



DATASHEET XION LED LIGHT

- IK10, IP69K;
- Ready for High Temperature and High Pressure Wash-down;
- Resistance to : Ammonia 5%, Carbonic Acid, Food Oils, Fats;
- Suitable for High Ambient Temperature Applications.
- Dimmable 0-10 V





Livestock Stable



Poultry Stable



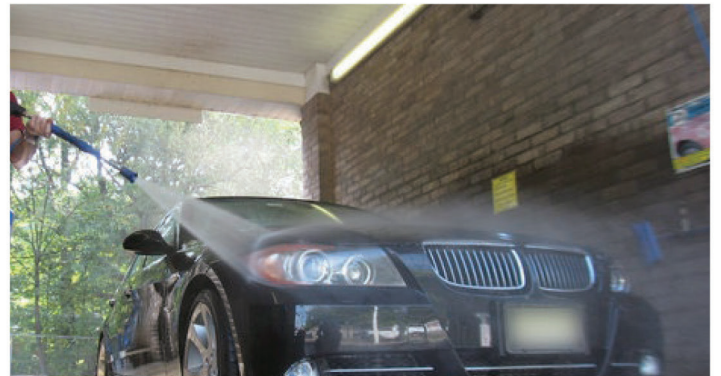
Food Processing Factory



Beverage Processing Factory



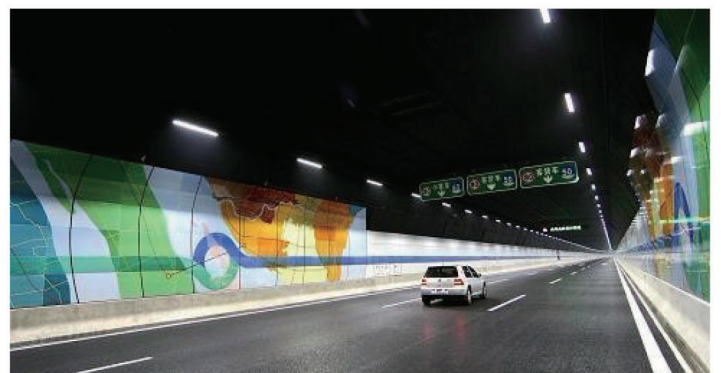
Tableware Cleaning



Carwash



Chemical plant



Tunnel

Harsh Environment Applications

Product Code	IL-WP12040K4H	IL-WP15060K4H
Dimension(LxWxH)	1190 * 96 * 78mm	1490 * 96 * 78mm
Power Consumption	40W	60W
Luminous Flux (Standard)	4400lm	6600lm
LED Quantity(PCS)	240	364

LED Brand	HONGLI	Input Voltage	200 ~ 240Vac
Beam Angle	110	Power Factor	> 0.95
CCT	4000K	IP Rate	IP69K
CRI	80+	IK Rate	IK10
MacAdam Ellipse	Within 5 Steps	Lifetime	L70B20 > 50,000 Hour
Warranty	5 Years (Normal Applications) 3 Years(Harsh Environment Applications)		
Ambient Temperature	-40℃ ~ +45℃ Please contact sales for extreme high ambient temp. applications		

Applications	Hazardous Chemical Agents	Aluminum Base
Livestock & Poultry Stables	Ammonia 5%	Resistant
Food Processing Factory	Food Oils	Resistant
	Fats	Resistant
Beverage Processing Factory	Carbonic Acid	Resistant
Tableware Cleaning	Food Oils	Resistant
Car Wash Truck Wash	Petrol	Resistant
	Detergent Liquid	Resistant
Chemical Plants	Acetone	Resistant
	Ethyl Ether	
	Methanol	
	Phenol	
	Benzene	
Seaside Buldings	Salt Air	Resistant
Tunnel	Vehicle Exhaust	Resistant

