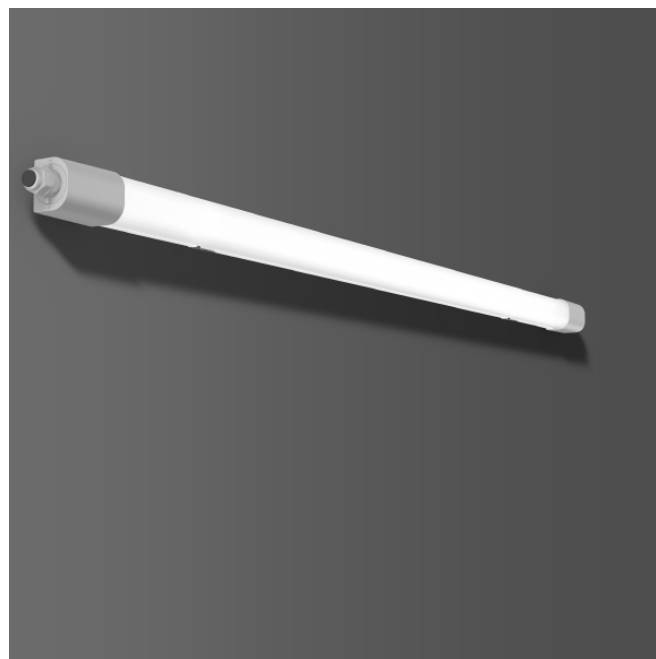
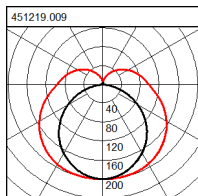
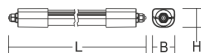


# Planox ECO

## 451219.009 | Surface-mounted damp-proof luminaires



Ceiling and wall luminaires  
4051859396819  
LED  
L 1669, B 61, H 50



Moisture-proof luminaire with slim, flat housing. Side panels: plastic, grey polycarbonate, shockproof. Diffuser: plastic (polycarbonate), opal, shockproof. Diffuser is extruded, prismatic inside and UV-resistant. Symmetrical light distribution. Homogeneous light distribution. Indirect light to illuminate the ceiling. Flexible installation through sliding mounting brackets. Ideal for luminaire replacement. Ceiling mounting stainless steel brackets and triangular brackets for pendant mounting included in the scope of delivery. Converter encapsulated, integrated and permanently connected to the diffuser and side panel. Luminaire with integrated 4-phase through-wiring to connect multiple luminaires. Cable screw fittings for convenient wiring. Turn lock fastener on both sides for easy installation. MultiLumen: 2 steps adjustable luminous flux. Factory setting is "H" (high lumen). Luminaires with limited surface temperature in accordance with DIN EN 60598-2-24 for use in environments in which a deposit of conductive dust on the luminaire can be expected. Suitable for use in the food and drink industry.

### Colour

Colour grey

### Dimensions

Length L 1.669 mm  
Width B 61 mm  
Height H 50 mm  
Weight 1,06 kg

### Lamp

Lamp LED  
Colour temperature 4000K  
Colour rendering index (CRI) 80  
Colour tolerance 4  
Rated life 50000 h (L80/B10)  
Photobiological safety according to EN 62471 Risk group 0

### Lighting technology

Colour temperature 4.000 K  
Rated luminous flux 4.700 lm  
Glare evaluation UGR (4H 8H) 1 24,9  
Beam angle 177° / 111°  
Colour temperature 2 4.000 K  
Rated luminous flux 2 6.800 lm  
Glare evaluation UGR (4H 8H) 2 26,2  
Beam angle Down 2 180° / 111°

### Electrical

Control gear Converter  
Voltage 220 - 240 V / 50 Hz, 60 Hz  
Luminaires on B10A fuse 11  
Luminaires on B16A fuse 18  
Luminaires on C10A fuse 18  
Luminaires on C16A fuse 30  
Inrush current / Inrush current duration 18.8 A / 84 µs  
Ripple current / Flicker 25 %  
System power 33 W  
Luminaire efficacy 143 lm/W  
System power 2 54 W  
Luminous efficiency 2 126 lm/W  
Power factor 0,91

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## Approbations

Type of protection	IP 66
Protection class	II
Filament test	850°C - 30 seconds
Impact resistance	IK08 (5 Joule)
Safety marks	D-mark
Ambient temperature min.	-30 °C
Ambient temperature max.	45 °C
ULOR	21,5 %
Conformity mark	CE, EAC
CIE Flux Code / CEN Flux Code	36 65 86 78 100
Energieeffizienzklasse 2019/2015	D
Non-maintained power mode	Umgebungstemperatur / temperature ambiante => -30 °C ... + 45 °C

## Accessories

982429.009	Turn lock fastening D 44, H 41
982430.000	Mounting brackets made of stainless steel (theft protection) for ceiling and wall mounting L 146, B 16, H 38
982179.009	End piece for turn lock fastener with D 25 mm D 25, H 13