

Swiss Solutions LED outdoor light DB1690 IP65 IK08

SWISS SOLUTIONS Outdoor Linear Light DB1690 IP65

LED luminaire developed for outdoor use and use in areas with high humidity, such as shelters, parking garages, technical rooms, workshops, pump rooms etc.

The driver is ON/OFF type electronic 220-230Vac, 50/60Hz.

Power factor: >0,9.

Protection IP65 and IK08. 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: Polycarbonate color RAL7047 grey.

Diffuser: Opal polycarbonate.

LED Light source: SMD LED 3000K, 4000K, 5000K, CRI +80, MacAdam5.

Lightbeam: 120°.

Power consumption: 18, 33, 46 Watt.

Light output: 2.100, 4.000, 6.000 lumen.

Fastening: Direct surface mount fastening with the stainless steel mounting brackets,

free hanging with the optional wire hanging set.

Dimensions: 600/1200/1500mm x 66mm x 54mm.

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.

Manufacturers warrantee: 5 years. .

Protection tested and pass: Short circuit protection. Over voltage protection, Over temperature protection.

Safety and EMC: Withstand voltage I/P-O/P:3.75kVac, <5mA 60S, Isolation Resistance I/P-O/P:500VDC ≥4M Ω,

Surge IEC61000-4-5(P<25W: L-N:500V), IEC/EN61000-4-5 (P≥25W L-N:1kV).

EMC Emission EN55015, EN61000-3-2

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

Type TW = Through Wiring.



Article numbers 4.000K:

Article No.	Description	Wattage	Lumen output	AxBxC mm	Ta °C	Light Colour	Lightbeam	Protection
83SW6200	Swiss Solutions DB1690-18 TW	18	2.100	600x66x54	-20°C≤ta≤45°C	4.000K	WB >120°	IP65 IK08
83SW6201	Swiss Solutions DB1690-33 TW	33	4.000	1200x66x54	-20°C≤ta≤45°C	4.000K	WB >120°	IP65 IK08
83SW6202	Swiss Solutions DB1690-44 TW	44	6.000	1500x66x54	-20°C≤ta≤45°C	4.000K	WB >120°	IP65 IK08
83SW6203	Swiss Solutions DB1690-18	18	2.100	538x66x54	-20°C≤ta≤45°C	4.000K	WB >120°	IP65 IK08
83SW6204	Swiss Solutions DB1690-18	33	4.000	1138x66x54	-20°C≤ta≤45°C	4.000K	WB >120°	IP65 IK08
83SW6205	Swiss Solutions DB1690-18	44	6.000	1438x66x54	-20°C≤ta≤45°C	4.000K	WB >120°	IP65 IK08

Article numbers 5.000K:



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Article No.	Description	Wattage	Lumen output	AxBxC mm	Ta °C	Light Colour	Lightbeam	Protection
83SW6220	Swiss Solutions DB1690-18 TW	18	2.100	600x66x54	-20°C≤ta≤45°C	5.000K	WB >120°	IP65 IK08
83SW6221	Swiss Solutions DB1690-33 TW	33	4.000	1200x66x54	-20°C≤ta≤45°C	5.000K	WB >120°	IP65 IK08
83SW6222	Swiss Solutions DB1690-44 TW	44	6.000	1500x66x54	-20°C≤ta≤45°C	5.000K	WB >120°	IP65 IK08
83SW6223	Swiss Solutions DB1690-18	18	2.100	538x66x54	-20°C≤ta≤45°C	5.000K	WB >120°	IP65 IK08
83SW6224	Swiss Solutions DB1690-18	33	4.000	1138x66x54	-20°C≤ta≤45°C	5.000K	WB >120°	IP65 IK08
83SW6225	Swiss Solutions DB1690-18	44	6.000	1438x66x54	-20°C≤ta≤45°C	5.000K	WB >120°	IP65 IK08

Accessories:

Article No.	Description
83SW6228	DB1690 Free hanging Cable mounting set 1,5m

