VIDEX®

VIDEX VL-CLR-EM300-2

INDEX: VL-CLR-EM300-2

TECHNICAL CARD

LED Emergency Ceiling Light with motion sensor

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Icons:
- 120°
- CRI Ra ≥ 80
- ON/OFF 20 000
- 25 000 h
- UV Free
- Not Dimmable
- -20° +40°C
- CCT 2700K <6x ellipse MacAdam
- CCT 3000K <6x ellipse MacAdam
- CCT 4000K <6x ellipse MacAdam
- CCT 5000K <6x ellipse MacAdam
- CCT 6500K <6x ellipse MacAdam
- No Flicker
- No Flicker
- Hg Free
- IP44

WARRANTY 3 YEARS

Dimmable	no
Directional (DLS) or non-directional (NDLS) light source	NDLS
Connected light source (cls)	no
Color-tunable light source	no
Mains (MLS) or non-mains (NMLS) light source	MLS
High luminance light source	No
Anti-glare shield	No
Technology	LED
Energy efficiency class of the contained light source	F
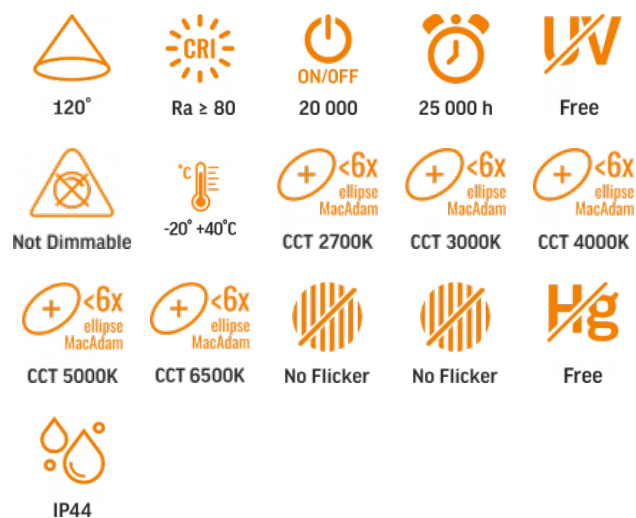
Universal Surface-Mounted Ceiling Light VIDEX VL-CLR-EM300-2. Introducing the **VIDEX VL-CLR-EM300-2** – a universal **surface-mounted ceiling light** that combines both standard lighting and an **emergency backup light**. This lamp is equipped with **built-in 18650 lithium-ion batteries**, ensuring uninterrupted lighting even in the event of a power outage. Recommended usage: staircases, hallways, balconies, living rooms, bathrooms.

General parameters

Light source or containing product	Containing product
Control gear replaceable	by the producer
Light source replaceable	by the producer

Type of light source

Electrical parameters

On-mode power (Pon)	30W Max
Rated voltage, frequency	AC 175-265 V, 50/60 Hz
Rated current	150 mA
Input interface	Free wire ends
Electric shock protection class	II
Energy consumption in on-mode of the light source (kWh/1000h)	30
Displacement factor (cos φ1)	0.9
Survival factor	1

Photometric parameters

Useful luminous flux of the contained light source (Φuse)	3000 Lm, 300 Lm (Emergency mode)

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Correlated color temperature	6500K (cold white), 5000K (neutral white), 4000K (neutral white), 3000K (warm white), 2700K (warm white)
Beam angle	120°
Color rendering index (CRI)	Ra > 80
On/Off cycles	20000
Lifetime (L70B50)	25000 h
Useful luminous flux of the light source reference	in a sphere (360°)
R9 colour rendering index value	>0
The lumen maintenance factor	≥96%
Colour consistency in MacAdam ellipses (SDCM)	<6 (2700K), <6 (3000K), <6 (4000K), <6 (5000K), <6 (6500K)
Flicker metric (Pst LM)	≤1
Stroboscopic effect metric (SVM)	≤0.4
CRI Min	Ra 80
CRI Max	Ra 88

Ultraviolet radiation	no
Operating temperature range	-20° +40°C
Battery type	Li-ion 18650
Battery capacity	2200 mAh (2pcs)
Battery replaceable	yes
Suitable for installation in normally flammable surfaces	yes
Mercury content	Does not contain
Ingress protection	IP44
Housing material	Aluminum, PC, Acrylic

Dimensions

EAN	4820246485456
Height	330 mm
Depth	70 mm
Width	330 mm
In the package	1 pc.
Outer box	10 pcs.
Unit nett weight	840g

Additional information

Place of installation	Ceiling, Wall
Place of application	indoor
Housing colour	White
Minimum distance from the illuminated object	0.5 м
Diffuser material	ABS, Polycarbonate (PC)

