

KLM159 DC LOW POWER BUS DOOR LIGHT ROUND

KUERZI
avionics

Datasheet

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Description

The KLM159 DC LOW POWER BUS DOOR LIGHT ROUND is an LED light source offering excellent illumination everywhere in the cabin. The light is dimmable and produces 260 lux at maximum power, measured in one meter distance. To illuminate large cabins optimally several lights can be stacked together. The KLM159 operates up to an ambient temperature of 70°C and has an integrated active temperature limitation circuit, which prevents it of exceeding 80°C internally.

The product meets aviation standards and requirements and is delivered with an EASA Form 1. The applicable approval can be provided by us specifically for your aircraft type.

Features

- LED lights
- 260 lux
- 3800-4500 Kelvin light temperature
- Dimmable
- 28VDC power supply
- Temperature limitation to max 80°C
- Stackable for variable lengths and formations

Application example

The KLM159 is operational in cabins of civil operated helicopters. It can be installed as single light source or as a part of our EMS Modular Mission System (MMS). This includes different lighting solutions with their respective control units. The EMS MMS with its modular design fits into every type of cabin of any size to meet your needs.

On your request the KLM159 can be altered or adapted to your requirements.

Similar products that also might interest you:

KLM154 DC Low Power Bus Door Light 1/2 Open
KLM155 DC Low Power Bus Patient Light Flat
KLM158 DC Low Power Bus Patient Light Flat NVIS
KLM159 DC Low Power Bus Door Light Round
KLM160 DC Low Power Bus Patient Light Round 1/3
KLM161 DC Low Power Bus Patient Light Round 2/3 NVIS
KLM136 Dimming Box

Technical Specifications

Nominal Operating Input Voltage	28.00 V
Max Operating Voltage	32.2VDC
Nominal Operating Input Current	120 mA
Max Operating Temperature	+70°C
Pressure Limitation	Designed to 25'000ft

Environmental Specifications according DO-160 / ED-14

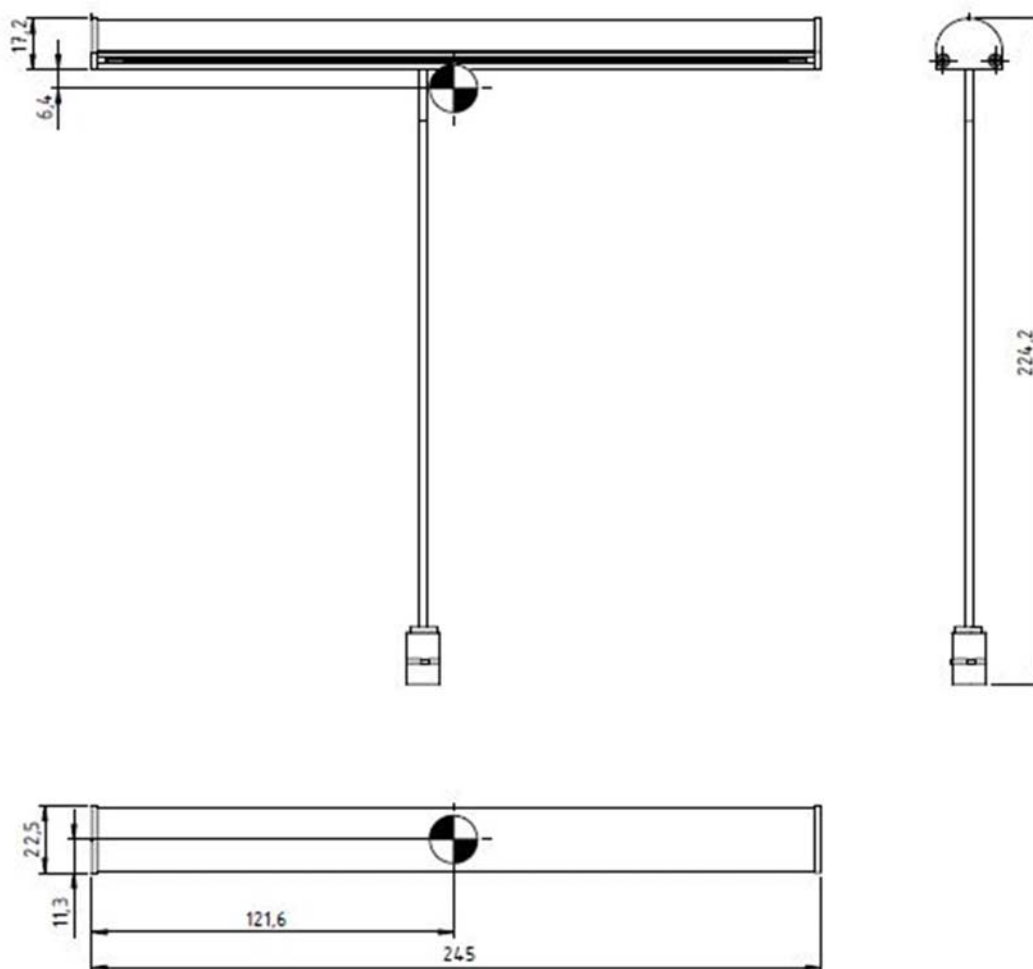
Emission of Radio Frequency Energy	DO-160G Section 21 Cat. M
Fire, Flammability	DO-160G Section 26 Cat. C

Mechanical Dimensions

Weight of the unit 75.00 Gr

Weight of the unit including required installation materials (w/o wiring) 80.00 Gr

All dimensions [mm]



Configuration / Ordering Data

Part Number	Type	Description
1212911.21	KLM159	DC low power bus door light with round cover

Additional Parts for installation:

Qty	Part Number	Description
1	SJS830100	INLINE PLUG, SOCKET, 8POL, W/O CONTACTS
8	M39029/57-354	CONTACT, SOCKET, AWG22-28
2	504-401-000	FASTENER CLAMP
1	1212911.12.20	KPL113 DC LOW POWER BUS JUNCTION 3 PORT
1	1212911.12.30	KPL113 DC LOW POWER BUS JUNCTION 6 PORT