

ALDEBARAN® DUO COLOR

- The **ALDEBARAN® DUO COLOR** – in short **ADC®** -gives you the possibility to set the right color temperature with a wiper according to your requirement profile. **ADC® works with a remote control system from 3.000 bis 6.000 K. That means in the application from cool white to warm white.**

OUR ADC® SYSTEM

is currently designed for tents up to 80m². The system is limited only by the range of the hand-held sensor of max. 20 meters radius of action. This system works well in medium-sized tent and room systems. The number of luminaires to be operated is unlimited. **ALDEBARAN® DUO COLOR** is infinitely variable - from the computer workstation to the oasis of well-being - in terms of lighting technology, nothing stands in the way.

Our smart LED technology is not only energetic at the highest level, but also the light quality and intensity leave nothing to be desired.

PRODUCT FEATURES

- Ideal for tents of up to 80m²
- Easy control via remote control system
- Integrated color switching
- Integrated dimming function

INCL. ALDEBARAN DUO COLOR REMOTE

Integrated hand sensor for determining the desired color temperature

Range is 20 meters
Remote: 2.4 GHz

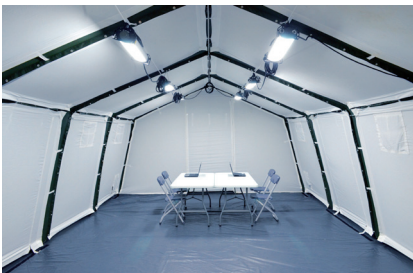


The maximum lumen readings given for products with the REAL Lumen (RL) quality seal are basically real values in relation to the total product incl. Reflector, diffuser etc. and corresponding not only to the theoretical max. Values of the used light source. For this purpose, we measure appropriately labeled products in our own light laboratory under real conditions of use.

TECHNICAL DATA

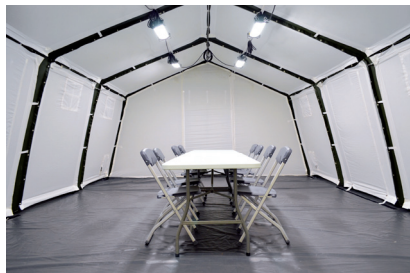
| <i>Electrical Data</i> | |
|--------------------------------------|---|
| Input Voltage | 100-230 V AC, 50/60Hz |
| Connected load | H07RN-F 3G1,5, 5m |
| Power consumption | 50 W |
| <i>Photometric Data</i> | |
| Luminous flux (REAL Lumen)* | 3,900 lm |
| Color temperature | 6000 °K (<i>cw = cold white</i>) 4000 °K (<i>nw = cold and warm white</i>) 3000 °K (<i>ww = warm white</i>) |
| CRI | >84 |
| Life time | 50,000 hrs |
| <i>General Data</i> | |
| Housing | Aluminium |
| Lens | PMMA (opaque) |
| End cap | Polyphor |
| Ambient temperature | -32 °C to +49°C |
| Dimensions (LxBxH) approx. | 565 x 160 x 105 mm |
| Weight | 3,5 kg |
| Schuko socket (opposite) | IP54 |
| Item no.: (incl. Hand sensor) | 141718906 |

* Lumen = Lm / The „REAL Lumen“ are REAL measures light leakage quantities.



CONCENTRATION PHASE (6500°K)

For example, if you need to use your laptop or to work at full concentration, then we need our body hormone cortisol. From **6000 K (coldwhite)** colour temperature of the light, cortisol is available 100% in or body, just like in an early morning.



RELAXATION PHASE (4500°K)

Break times, in turn, are recreational times, in which one is strengthened in a brief resting phase for the next challenges. Mix the colour temperature to e.g. **4.500 K (neutralwhite)**, the cortisol, which keeps us awake, is absorbed in the body by about 50% melatonin, which promotes recovery.,



RESTING PHASE (3000°K)

After work, you should relax. Lower the colour temperature to **3000 K (warmwhite)**, and now 100% of the cortisol is stopped. Pure relaxation ensures, just like with a sunset.