Signs marking goods

Packaging marking	Recycling of waste, CE, Utilization

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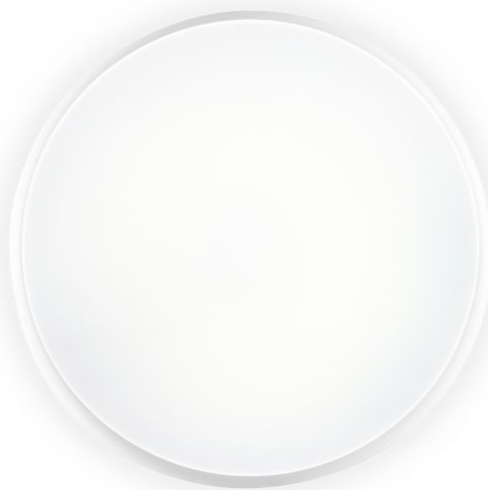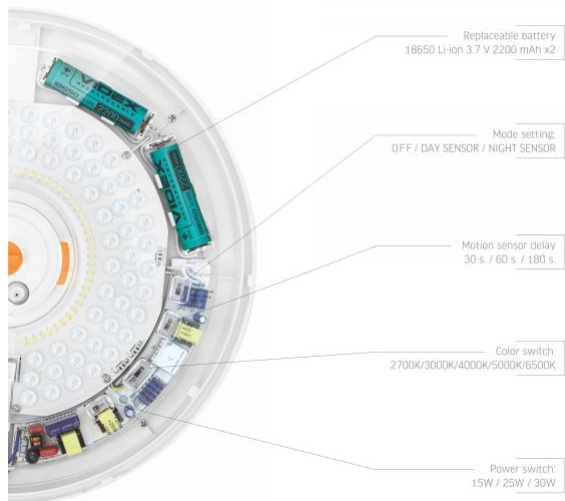# VIDEX VL-CLR-EM300-2
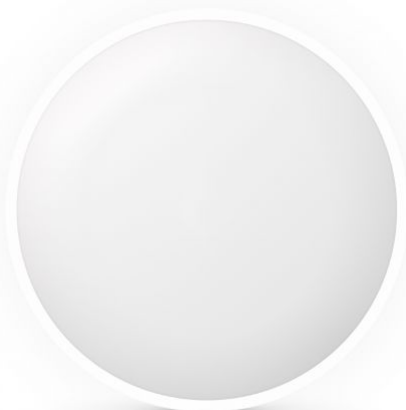
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Emergency backup light
300 lm, 6 h
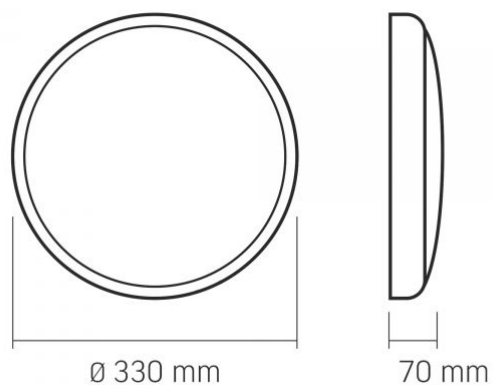
Clear cover, dust-proof, insect-proof,
anti-electric shock

Linkable terminal block

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Replaceable battery
18650 Li-ion 3.7 V 2200 mAh x2

Mode setting:
OFF / DAY SENSOR / NIGHT SENSOR

Motion sensor delay
30 s. / 60 s. / 180 s.

Color switch:
2700K/3000K/4000K/5000K/6500K

Power switch:
15W / 25W / 30W

2700K / 3000K / 4000K / 5000K / 6500K

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Ø 330 mm   70 mm

We reserve the right to make technical changes. The data contained in this material is not legally binding.

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The product must be used indoors

Minimum distance from the illuminated object

Class of protection against electric shock II - provided not only by basic insulation but also by double or reinforced insulation

The product can be installed and used in/on normally flammable surfaces

Waste recycling after the end of the product's service life

 The product meets the requirements of EU directives

It is forbidden to throw away waste equipment marked with the symbol of a crossed-out bin with other waste

— Rated beam angle

— Ra > 80 – color rendering index

— Rated On/off cycles

— Nominal lifetime (hours)

— The product does not emit ultraviolet light

— The product is incompatible with light regulators

— Operating temperatures range

— Colour consistency in MacAdam ellipses (SDCM)

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— The flickering of the light does not exceed the permissible level

— The product has minimal flickering, which should not cause discomfort or danger

— The product does not contain mercury

— Class of protection against dust and moisture. Protection against solid foreign objects with a diameter of 1 mm and greater and against water splashes

Date: 1.06.2025