

Swiss Solutions LED Luminaire H1900 IP69K

Swiss Solutions LED Watertight Luminaire H1900 IP69K

DUST & WATERTIGHT LIGHT FOR HARSH ENVIRONMENTS AND FOOD PRODUCTION 220-240Vac
The Swiss Solutions, LED luminaire withstands the harsh conditions and is food-grade approved.



It is a powerful, compact LED light for use in the food industry but also for other harsh and wet environments. The IP69K ingress protection (100 bar), NSF certification and its very chemical resistance gives the user a piece of mind. Suitable for areas with frequent rinsing or daily hygiene. With its durable construction and reliable performance, the H1900 linear LED food-grade light is the perfect solution for ensuring the safety and hygiene of your food processing equipment.

Material:

The housing is made of anti-corrosion aluminium (alloy) with a PMMA diffuser. The luminaire has rounded surfaces to make it easy to clean. The luminaire diffuser contains NO glass, completely made of high quality PMMA which is stronger than glass and with its high surface hardness it possesses the highest surface hardness of all thermoplastics, making it very scratch resistant. Red and Blue LEDs are available upon request, suitable for poultry applications.

Reliable:

High reliability and a long service life >90.000h are standard, low UGR (glare factor) <22 for pleasant light.

Dustproof & water protected:

The luminaire is IP66 and IP69K (100 bar 85°C water cleaning) dust and water protected. A ventilation diaphragm avoid condensation and improves performance.

Mounting:

Suspended mounting or with optional ceiling brackets.

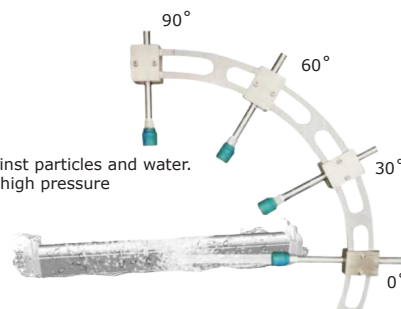
Typical applications:

- Food processing
- Washing facilities
- Industry
- Slaughterhouses
- Use in wet areas



IP69K Tested

Highest protection against particles and water.
High temperature and high pressure



Technical specifications:

Nominal voltage: 220-240Vac

Frequency: 50/60Hz

IP Protection Class: IP66 - IP69K

Protection Class: Class I

Tamb: -30°C - +45°C (continuous operation)

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

Lifetime Light Fixture: >90.000h

Control: ON/OFF or DALI

Power: Depend on type

Real lumen: Depend on type

Length: Depend on type

Light beam: 120° standard (optional 6 others)

Light colour: 4.000K (optional 5.000K)

Colour rendering: Ra >80

LB Value: L70B10

Housing: Aluminium (alloy)

Diffuser: PMMA (UGR<22)

Cable: Not included

Plug: Not included

Warranty: 5 year

Certifications:

CE Certified
RCM certified, combining electrical safety, electromagnetic compatibility (EMC) and telecommunications compliance.
RoHS certified
ENEC certified
NSF certified



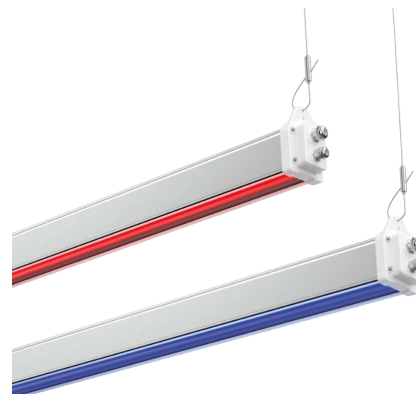
Special high pressure breather valve

Avoids condensation and improves luminaire performance.



Optional ceiling bracket

For direct ceiling mounting.



RED and BLUE light colors

Specific wavelengths that trigger certain behavioral patterns in poultry during production and processing.

RED: reduces aggression
BLUE: Calms and reduces activity

Article numbers:

Article No.	Description	Voltage	Colour	Wattage	Lumen	Dimensions AxBxC	Weight kg.
83SW6150	Swiss Solutions LED Luminaire H1900	220-240 Vac	4.000K	70 W	9.450 lm	629x86x114	2,3
83SW6151	Swiss Solutions LED Luminaire H1900	220-240 Vac	4.000K	120 W	16.200 lm	1209x86x114	3,5
83SW6155	Swiss Solutions Ceiling bracket set	-	-	-	-	-	-

