

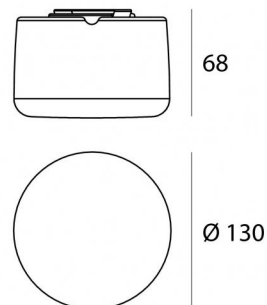
# MiniWhite\_R



Wall Lights | 220-240 V  
24 topLED 3 W DC - 4 W AC | CRI 85



8028N



Technical data	
Construction year	2017
Type	Surface
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Total Power	4 W
Source lumens	462 lm
Voltage	220 - 240 V AC
Frequency	60 - 50 Hz
CCT / Tone	4000 K
Colour rendering index	85 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP65
Optical compartment IP	IP65
IK	IK06
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Double emission
Net weight	0,820 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing diffuser	
Material	PE
Colour	neutral

Finishing mounting frame	
Material	PC
Colour	white



Wall Lights | 220-240 V | 24 topLED 3 W DC - 4 W AC | CRI 85 | Base 8028N

Double emission wall lights for indoor application. The warm white LED light source with a diffused light distribution is composed of 24 topLED LEDs with CCT of 4000 K and a CRI 85; the source luminous flux is 462 lm, with a 154.0 lm/W nominal luminous efficacy.

The diffuser is made of pe; the mounting frame is made of PC, with a white finish. The ingress protection degree is IP65; the total weight is of 0,820 kg.

The total absorbed power is 4 W.

The device features protection class II and can be wall lights or ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

### Energy efficiency class

This product contains a light source of energy efficiency class E.

### Illuminotechnical Features

Light Output Ratio (LOR)	76 %
Source lumens	462 lm
Delivered lumens	355 lm
Consumption	4 W
Luminaire efficacy	88 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	85 Ra
Junction temperature (lighting fixture)	80

Standard Operating Ambient Temperature -20 / +50°C

### LED Life / Failure Ratio

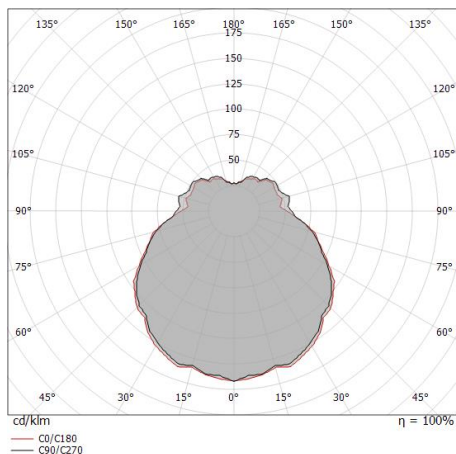
L80 B20 C0 80000h

### UGR

UGR axial	23.2
UGR transversal	23.2
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	145°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	3.21 3.49	237 3 2	72.7°	74.0°	74.0°
1.0	6.42 6.97	59 1 1	72.7°	74.0°	74.0°
1.5	9.63 10.46	26 0 0	72.7°	74.0°	74.0°
2.0	12.84 13.95	15 0 0	72.7°	74.0°	74.0°
2.5	16.05 17.44	9 0 0	72.7°	74.0°	74.0°
3.0	19.26 20.92	7 0 0	72.7°	74.0°	74.0°

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0/C180 (Half-peak divergence: 148.0°)  
— C90/C270 (Half-peak divergence: 145.4°)