

PS-CORROSION

IP69K washdown-proof LED batten for food, farm and wet areas

IP69K WASHDOWN

PRODUCT DESCRIPTION

PS-CORROSION is built for areas cleaned with high-pressure, high-temperature water jets. A seamless PMMA tube with 304 stainless steel end caps resists corrosion and chemicals, making it ideal for food and drink processing, poultry and livestock houses, vehicle washes, cold rooms and marine environments.

- › IP69K for high-pressure, high-temperature washdown
- › IK10 impact rated
- › 150 lm/W: 60 W gives 9,000 lm
- › Tridonic driver, L70B10 >102,000 h
- › PMMA tube, 304 stainless steel end caps
- › Through-wiring, linkable in series



IP69K
Washdown



IK10
Impact rated



150 lm/W
Efficacy



5 Years
Warranty

APPLICATION: FOOD, FARM AND WASHDOWN AREAS

Made for the toughest cleaning regimes

Poultry and livestock houses, meat and dairy processing, breweries, vehicle washes and cold stores all face daily washdowns, ammonia and cleaning chemicals. The sealed PMMA body and stainless steel end caps keep water and dirt out and keep light levels high for years.

IP69K sealed

Withstands close-range high-pressure, high-temperature water jets used for hygienic washdown.

Corrosion proof

PMMA tube with 304 stainless steel end caps resists ammonia, salt and cleaning agents.

Efficient

150 lm/W with a Tridonic driver: 9,000 lumens from 60 W, DALI dimming available.

Quick to install

Through-wired and linkable in series, with stainless steel mounting clips.

Impact resistant

IK10 rating for areas with equipment, livestock or vehicle traffic.

Wide range

Operates from -20°C to +45°C with 1 kV / 2 kV surge protection; L70B10 >102,000 h.

CERTIFICATION



CE to EN IEC 60598-2-1 and EMC standards.

PS-CORROSION Technical data

IP69K washdown-proof LED batten for food, farm and wet areas

SPECIFICATION

Input voltage	220 to 240 V AC
Power	20 / 40 / 60 W
Luminous flux	3,000 / 6,000 / 9,000 lm
Efficacy	150 lm/W
LED / driver	Bridgelux / Tridonic
Power factor / THD	>0.95 / <15%
Colour temperature	4000K standard; 3000 to 6500K to order
CRI	Ra >80
IP / IK rating	IP69K / IK10
Surge protection	1 kV DM / 2 kV CM
Operating temperature	-20°C to +45°C
Lifetime	L70B10 >102,000 h
Housing	PMMA tube, aluminium heat sink, 304 stainless steel end caps
Wiring	Through-wired, linkable; cable 3 x 1.0 mm², 0.8 m
Mounting	Suspension or surface, stainless steel clips
Dimensions	600 / 1200 / 1500 x 81 x 81 mm
Warranty	5 years



Cable entry and stainless end cap



Stainless steel end cap and clip

WHAT IP69K MEANS

IP69K is the highest ingress protection rating for road vehicles and hygienic equipment, defined in ISO 20653. The fitting is sprayed at close range with hot water at high pressure from four angles, the same conditions it meets in daily washdown with a pressure washer.

80°C

Water temperature

80 to 100 bar

Spray pressure

100 to 150 mm

Nozzle distance

0, 30, 60, 90°

Spray angles, 30 s each

TECHNICAL SPECIFICATIONS

Product	Power	Lumen output	Efficacy	Length x diameter	CCT
PS-CORROSION 20	20 W	3,000 lm	150 lm/W	600 x 81 mm	3000 to 6500K
PS-CORROSION 40	40 W	6,000 lm	150 lm/W	1200 x 81 mm	3000 to 6500K
PS-CORROSION 60 LARGEST	60 W	9,000 lm	150 lm/W	1500 x 81 mm	4000K

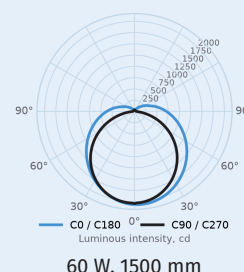
OPTIONS AND ACCESSORIES

- › Stainless steel mounting clips
- › Link cable for series connection
- › DALI dimming version

IDEAL FOR

- › Poultry and livestock houses
- › Food, drink and dairy processing
- › Vehicle and truck washes
- › Cold rooms and marine areas

LIGHT DISTRIBUTION



5 YEARS
WARRANTY

Every Polaris Light fitting carries a 5-year warranty. Ask us for a free lighting design for your washdown or farm environment.