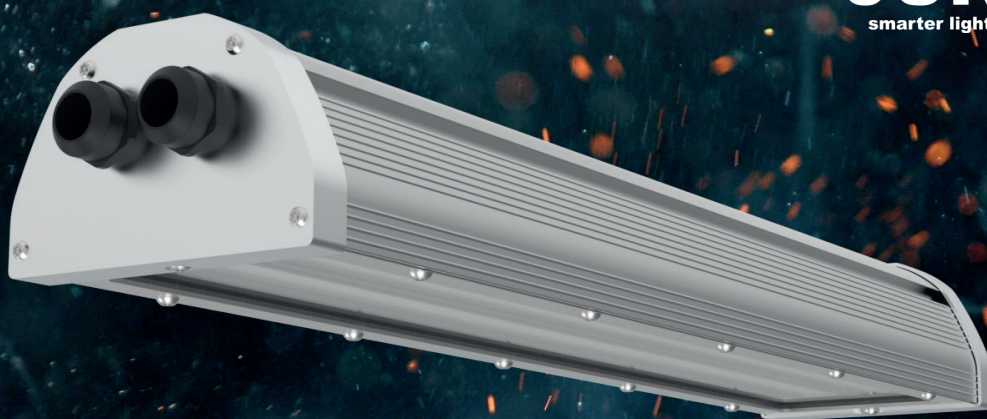




ALH-06/12

The light unit

JUKO ALH is a product made specially for industrial environments with extreme ambient temperatures. It will work perfectly in paper industries, steel industries and other environments where normal LED lights will fail.

The frame of the luminaire is designed to efficiently transfer heat away from key components, making it one of the most trustworthy and functional solutions for challenging environments.

Due to the exceptional heat transfer capabilities, the luminaire can be used even in ambient temperatures up to +100°C.

JUKO ALH luminaire utilizes scalable centralized power supply. We can customize the project size to fit every need, from a few luminaires to hundreds.



ALH System with one power unit. This system has one power unit with 2 channels. One channel can feed 4xALH-06 or 2xALH-12 luminaires.

MECHANICAL PROPERTIES

Frame	Extruded aluminum
Cover	Speciality glass clear / opaque
Optics	PMMA
Fasteners	A4
Installation	Ceiling / Wall / Pole
Installation adapters	Optional
Adjustability	-45° ... +45°
Weight	5 kg (ALH-06) / 10 kg (ALH-12)

ELECTRICAL PROPERTIES

Nominal voltage	Customizable
Type of power supply	Centralized supply
Power	Customizable

LIGHT PROPERTIES

LED Type	High Power LEDs
Color temperature	4000K
Color rendering index	80-89
Lumen output	4 000 - 16 000
Efficacy	~140
Lifespan L80 (Ta 75°C)	100 000 h
Beam	65° / 120°

COUPLING

Fast connectors	Yes
Through wiring	Depending on the system

OTHER

IP Rating	IP66 / IP67
Country of origin	Finland
Guarantee	5 years
IK Rating	IK10

ALH Power supply Unit

VA0090220 // VA0090221 // VA0090222

JUKO ALH Power supply unit comes in three different variations, which all have the same power unit inside, the difference is the amount of units mounted inside the enclosure.

VA0090220 - 1 Power Unit 540W - 2 Channels
VA0090221 - 2 Power Units 2x540W - 4 Channels
VA0090222 - 3 Power Units 3x540W - 6 Channels

1 channel is capable of powering 4x JUKO ALH-06 light units or 2x JUKO ALH-12 light units.

The light units will come supplied with Wieland fast connectors for easy installation.



Power Unit 540W-230V-PROG-DALI-1_10V-BI

IK Class	IK09
IP Class	IP66
Controlling options	ON/OFF; PROG-DALI: 1-10V; BI
Protection Class	1
Ta Class max. (°C)	40
Ta Class min. (°C)	-20
Input Voltage (VAC)	198-264
Max power (W)	540
Inrush Current	15 A; T=170us @ 230VAC T=10% of IPeak
Frequency (Hz)	0/50/60
Input Voltage (VDC)	175-275
Power factor	0,97
Housing material	Stainless Steel
Certificate	CE
Manufacturing country	Finland
Lifetime	50000h
Warranty	5 years
Storage humidity	Non condensing, 5-95%

System overview

