

Swiss Solutions LED Watertight Luminaire B1300 IP68

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DUST & WATER PROTECTED LIGHT 220-240Vac

The Swiss Solutions series B1300 is a high quality product. The protection class of IP68 makes it very suitable for extreme dust and wet environments. It is a specifically developed and manufactured high-performance light fixture with a constant power Philips LED driver.

Material:

Anodized aluminium, PMMA, and stainless steel V4A components with C5-I (ISO 9223:2012) corrosion protection. Body color is opal white. The body tube is made of high quality PMMA for long life time and perfect light transmittance. Equipped with a high performance Philips LED driver with constant current. Control is on/off. Optional Stainless Steel AISI316L brackets are available for maritime applications.

Durable and resistant:

High quality materials for a durable light fixture, suitable in areas with challenging environments. The aluminium components ensures perfect heat dissipation. The tubular design prevents dirt building up on the luminaire. Only the best materials are used for this innovative LED luminaire.

Dustproof & water protected:

The driver is protected against temperature and moisture inside the luminaire. The LED module is mounted on an aluminium profile to ensure a good heat dissipation which protects the electronics against high temperatures.

With its IP68 protection all electronics are protected against dust, splash water and can even be submersed up to 1.5 meter continuous.

Typical applications:

- Maritime and offshore lighting
- Tunnel lighting
- Outdoor areas
- Technical rooms
- Workshops
- Shelters



Technical specifications:

Nominal voltage: 220-240Vac

Frequency: 50/60Hz

IP Protection Class: IP68

Impact Resistance: IK10

Protection Class: Class I

Tamb: -30°C - +40°C

Power factor: $\cos \phi \geq 0,95$

Lifetime Light Fixture: >104.000h

Power: Depend on type

Real lumen: Depend on type

Length: Depend on type, diameter 70mm

Light beam: 120° (L00C18-01 / L00C18-03)

Light colour: 4.000K (optional 3.000K, 5.000K)

Colour rendering: Ra >80

LB Value: L90B10

Housing: Aluminium, PMMA, Stainless Steel V4A

Protection housing: C5-I corrosion protection (ISO 9223:2012)

Diffuser: Opal PMMA

Cable: Not included

Plug: Not included

Warranty: 5 year

Optional: Stainless Steel cable hanger set (2 pcs).

Certifications:

CE Certified

Tests pass:

Short Circuit Protection

Over Voltage Protection

Over Temperature Protection

Safety & EMC

Withstand Voltage I/P-PE: 1.6Kvac, <5mA 60S

Isolation Resistance: I/P-O/P: 500Vdc, $\geq 100M \Omega$

Surge: IEC/EN61000-4-5 (L-N:1KV, L/N-PE:2KV)

EMC Emission: EN55015, EN61000-3-2

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

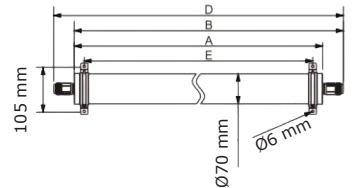
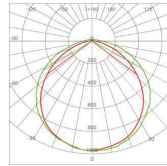
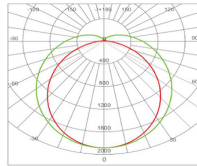
RoHS Certified.

ENEC Certified.



Optional:
Heavy Duty Mounting bracket
AISI316, Ø70mm
(2x needed per luminaire)

Polar View: 120° (L00C18-01 / L00C18-03)



Article numbers:

Article No.	Description	Voltage	Colour	Wattage	Lumen	Dimensions AxBxDxE	Weight kg.
83SW6010	Swiss Solutions LED Watertight Luminaire B1300	220-240 Vac	4.000K	50 W	7.000 lm	1500x1550x1600x1450	-
83SW6008	Swiss Solutions LED Watertight Luminaire B1300	220-240 Vac	4.000K	40 W	5.600 lm	1200x1250x1300x1150	-
83SW6009	Swiss Solutions LED Watertight Luminaire B1300	220-240 Vac	4.000K	20 W	2.800 lm	600x650x700x550	-
83SW6011	Swiss Solutions Cable hanger set	-	-	-	-	-	-
83SW6012	Swiss Solutions 70mm stainless steel bracket	-	-	-	-	Ø70mm (2x needed)	0,32

