

Indoor Wall and Ceiling light Swiss Solutions AL18

Indoor surface mount wall and ceiling light AL18

The AL18 is a surface mount wall and ceiling light intend for indoor applications such as commercial and residential spaces, schools, hotels, restaurant, shops and offices.
The luminaires are equipped with an electronic driver with the possibility to change light color (3.000, 4.000, 5.700K) and light output (100, 75, 50%). This adjustment is easy with the DIP-switches on the driver.
There is an option to equip the light with a microwave sensor



Technical properties:

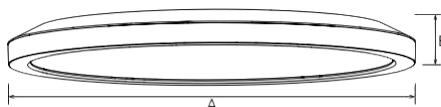
The driver is ON/OFF type electronic 220-230Vac, 50/60Hz.
Extra via the driver: 3-CCT DIP Switches for Light color (3.000, 4.000, 5.700K), Light output (100, 75, 50%).
Standard type is On/Off, with microwave sensor is optional.
With microwave sensor only on 18W light (no power DIP-switches).
Power factor: >0,9.
Protection IP54 and IK03. Insulation Class II.
Complies with relevant EMC regulations EMC emission EN5015, EN61000-3-2.
Suitable for persons with high sensitivity to UV radiation and blue spectrum part.

Housing: Polycarbonate RAL9016 white.
Diffuser: Opal Polycarbonate.
LED Light source SMD LED 3-CCT 3000K, 4000K, 5700K, CRI +80, MacAdam5.
Lightbeam: 110°.
Power consumption: 12, 18, 25 Watt (adjustable via DIP-switch 100, 75, 50%).
Light output: 1.280, 1.930, 2.400 lumen (Adjustable via DIP-switch 100, 75, 50%).
Fastening: Installation surface mount on wall or ceiling. Easy installation with Twist & Lock.
Dimensions: Ø250 (300, 400) x 27mm.

Calculated life time LED modules:
L80B10 ta25 - >50.000 hours.
Tolerance of luminous flux and power input of the lighting fixture +/- 10%.
For ambient temperatures of ta -20° up to + 45°C.
Manufacturers warrantee: 5 years.
Internal power supply included.
Not available as EM lighting luminaire.
Safety and EMC: Withstand voltage -, Isolation Resistance -,
Inrush current IEC61000-4-5(P<25W: L-N-500V), IEC/EN61000-4-5P=≥25W L-N:1KV, IEC/EN61000-4-5 (P<25W:L-N:500V).
EMC Emission EN55015, EN61000-3-2, EMC Immunity EN61000-4-2,3,,4,5,6,8,11:EN61547



Microwave sensor: Detection angle 140°
Detection range: 4-6m



Article numbers:



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Article No.	Description	Watt	Lumen	AxBxC mm	Ta (°C)	Light color	Light beam	Type
83SW4050	Swiss Solutions Surface Mount Light AL18-12	12/10/8W	1.280/1.100/940	Ø250x27	20°C≤ta≤45°C	3.000K 4.000K 5.700K	110°	On/Off
83SW4051	Swiss Solutions Surface Mount Light AL18-18	18/15/12W	1.930/1.670/1.400	Ø300x27	20°C≤ta≤45°C	3.000K 4.000K 5.700K	110°	On/Off
83SW4052	Swiss Solutions Surface Mount Light AL18-25	28/15/16W	2.400/1.970/1.750	Ø400x27	20°C≤ta≤45°C	3.000K 4.000K 5.700K	110°	On/Off
83SW4053	Swiss Solutions Surface Mount Light AL18-18M	18W	Microwave-Sensor	Ø300x27	20°C≤ta≤45°C	3.000K 4.000K 5.700K	110°	MW