PRODUCT DATASHEET
NIGHTLUX Cartoon Sensor

NIGHTLUX CARTOON | Nightlights with motion/ daynight sensor, multiple application areas, battery-powered

Areas of application

– Kitchens, workspaces
– Children's bedrooms
– Nightlight

Product benefits

– Automatically switches on and off according to the amount of available daylight
– Economical operation due to low power consumption
– Easy and fast mounting on nearly every surface (adhesive tape or screws)
– Accessories for flexible mounting options included

Product features

– PIR motion detector and daylight sensor
– Exchangeable motifs included

TECHNICAL DATA

Electrical data

Nominal wattage	0.20 W
Nominal voltage	4,5 V
Mains frequency	50…60 Hz
Nominal current	45.000 mA
Max. number of luminaires per miniature circuit breaker C10	-
Protection class	III
Operating mode	Battery

Photometrical data

Luminous flux	10 lm
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	≥80
Standard deviation of color matching	< 6 sdcm
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	120 °

Dimensions & Weight

Length	60.00 mm
Width	24.00 mm
Height	80.00 mm
Product weight	120.00 g

NIGHTLUX CARTOON SEN 840 WT

Materials & Colors

Product color	White
Housing color	White
Body material	Plastic
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20…+40 °C
Temperature range at storage	-20…+80 °C
Type of protection	IP20
Dimmable	No
Mounting type	Surface
Mounting location	Wall
Application environment	Indoor
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	15000 h [1]
Number of switching cycles	15000

[1] t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Sensor

Type of sensor	Light / Motion
Sensor detection angle	110 °
Sensor controlled switching time	30 s
Detection range of motion sensor	2.7 m
Detection threshold of daylight sensor	25 lx

BATTERY

Type of Battery	Alkaline
Battery size [GMS]	AAA
Number of included batteries	3
Nominal voltage of battery	1.5 V

Certificates & Standards

Standards	CE / UKCA
Replaceable light source (EPREL)	Not replaceable

Safety advice

– This product is not a toy. It should not be left unattended in the hands of children or operated by children.
– Not designed as a replacement for conventional lighting in private household.
– Battery Warning: Keep out of reach for children. Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can

occur within 2 hours of ingestion. Seek medical attention immediately.

– If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

– Please avoid: Maximal ambient temperature: +35 °C. Replacement of a battery with an incorrect type that can defeat safeguard (for example, in the case of some lithium battery types). Altitude during operation: 2000 m. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	EC_NIGHTLUX_DOT-IT NURSERY
PDF	Declarations of conformity UKCA	Special LUM

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075575592	Blister 1	36 mm x 160 mm x 400 mm	244.00 g	2.30 dm³
4058075575608	Shipping box 6	423 mm x 241 mm x 186 mm	1930.00 g	18.96 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.