

Swiss Solutions Indoor LED Surface Mount Luminaire DB1750

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Indoor surface mount LED luminaire for indoor applications such as workplaces, school classes, corridors, general lighting and other indoor areas.

The driver is ON/OFF type electronic 220-240Vac, 50/60Hz.

Optional drivers: DALI on request for the 1.200 & 1.500mm versions.

Power factor: 0,9.

Protection IP44 and IK06, Insulation Class I.

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: PPC Polycarbonate color RAL9016 white.

Diffuser: Opal Polycarbonate microprisma.

LED Light source 3000K, 4000K, 5000K, CRI +80 (4.000K is the standard color).

Lightbeam: 110°.

Power consumption: 19 up to 53 Watt with adjustable power output via DIP-Switch on the driver.

Efficiency: 160 lm/W

Light output: 3.040, 6.080, 8.480 lumen adjustable via the DIP-Switch on the driver.

Fastening: Direct surface mounting.

Dimensions: lengths in 600, 1.200 and 1.500mm.

Calculated life time LED modules:

L70B10 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.

Optional available in EM.

Optional available with Microwave sensor.

Manufacturers warrantee: 5 years.

Safety and EMC:

Protection: Short circuit protection (pass), Over voltage protection (pass), Over temperature protection (pass).

Withstand voltage I/P-FG: 1.5kVac, <5mA 60S.

Isolation Resistance I/P-O/P: 500VDC ≥2M Ω.

Surge IEC61000-4-5(P<25W:L/N-PE:1KV.

EMC Emission EN55015, EN61000-3-2.

EMC Immunity EN61000-4-2,3,4,5,6,8,11:EN61547.

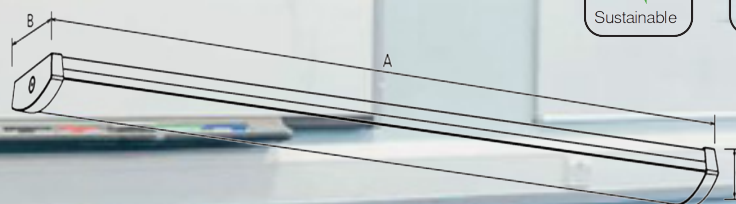


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Better Light Distribution due to the way the SMD LED's are placed inside the luminaire.

Better Temperature Control, heat transmission of the LED's doesn't affect the LED Driver



Article numbers:

Article No.	Description	Watt	Lumen	AxBxC mm	Ta (°C)	Light color	Light beam	Type
83SW6020	Swiss Solutions Surface Mounted Luminaire DB1750-19	19W	3.040	600x148x40	20°C≤ta≤45°C	4.000K	110°	On/Off
83SW6021	Swiss Solutions Surface Mounted Luminaire DB1750-38	38W	6.080	1200x148x40	20°C≤ta≤45°C	4.000K	110°	On/Off
83SW6022	Swiss Solutions Surface Mounted Luminaire DB1750-53	53W	8.480	1500x148x40	20°C≤ta≤45°C	4.000K	110°	On/Off
83SW6021D	Swiss Solutions Surface Mounted Luminaire DB1750-38D	38W	6.080	1200x148x40	20°C≤ta≤45°C	4.000K	110°	Dali
83SW6022D	Swiss Solutions Surface Mounted Luminaire DB1750-53D	53W	8.480	1500x148x40	20°C≤ta≤45°C	4.000K	110°	Dali