

# KLM161 DC LOW PWR BUS PATIENT LIGHT ROUND 2/3 NVIS

## Datasheet

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## Description

The KLM161 DC LOW PWR BUS PATIENT LIGHT ROUND 2/3, NVIS is an LED light source with NVIS filter. This allows visibility in the cabin without hindering the flight crew operating with night vision imaging systems (NVIS). The KLM161 produces an arc of light of 120° which allows for an installation that does not blind the cabin crew. It operates up to an ambient temperature of 70°C and has an integrated active temperature limitation circuit, which prevents the light 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
- 40 lux (without NVG)
- 120° arc of light
- Dimmable
- 28VDC power supply
- Temperature limitation to max 80°C
- Stackable for variable lengths and formations

## Application example

The KLM161 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. There are also NVIS solutions available for night vision operations.

On your request the KLM161 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  
KLM136 Dimming Box  
KVM105 DC Low Power Bus Control Panel

## Technical Specifications

Nominal Operating Input Voltage	28.00 V
Max Operating Voltage	32.2 VDC
Nominal Operating Input Current	350 mA
Max Input Current	3.00 A
Max Operating Temperature	+70°C
Pressure Limitation	Designed to 25'000 ft

## 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

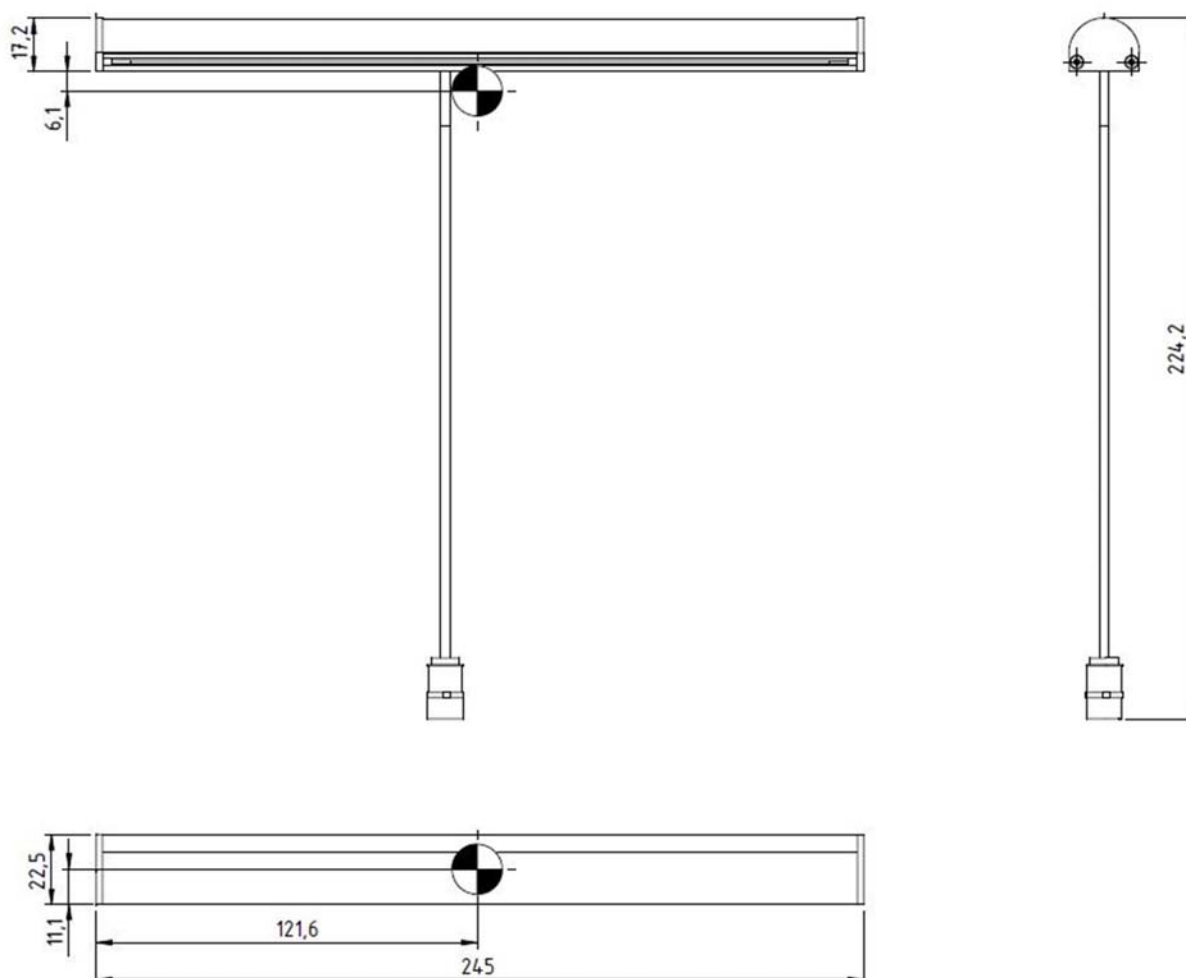
Weight of the unit

92.00 Gr

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

97.00 Gr

All dimensions [mm]



## Configuration / Ordering Data

Part Number	Type	Description
1212911.23	KLM161	DC low power bus patient light with round cover and NVIS filter and 120° arc of light

### Additional Parts for installation:

Qty	Part Number	Description
8	M39029/57-354	CONTACT, SOCKET, AWG22-28
1	SJS830100	INLINE PLUG, SOCKET, 8POL, W/O CONTACTS
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