



ALDEBARAN® FLATLITE 300

- The **ALDEBARAN®** Flatlite is an innovative lighting concept which integrates the latest LED technology (LED strips) in a robust and flat light fixture, predestined for the usage in confined spaces. The Flatlite system is designed for the installation on ceilings or walls, whereby fastening can take place with the help of removable corner pieces, or optionally with customised mountings on the back of the lamp.
- If you are looking for a homogeneous, flicker-free, as well as a space and energy saving lighting for containers, cabins or vehicle bodywork, this Flatlite system is the right option for you. It comes with different designs, which enable operation with a 230 V main circuit or a motor vehicle wiring system.
- Despite low heat generation, all Flatlites are equipped with a polycarbonate front pane for fire safety. The system operates in surrounding temperatures of -40°C to $+59^{\circ}\text{C}$ and guarantees easy handling due to rounded corners and edges.

Optional

- If necessary, Flatlites can be equipped for illumination of work stations with computer screens according to DIN EN 12464-1 and DIN 5035-7. Furthermore, various versions can be fitted with CRI value ($R_a \geq 90$) LEDs in order to illuminate rooms for medical treatments.

Technical Data

<i>Electrical Data</i>	FLATLITE 300 STANDARD	FLATLITE 300 BN^{*1}	FLATLITE 300 BAT^{*2}	FLATLITE 300 BAT BN^{*3}
Input voltage	230 V	19-32 V DC	230 V	19-32 V DC
Power consumption	16 W	16 W	16 W	16 W
Rated Current (24V)	0.66 A	0.66 A	0.66 A	0.66 A
<i>Photometric Data</i>				
Illuminant	SMD 5050 LED	SMD 5050 LED	SMD 5050 LED	SMD 5050 LED
Luminous flux approx.	1.013 lm	1.013 lm	1.013 lm	1.013 lm
CRI	>80	>80	>80	>80
Colour temperature approx.	4000 K / 5000 K	4000 K / 5000 K	4000 K / 5000 K	4000 K / 5000 K
Life time approx.	50.000 hrs	50.000 hrs	50.000 hrs	50.000 hrs
<i>General Data</i>				
Ambient temperature	-40 °C to +59 °C	-40 °C to +59 °C	-40 °C to +59 °C	-40 °C to +59 °C
Dimension (LxWxH) approx.	374 x 364 x 25 mm	374 x 364 x 25 mm	374 x 364 x 25 mm	374 x 364 x 25 mm
Weight approx.	2.7 kg	2.7 kg	2.7 kg	2.7 kg
Item-No.: (fixed supply 4000 K)	14F1303002	14F1303001	14F1303052	14F1303051
Item-No.: (plug / coupling 4000 K)	14F1303007	14F1303006	14F1303057	14F1303056
Item-No.: (fixed supply 5000 K)	14F2303002	14F2303001	14F2303052	14F2303051
Item-No.: (plug / coupling 5000 K)	14F2303007	14F2303006	14F2303057	14F2303056

*¹ **BN = Vehicle power supply**

*² **BAT = Workstation lighting**

*³ **BAT BN = Workstation lighting with vehicle power supply**