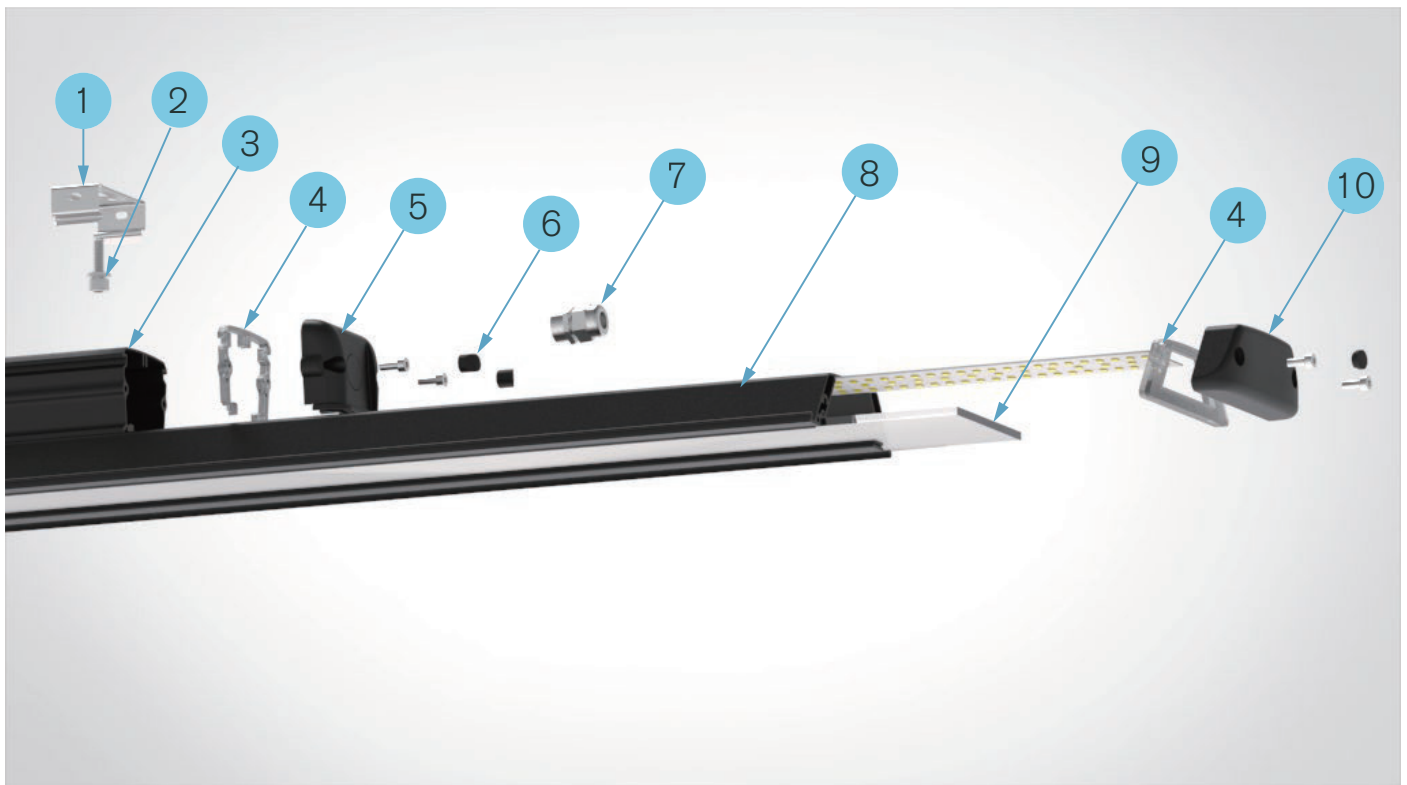
What is IP69K?

The IP69K rating is for applications where high temperature and high pressure wash-down is used to clean and sanitize equipment. The rating was established in 1993 as an extension to the IEC 60529 standard which was initially developed for road vehicles that required intensive cleaning such as dump trucks and cement mixers. The Food and Beverage industries have adopted the IP69K rating as a durability test for products which are subjected to the daily sanitation process. The "6" applies to external protection from dust. The "9" signifies protection from close range high-pressure spray-downs and the "K" applies to the high-temperature of the water used during the spray-downs.

