

Centerline LED light Type ILRCLD

A complete centreline light (ILRCLD) consists of substructure, grooved plate and light, whereby the substructure is the same for all variants.

The grooved plate is available with a heating system.

The Centerline RCL light complies with the guidelines according to ICAO Annex 14 for Runway Centre Line of categories I, II and III.

The ILRCLD is controlled by constant input voltage with PowerLineControl PLC.

Lights with PLC are controlled and monitored via the lighting bus system BBS. The light intensity is programmed according to the specifications, and operating data from the light is continuously transmitted to the BBS.



Features

Light head and grooved plates are largely made of aluminium. Therefore, weight of the light is low and handling in the field is easy.

The light is mounted flush with the surface of the runway, there are no protruding parts. This minimizes vibrations on the aircraft landing gear as well as light. This increases lifespan of light, especially its lamp.

The flush mounting method prevents tyre damage and is insensitive when ploughing snow.

Residual water and rainwater enter the water drainage system through special drainage openings, thus ensuring optimum light emission even under difficult weather conditions.

A built-in electric heater in the grooved plate prevents the accumulation of ice and snow.

For maintenance work the complete light head can be removed and replaced within seconds using a collet chuck. No adjustment work is required.

If necessary, the complete grooved plate can be removed and replaced.

Technical data

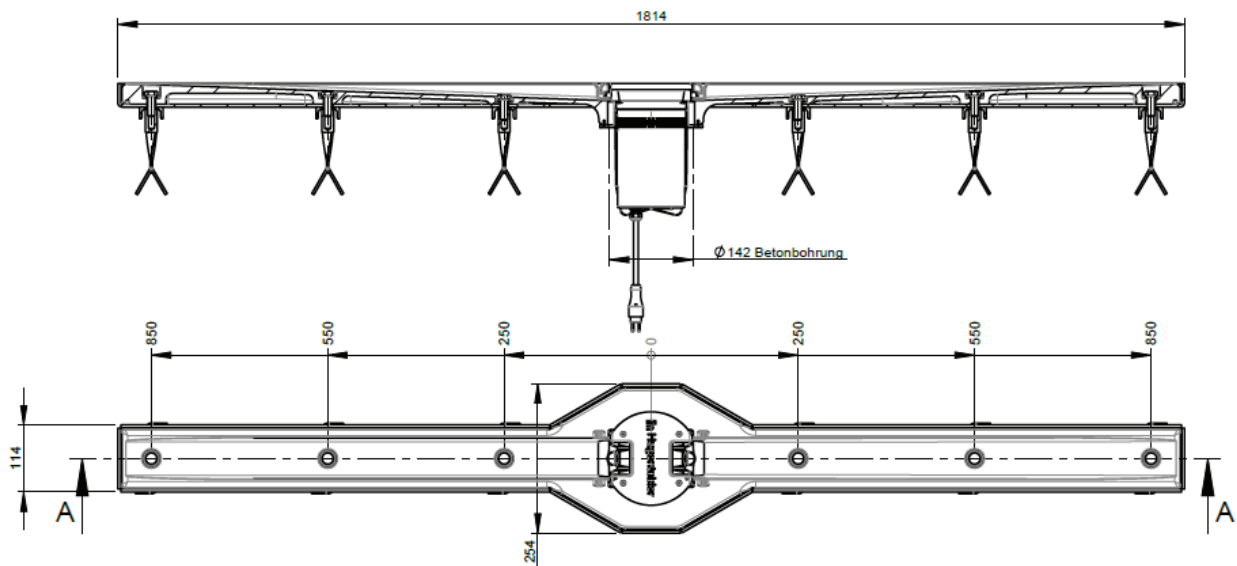
Light head	Aluminium casting	
Base plate	Aluminium casting	
Substructure	Chromium steel	
Protection	IP 68	
Weight	3.5 kg light head 11.6 kg base plate 15.1 kg substructure	
Source of light	LED	
Temperature	-25°C to +70°C	
Tension	48V AC max.	
Power Pmax.	white/white	33W
	red/white	25W
	white/red	25W
Light intensity	white	9'857 cd
	red	2'000 cd

Order Information Light

Order number	ILRCLD/2-ZHR-c1/c2-P-C	
Color (c1)	W	white
	R	red
Color (c2)	W	white
	R	red
Type	P	parallel circuit
Controls	C	Powerline

Order Information Grooved Plate

Order number	ILRCLD/2-ZHR-RP-48	
Tension	48	48V AC (parallel system)



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