



LED Reading & Table Lights

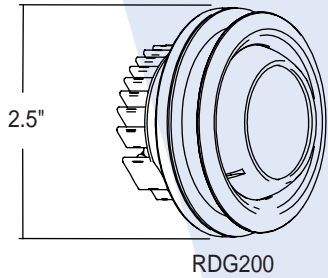
LED Lighting Systems

Welcome to the next generation of lighting. Cool and warm colors in different brightness levels to coordinate with your Heads Up cabin wash lighting systems. Heads Up Technologies' LED reading and table lights are durable and provide the right amount of light where you want it, so you can be more productive.

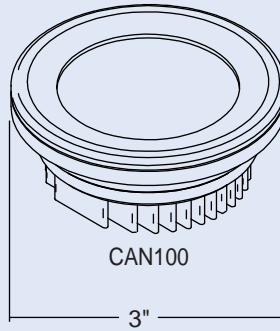
A complete range of lighting solutions are available - to fit smaller cabins to the largest interiors. Select from any of our compact designs, all providing exceptional thermal management to pull heat away from the electronics and extend the life of your investment. Dimmable, hundreds of plating options, adjustable spot sizes - you select what is best, but all are based on rugged LED technology. These light-weight, low-voltage units deliver true color. You can count on Heads Up to meet your lighting needs.



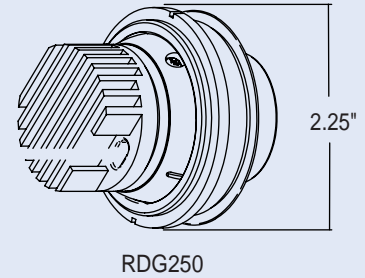
HEADS UP TECHNOLOGIES



RDG200



CAN100



RDG250

Lighting Specifications*

Heads Up Technologies' LED reading and dome/table lights offer many great features.

Performance Benefits

LED lights are fully dimmable from zero -to- full bright using Pulse Width Modulation techniques. Our lighting system controllers provide control interfaces to facilitate installation in a variety of situations. And, high brightness LED's can generate more light per watt than incandescent or cold cathode counter parts, giving you more light for less power.

Improved Reliability

Heads Up designs virtually eliminate failures associated with thermal stress. All designs have been through multiple rounds of HALT (highly accelerated life test) as a reliability enhancement tool. Industrial-grade LED's offer significantly greater lifetime and performance at extreme temperatures than consumer-grade LEDs.

Next-Generation LEDs.

LED lighting systems are only as good as the LEDs themselves. You can count on Heads Up to work with leading LED manufacturers to bring you the latest LED technology, often before it's available in the general marketplace. Only the brightest, whitest, most efficient, coolest-running LEDs make the cut.

Turn Key Solutions.

Complete your cabin lighting by including Heads Up patented upwash/downwash elements, accent lights, mounting brackets, power supplies, and connectors. We'll work directly with your other sub-tier suppliers to ensure complete and correct integration. Stepping up to LED technology is easier than you think!

The Bright Choice.

Simplify your cabin lighting solutions -- switch to Heads Up! The latest LED technology. The best designs. Call Heads Up at (972) 980-4890 or visit us on the web at www.heads-up.com to learn what great LED lighting can do for you. OEM inquiries welcome.

Optical Characteristics

- Illuminance**
- Color Temperature Range
- Dimming Range

Contact Factory
Contact Factory
Available step dimming or full variable dimming

Electrical

- Nominal Input Voltage
- Input Current (Max Brt Elements)

28 VDC
RDG200 - 0.10 Amp
RDG250 / RDG270 - 0.25 Amp
CAN100 - 0.20 Amp
RDG250 or RDG270
- 4 steps with use of PSM120.
Yes

- Max Number of Dimming Steps

- Reverse Polarity Protection

Physical

- Plating Options

Yes - Contact factory for 'Plating Specification Chart'

- Weight
- Width (O.D.)

0.3 lbs (136 grams)
RDG200 - 2.50" (6.35cm)
RDG250/RDG270 - 2.19" (5.56cm)
CAN100 - 3.00" (7.62cm)
RDG200 - 1.60" (4.06cm)
RDG250 - 2.12" (5.38cm)
RDG270 - 2.78" (7.06cm)
CAN100 - 1.24" (3.15cm)

- Depth

PSM120 Dimming Controller

- Height
- Width
- Depth
- Weight

0.67" (1.70cm)
2.20" (5.59cm)
2.59" (6.58cm)
0.35 lbs. (159 grams)

Environmental

- Storage Temperature
- Operating Temperature

-67F to 185F (-55C to +85C)
5F to 131F (-15C to +55C)

Testing/Certification

- Hardware - Environmental
- Software

14 CFR PART 21
RTCA DO-160E
N/A

* Specifications subject to change without notice. Please contact factory for latest specifications.

**Incident measurement made on 1m lighting element at 1m distance.



HEADS UP TECHNOLOGIES

2033 Chennault, Suite 100
Carrollton, Texas 75006-5097
Phone 972.980.4890
Fax 972.980.4843
www.heads-up.com