

JUKO LUX

smarter light. better performance.

JUKO ALH

**CENTRALIZED POWER SUPPLY FOR
DEMANDING ENVIRONMENTS**

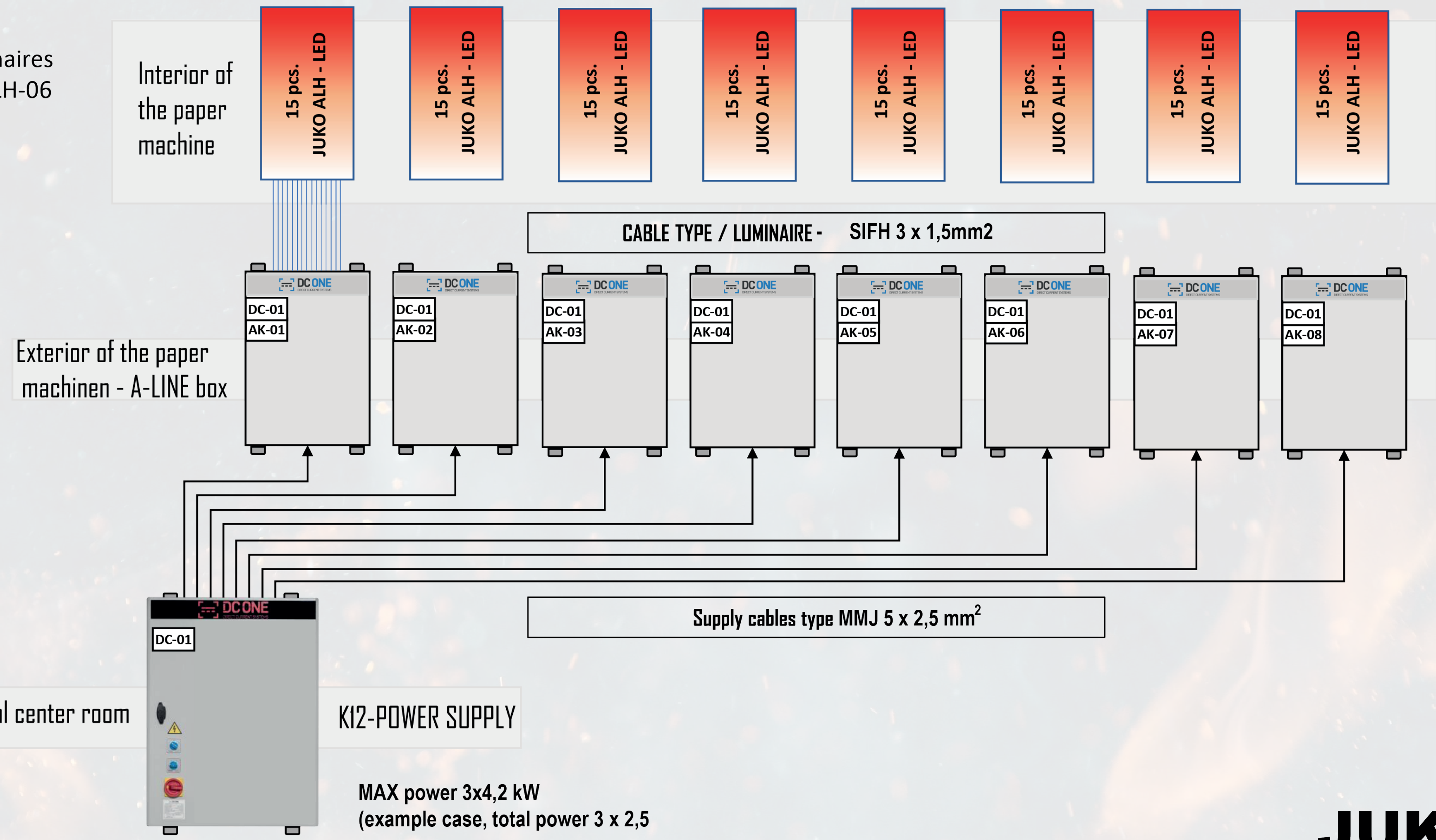


JUKO ALH has been designed to be used in the most challenging environments. In metal industries JUKO ALH solution has been used in steel smelting facilities and hot rolling mills. In paper and pulp industries it has been used in lighting the hoods of paper/pulp machines.

- 1. Power supply unit away from the luminaire. The highest possible ambient temperature will be defined by the location and power output of the power supply. One must also factor in the length of the connecting cable that can not exceed 60meters.**
- 2. Centralized power supply. Lights can be used in up to +100°C ambient temperatures. The power supply unit will be based in the electrical distribution center. Risers will be connected to the the light distribution enclosures where the light unit protection and monitoring is also located. Lights can be installed over 100meters away from these enclosures.**

Basic idea of the centralized power supply. Example is representing a project of 120 lights for a paper machine. Power unit located in the technical center. Riser will be taken to the lighting enclosures, where the protection and monitoring is also located.

120 pcs. LED-luminaires
JUKO ALH-12 or ALH-06
(power max. 60W)



A-LINE - ANALOGIC LED CONTROLLER

A simple solution that will last well in demanding environments. A-Line controlled LED luminaires can be installed into environments where normal solutions are not suitable due to problems with power supply units.

- **Up to 350W**
- **Versatile protection and monitoring capabilities**
- **Current can be adjusted to fit the customer needs**



K12 MODULAR DC-POWER SUPPLY

Compact power supply that can be mounted on a wall. Suitable for indoor and outdoor use. Can be fed with single phase or 3-phase. Monitoring and protection.

SIEMENS Logo industrial automation as an option. Control and adjustability of lights, can be optionally equipped with cooling, battery backup and control systems.

