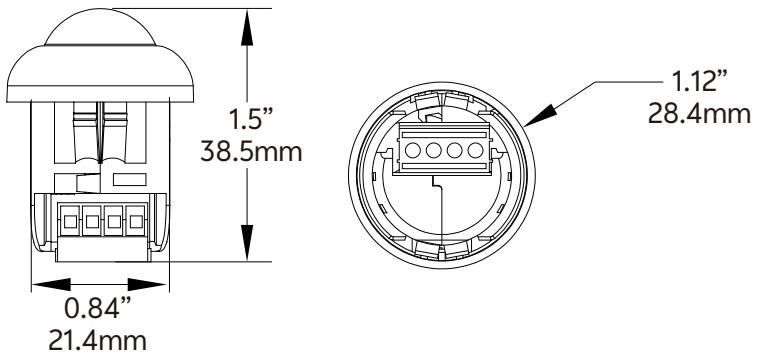
Wiring Guide



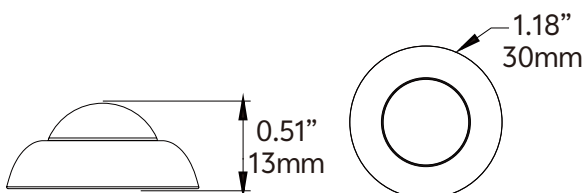
Connector Position	DALI Function
1	DA
2	DA
3	N/C
4	N/C

Dimensions

Unit:inch/mm



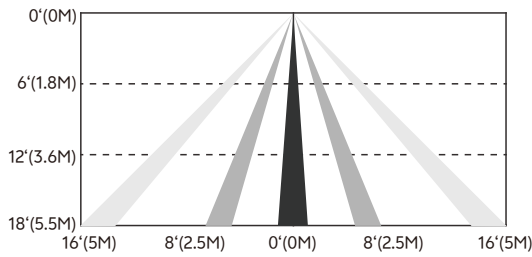
LBL2



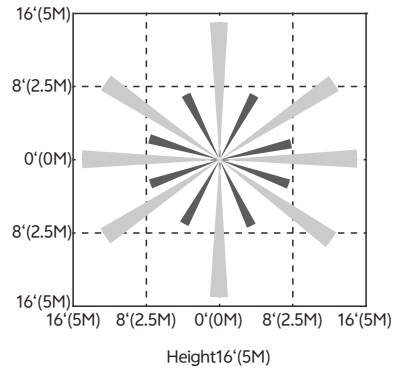
Coverage Pattern

Unit:inch/mm

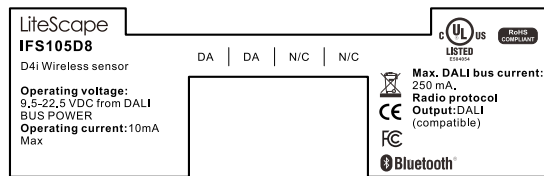
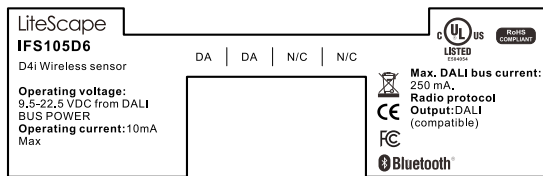
Coverage Side View



Coverage Top View



Product Label



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App Download



Due to our continued efforts to improve our products, specifications are subject to change without notice.

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