

# KLM158 DC LOW POWER BUS PATIENT LIGHT FLAT NVIS

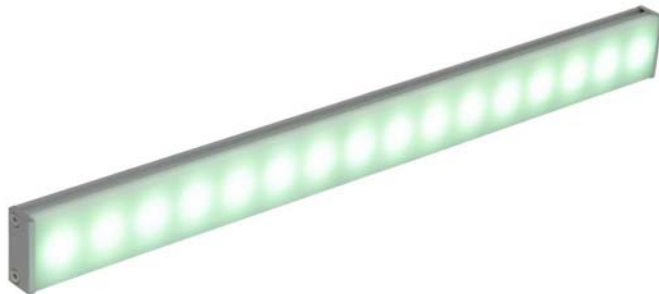
**KUERZI**  
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## Datasheet

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## Description

The KLM158 DC LOW POWER BUS PATIENT LIGHT FLAT NVIS is an LED light source with NVIS filter. This allows visibility in the cabin without blinding or distracting the flight crew operating with night vision imaging system (NVIS). To illuminate large cabins optimally several lights can be stacked together. The KLM158 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 with NVIS filter
- 40 lux (without night vision goggles)
- Dimmable
- 28VDC power input
- Temperature limitation to max 80°C
- Stackable for variable lengths and formations

## Application example

The KLM158 is operational in cabins of civil operated helicopters that operate with night vision imaging system. 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 for day and night vision operation. The EMS MMS with its modular design fits into every type of cabin of any size to meet your needs.

On your request the KLM158 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  
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  
KVM105 DC Low Power Bus Control Panel

## Technical Specifications

Nominal Operating Input Voltage	28.00 V
Max Operating Voltage	32.2VDC
Nominal Operating Input Current	350 mA
Max Input Current	3.00 A
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

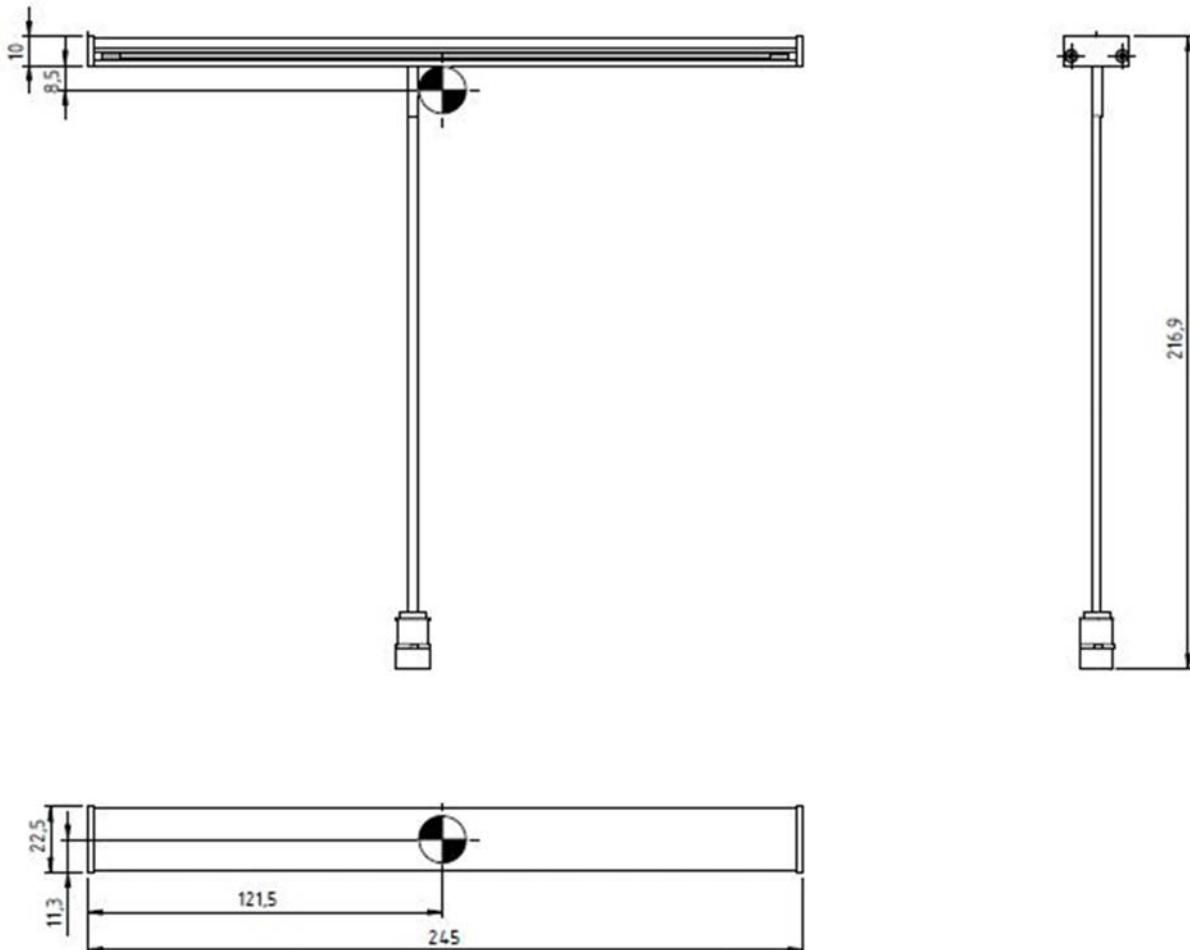
Weight of the unit

78.00 Gr

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

83.00 Gr

All dimensions [mm]



## Configuration / Ordering Data

Part Number	Type	Description
1212911.20	KLM158	DC low power bus patient light with flat cover and NVIS filter

### 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