



ALDEBARAN® Flatlite 900, constant voltage

Aldebaran Flatlite

Article No.: **14F1903002**

5.040

REAL-LUMEN

Description

The ALDEBARAN® FLATLITE is an innovative lighting concept in which current LED technology (LED strips) in a robust and flat lamp body is used. ALDEBARAN® FLATLITE lights are ideally suited for use in confined environments and flat spaces such as containers or passenger compartment. The system is designed to be mounted on ceilings or walls, wherein the screw connection can take place directly and invisible by the removable corner caps or alternatively with custom brackets at the rear of the lamp.

If you need a homogeneous, flicker-free and space-saving and energy-saving lighting for containers, confined spaces, cabins or vehicle bodies, then the FLATLITE system with only 25 mm total height is exactly the right choice. It also meets the highest safety requirements that it has put in many, military tests to the test. The modular system is composed of 5 basic types, optionally with louvers or frosted glass, with either 230 V or main network with 12/24 V vehicle electrical system can be operated.

In spite of the low heat build all flat lites for flame retardancy with a polycarbonate windscreen are equipped. The system can be used in ambient temperatures ranging from -40 ° C to +59 ° C and should be handled by the low weight and the rounded edges and corners very well.

If needed, the Flat Lites according to DIN EN 12464-1 and DIN 5035-7 can be equipped for the lighting of computer workstations. may further sämtliche variants with increased CRI value ($R_a \geq 90$) are supplied, for example, for use in medical rooms. If the height is not limited, a structural frame can also be mounted in which cabling and power supplies can hide.

Product Highlights

- Very flat construction
- Extremely resilient and flame resistant
- Optional with frame

Technical Specifications

General Data

Attribute	Value	Unit
Brand	ALDEBARAN®	
Series	FLATLITE	
Model	900	
Temperature (min)	-40	°C
Temperature (max)	+59	°C

Technical Specifications (cont.)

General Data

Attribute	Value	Unit
Dimensions	944 x 364 x 25	mm

Lighting Data

Attribute	Value	Unit
Luminous Flux (real)	5040	lm
Colour Temperature	4000	K
CRI	>80	

Electrical Data

Attribute	Value	Unit
Input Voltage	24	V
Type of Current	DC	
Power Consumption	48	W
Protection Class	III	
Wiring	1(+)/2(-)	

Accessories

Other

Article No.	Image	Name
1410000970		Magnet Set Flatlite 300-1200
146F900060D		Power supply dimmable 230V/18-30V/2A/0-10V (LPF-60D-30)
146F900100		—

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