

LUMESTRA TRI-PROOF IP69K-IK10

HIGH RESISTANCE

An exceptional fixture that can withstand almost anything. With the high-quality stainless steel end-caps and PC or PMMA housing, this fixture is resistant to high water pressure, salt water, ammonia and all kinds of chemical cleaners. Depending on the environment, this luminaire can be assembled with the right components for each application. This fixture can really be used in any harsh situation.



AREAS OF APPLICATION

Extremely aggressive environments
(Livestock) farms
Food processing / Abattoirs
(Car) washing stations
Vessels / Machinery
Stations / Parking garages / Buildings

BENEFITS

Applicable in extremely harsh environments
Dust and waterproof (up to 100 bar and 80°C)
Gas proof and impact resistance
Good resistance against chemical cleaners and ammonia
Wide beam angle of 120°
Easy and solid installation
High luminous flux with uniform light distribution



FEATURES

Luminous efficiency up to 150 lm/W
Long lifespan >50.000 hours
IP69K protection class with IK10 impact resistance
Different materials for end-cap available: AISI 316 / 304
Different housing materials available: PC / PMMA / Other
Different installation methods (surface, suspended)
Optional: dimmable 1-10V / DALI / Zigbee / Bluetooth



GENERAL TECHNICAL DATA

Input power	AC200-240V / AC100-277V
Frequency	50/60hz
Powerfactor	>0,95
CRI	>80
IP rating	IP69K
IK rating	IK10 (PC) / IK06 (PMMA)
Working temperature	-30°C ~ +50°C
Led module(s)	Non replaceable
Led driver	Tridonic / Lifud / other brands are optional
Color temperature	3000K / 4000K / 5000K / 6000K
Beam angle	120°
End-cap material	AISI 316 (standard) / AISI 304 (optional)
Housing material	Polycarbonate (standard) / PMMA (optional) / Other materials available on request
Housing color	White (frosted) (standard) / Transparant (clear) (optional)
Mounting options	AISI 304 mounting clamps / AISI 304 fixed mounting brackets / Stainless steel adjustable suspension cable (suspended)
Control options	Dimmable 1-10V / DALI / Zigbee / Bluetooth
Connection options	Fixed cable (+- 50 cm.) (standard) / Easy connect linkable connectors (optional)
General options	Emergency battery pack (non linkable fixture) / Low UGR <16
Quality mark	CE, RoHS
Expected useful lifespan (L90)	>50.000 hours

MODEL SPECIFICATIONS

Model (wattage)	20 Watt	30 Watt	40 Watt	60 Watt
Dimensions	Ø80 x 605 mm.	Ø80 x 905 mm.	Ø80 x 1205 mm.	Ø80 x 1505 mm.
Luminous flux with 110-130 lm/W (Frosted)	2.200 - 2.800 lm.	3.300 - 4.000 lm.	4.400 - 5.300 lm.	6.600 - 7.800 lm.
Luminous flux with 130-150 lm/W (Clear)	2.600 - 3.200 lm.	3.900 - 4.600 lm.	5.200 - 6.000 lm.	7.600 - 9.000 lm.
Weight	0,8 kg.	1,4 kg.	1,8 kg.	2,0 kg.

Note: Values shown are subject to ±10% tolerance.

