

# G2 LED | HL Series

## High Bay Lighting



### Product Overview

G2LED High Bay LED Lighting converts conventional light fixtures into the most energy efficient and environmentally friendly lighting sources available today.

G2LED Lighting can be installed as new lighting or can easily retrofit existing lighting without the need for additional fixtures. The G2LED High Bay offers directional control and minimizes light migration outside the targeted light footprint, instantly improving visibility.

People will notice the difference in light quality and how it best showcases the product or task at hand.

Fixtures come standard with a sleek surround to maximize efficiency and efficacy. Customers can request other surrounds or retrofit previous surrounds to the new G2LED unit.

### Applications

- Retail Stores
- Manufacturing
- Gymnasiums
- Warehouse
- Convention Centers
- Garage
- Anywhere with high ceilings

### HL Series Variations

Product Code	LED Watts	Lumen	Suggested Height
HL-0045	45	4500	20'
HL-0085	8500	8500	24'

### Key Benefits and Features

- Significant Energy Savings
  - Reduce energy consumption by 50-85%
- Increased brilliancy and light quality
  - Produces a more visible "white light"
- UV Free | Surprising fact that FL has UV
  - Attract fewer insects
  - No fading of packaging, photos or art
- Customize the look to fit your décor'
  - Specify the "surround" for your area
- Instant On
- Lower heat emission
- Military grade construction
- Install as new or as a retrofit to existing lighting
- Patented (US and International) LED technology

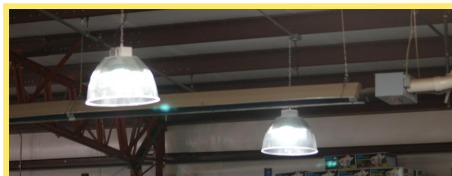
### Supports Green Initiatives

- 100 Mercury Free
- No Toxic Materials
- 160,000 light hours per LED unit
- Made in the USA
- International Dark-Skies Association
  - Full cutoff compliant
- Exceeds Energy Independence and Security Act requirements



**MADE IN THE USA**

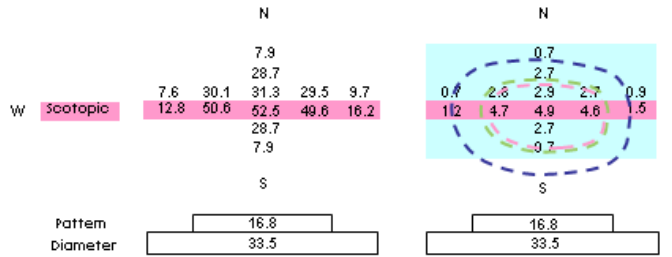
Designed, engineering and manufactured in Texas, USA by Ringdale Technologies.



## Photometrics

The schematic below shows the light level measurements for a Ringdale LED High Bay Light at a mounting height of 17 feet.

The green circle shows a Photopic 2 ft. candle zone, approximately 12 feet in diameter. The blue circle shows a 1 ft. candle zone, approximately 25 feet in diameter. The pink circle shows a Scotopic 4 ft. candle zone, approximately the same size as the 2 ft. Photopic circle.

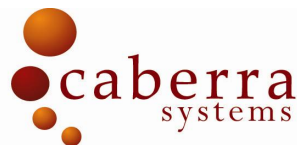


## Specifications

Product Numbers			
Light Output	13.0 lws Replaces 150, 250, 400 watt fixtures	Finishes	Standard: White or brown Custom colors and surrounds available
Voltage	Universal 100v-277v	Fixture Design	Commercial grade aluminum surround Fixture utilizes standard 3 wire connection
Power	Up to 84 watts	Input Voltage	100-277V AC
Power Factor	>.95	Operating Temp.	-40...+60° C
Color Temp.	3500K, 4100K, 5500K	Efficacy	85-160 Lumens/Watt - 5500 CT 85 Lumens/Watt - 3500 CT, 4100 CT
LED Performance	Generation 2 LED SE x4	Scotopic Advantage	Factor x1.7
Warranty	5 year	Patents	3 international patents
		Standards	International Regulatory CE# 1601-09A

## Factory Installed Options

- Motion Sensor
- Battery Backup
- Light Space Management™ from Ringdale



Headquarters  
47025 WCR 26 ½  
Wiggins, CO 80634  
Main: 970.506.0525  
Fax: 970.373.4552

Sales and Channel Management  
Direct: 970.690.7568  
sales@g2led.com

[www.G2LED.com](http://www.G2LED.com)