LEDVANCE

PRODUCT DATASHEET
LED Color + White Round 200mm 18W + RC

LED COLOR + WHITE | LED wall and ceiling luminaire with remote control for white light and RGB color adjustment

Areas of application

– Indoor applications
– Mood lighting

Product benefits

– Bright panel, uniformly lit with warm white light
– Bezel illumiation with constant or automatically changing color
– Comfortable and intuitive remote control
– Switching, dimming in 5 steps and color control with the push of a button
– Clean design, allows for an easy combination with various room styles

Product features

– 2 in 1 LED luminaire for white and colored light
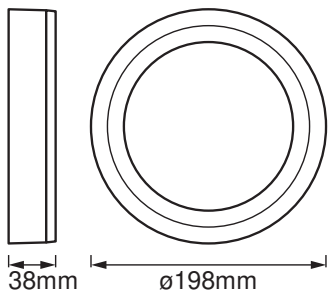– Available in round and square form

TECHNICAL DATA

Electrical data

Nominal wattage	18.00 W
Nominal voltage	220...240 V
Mains frequency	50 Hz
Nominal current	79.000 mA
Inrush current	17.6 A
Max. no. of lum. on circuit break. B16 A	-
Max. no. of lum. on circuit break. C10 A	-
Max. no. of lum. on circuit break. C16 A	-
Power factor λ	> 0.90
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	650 lm
Total luminous flux of contained light sources	1020 lm
Luminous efficacy	36 lm/W
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	110 °

Dimensions & Weight

Diameter	198.00 mm
Height	38.00 mm
Product weight	620.00 g

38mm   ø198mm

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	Plastic
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+35 °C
Temperature range at storage	-30...+70 °C
Type of connection	Screw terminal
Type of protection	IP20
Dimmable	Yes
Mounting type	Surface
Mounting location	Ceiling / Wall
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	25000 h [1]
Number of switching cycles	100000

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

Emergency lighting

Nominal voltage of battery	3 V

Certificates & Standards

Standards	CE / EAC / UKCA
Luminaire with limited surface temperature, "D sign"	No

EQUIPMENT / ACCESSORIES

– Remote control and battery included
– Complete mounting and connecting accessories included

DOWNLOAD DATA

	Documents and certificates
PDF	User instruction
PDF	Declarations Of Conformity CE
PDF	Declarations Of Conformity UKCA

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075227590	Folding box 1	48 mm x 207 mm x 209 mm	687.00 g	2.08 dm³
4058075227606	Shipping box 8	430 mm x 220 mm x 200 mm	5796.00 g	18.92 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.