

## SYSTEM OF DECORATIVE RGB ILLUMINATION

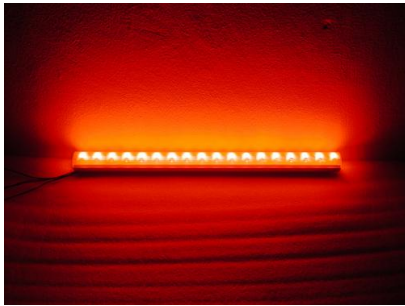
### Description

Designed to decorative RGB illumination (in static and dynamic modes) in cabins of aircrafts thus provides additional comfort for passengers.

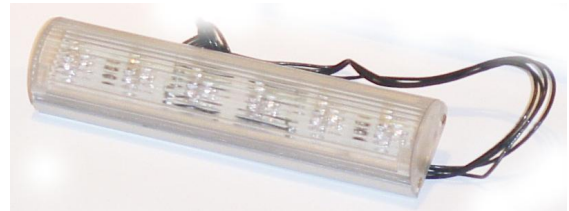
### System components:

- Ø RGB LED Lamps (P/N 332208.100)
- Ø Controller (P/N 467451.001) provide individual adjustment of three main colors (R, G, B) and theirs mixing in any ratio.

### RGB LED LAMPS (P/N 332208.100)



Part Number	Length (L), mm	Maximum power consumption, W	Weight, kg
331208.100.100	155	1.5	0.15
331208.100.200	255	2.5	0.18
331208.100.300	455	3.5	0.36
331208.100.400	405	3.5	0.32
331208.100.500	605	5.0	0.45
331208.100.600	705	6.0	0.52
331208.100.700	855	7.5	0.62
331208.100.800	905	7.5	0.65



- Ø Aluminum case
- Ø Polycarbonate lens with holographic diffuser
- Ø Modular construction
- Ø Colors: red (R), green (G), blue (B)
- Ø Powering and control of RGB LED lamps realized by controller (P/N 467451.001)



### CONTROLLER (P/N 467451.001)



- Ø Lighting effects: color wash (color transition from color to color), pick and fix color (static display of a single color).
- Ø Capability of integration in multiprocessor system by CAN interface
- Ø Connector: DRB9FA

Input voltage, VDC	27 ± 5%
Power consumption, W	3
Total power of controlled RGB LED lamps, W	up to 50
Number of output channel	3
Current of red channel, A	0.6
Current of blue and green channels, A	0.8
Color range	2 <sup>24</sup>
Interface	CAN
Rate of exchange, baud	9600
Operating temperature range, °C	-20 ... +85