



The AUD005 Light Sensor by CMD Ltd is a battery-powered, wireless light sensor that is part of the Audacy® Wireless Controls system. The AUD005 is used to detect ambient light in a space, providing daylight harvesting capabilities. Operating in the highly reliable 915 MHz spectrum, the AUD005 requires no wiring, has a 25-year battery life, and wirelessly sends ambient light measurements to the Audacy Wireless Gateway for closed-loop daylight harvesting operation. Since it is not hard-wired, the AUD005 can mount virtually anywhere a light sensor is desired.



SPECIFICATIONS

ITEM	DESCRIPTION
Radio Frequency Range	915.9 - 917.3 MHz, Internal Antenna
Wireless Protocol	Proprietary based on IEEE 802.15.4
Encryption	Proprietary based on AES encryption
Regulatory Approvals	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1*; EN 55015:2013+A1:2015, EN 61547:2009 and ETSI EN 301 489-3 v2.1.0* (ETSI EN 301 489-1 v2.1.1) - (See Annex A for further details)
Rated RF Power Output (W)	2 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	30.5m indoors to Audacy Gateway or Luminaire Controller in typical commercial office building; extended range when repeater mode enabled
Power	25+ year Li battery, non-replaceable
Operating Temperature	10°C to 32°C
Light Level	0–2500 lux (0–232 fc)
Installation Environment	Indoor use only
Mounting	2 bracket mounting holes (See mechanical drawing for dimensions)
Colour	White
Dimensions	115.82mm x 58.17mm x 28.45mm
Weight	85g
Warranty	5 year
LVD Compliance	BS EN 61010-1 / IEC 61010-1
EMC Compliance	BS EN 55015, BS EN 61547 & ETSI EN 301 489-3 V2.1.0 (ETSI EN 301 489-1 V2.1.1)
Radio Compliance	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1

Code	AUD005
Description	Audacy® Light Sensor



MECHANICAL DIMENSIONS (MM)