The IP69K test requires the water pressure to be between 80 and 100 bar, at a rate of approximately between 14 and 16 liters per minute at a temperature of 80 celsius degree. The nozzle from which the water is sprayed is between 10 and 15 centimeters from the product. The spray is applied at angles of 0°, 30°, 60° and 90° for 30 seconds for each angle while the product is rotated at 5 times per minute.

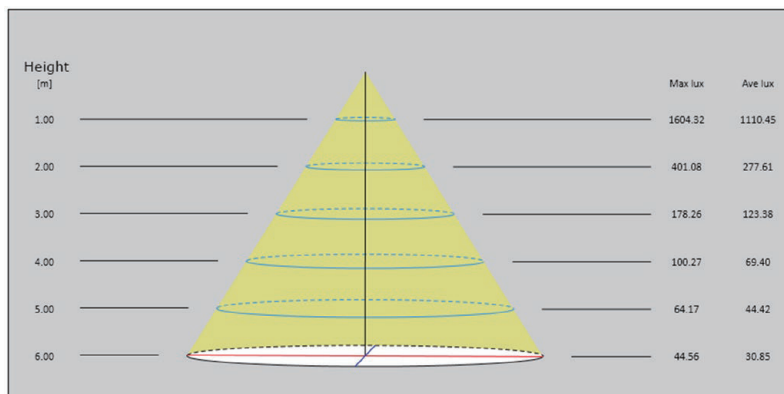
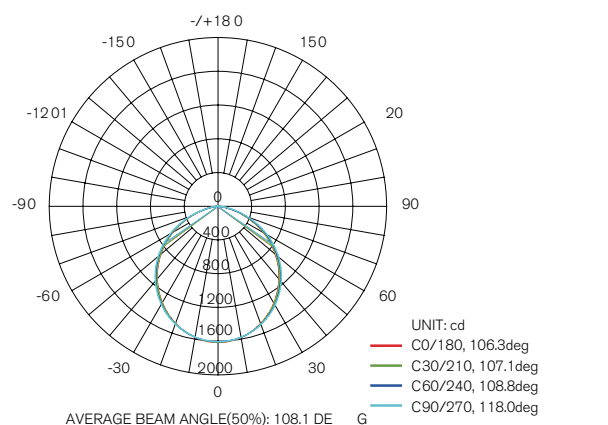


Structure



N	COMPONENTS	MATERIAL	N	COMPONENTS	MATERIAL
1	Mounting clips	SUS316	6	Waterproof Plug	Silicone
2	Mounting screws	SUS316	7	Cable gland	SUS316
3	Driver box	99% Purity aluminum	8	Heat sink	99% Purity aluminum
4	Waterproof gasket	Silicone	9	Front cover	4mm tempered glass
5	Driver box	97% Purity aluminum	10	Heat sink end cap	97% Purity aluminum

Optical parameters



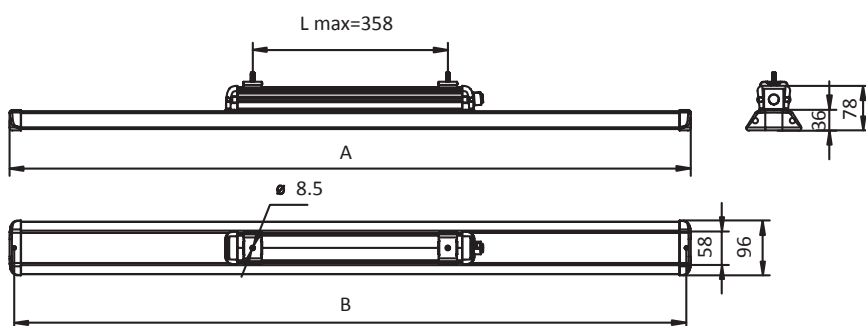
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Installation

Surface mounted



Dimensions (mm)



	IL-WP12040K4H	IL-WP15060K4H
A	1190	1490
B	1174	1474

Packaging

PRODUCT	PCS / CTN	CARTON SIZE (MM)	WEIGHT (KG)
IL-WP12040K4H	4	1300 x 250 x 195	15
IL-WP15040K4H	4	1600 x 250 x 195	18