



The 59-LSC1400UK Light Sensor by CMD Ltd is a battery-powered, wireless light sensor that is part of the Audacy® Wireless Controls system. The 59-LSC1400UK is used to detect ambient light in a space, providing daylight harvesting capabilities. Operating in the highly reliable 915 MHz spectrum, the 59-LSC1400UK 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 59-LSC1400UK can be mounted 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
Rated RF Power Output (W)	11.3 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	In-ceiling via mounting tabs (see diagram for cutout size)
Colour	White
Dimensions	84mm x 84mm x 50mm
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	59-LSC1400UK
Description	Audacy® Light Sensor



DIMENSIONS (MM)

