

LED Reading & Table Lights

LED Lighting Systems

Cabin

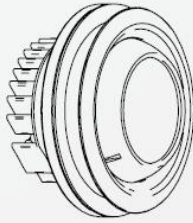


Our LED reading and table lights provide the right light, in the right place.

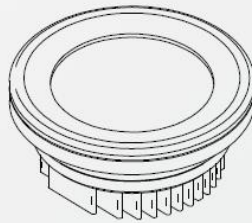
Our LED reading and table lights provide the right amount of light, where you want it. We offer a complete range of lighting solutions to fit anything from smaller cabins to the largest interior spaces. You can choose from an array of compact designs, all of which provide exceptional thermal management to pull heat away from the electronics and extend the life of your investment. Our lightweight, dimmable, low-voltage reading and table lights are based on durable LED technology and deliver true color. They also offer adjustable spot sizes and hundreds of plating options. To make a bold design statement, cool and warm colors in different brightness levels can be coordinated to complement your Heads Up cabin wash lighting systems. For brighter ideas in lighting, call Heads Up today.

LED Reading & Table Lights

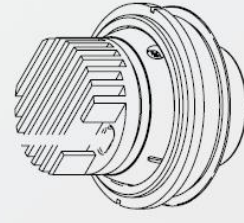
LED Lighting Systems



RDG200



CAN100



RDG250

Optical Characteristics

Luminance	Contact Factory
Color Temperature Range	Contact Factory
Dimming Range	Available step dimming or full variable dimming

Electrical

Nominal Input Voltage	28 VDC
Input Current (Max Bright)	
RDG200	0.10 Amp
RDG250	0.25 Amp
CAN100	0.20 Amp
Max No. Dimming Steps (RDG250/RDG270)	4 (with use of PSM120)
Rev Polarity Protection	Yes

Physical

Plating Options	Contact factory for Plating Specification Chart
Weight	0.3 lbs (136 grams)
Width (OD)	
RDG200	2.50" (6.35cm)
RDG250/270	2.19" (5.56cm)
CAN100	3.00" (7.62cm)
Depth	
RDG200	1.60" (4.06cm)
RDG250	2.12" (5.38cm)
RDG270	2.78" (7.06cm)
CAN100	1.24" (3.15cm)
PSM120 Controller	
Dimensions	0.67"x2.20"x2.59" (1.70x5.59x6.58cm)
Weight	0.35lbs (159 grams)

Environmental

Storage Temperature	-67°~185°F (-55°~85°C)
Operating Temperature	5°~131°F (-15°~55°C)

Testing/Certification	14 CFR PART 21
Hardware - Environmental	RTCA DO-160E

Specifications subject to change without notice.

Performance Benefits.

High brightness LEDs can generate more light per watt than incandescent or cold cathode parts, giving you more light for less power. Our 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.

Improved Reliability.

Our 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. We also use industrial-grade LEDs, which offer significantly greater lifespan and performance at extreme temperatures than consumer-grade LEDs.

Next-Generation LEDs.

Not all LED solutions are created equal. At Heads Up, we work with leading LED manufacturers to bring you the latest LED technology, often before it is available in the general marketplace. Only the brightest, whitest, most efficient and coolest-running LEDs make the cut.

Turn Key Solutions.

Coordinate your cabin lighting by including our 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. With Heads Up, upgrading to LED lighting is easier than you may think.

Innovation Obsessed. Solution Driven.

Heads Up was formed for one purpose: To elevate the aviation experience for pilot and passenger by providing the most innovative cockpit, cabin and aviation electrical solutions in the industry. For information on this or any of our other products, or to discuss how Heads Up can help make your vision a reality, contact us today at info@heads-up.com or call 1.800.367.4770.