



RH1-RFL: LED High Bay for Retail

Light Up Your Products

Increase Sales^{1,2} & Cut Your Energy Bill³

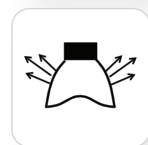
Does your store look dull even though you exceed the required floor light levels? The cause is dark walls, dark products, and a dark ceiling.

Customers do not judge brightness by the floor. They judge it by the walls, ceiling, and products, where your brand lives.⁴ Filamento's RH1 puts 2x the light on products and walls, and 53% more on the ceiling than a standard high bay.



Bright Uniform Floors

Even illumination across horizontal surfaces. Maximizes visibility and safety.



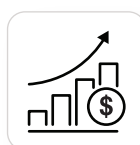
Bright Ceilings

Dedicated 15% uplight. The store reads tall and open, not like a cave.



Products Up to 2x Brighter

Up to 2x the light on walls and rack faces. Products and signage read from across the store.



Increase Same Store Sales^{1,2}

Shoppers in brighter stores pick up more items.⁵



No Glare Looking Up

Glare shield hides the LEDs. UGR<25. Comfortable shoppers linger longer.



Highly Aesthetic Glow

Soft, uniform floating appearance. Elegant jewel-like visual effect.

1. Sales up 10% with lighting the only change: Zumtobel field study, Gerry Weber, Herford, 2014.

2. Sales up 40% in retail chain: Heschong Mahone Group for PG&E, 1999.

3. 136W versus a 166W high bay, same layout: 18% less energy and 38% more floor light per watt (0.60 versus 0.43 FC/W).

4. Areni and Kim, 1994. Summers and Hebert, Journal of Business Research, 2001.

5. Shoppers rated downlight-only stores lower on style and price image than the same stores with lit walls: Schielke and Leudesdorff, Lighting Research and Technology, 2015.

RHI-RFL High Bay Fixture Technical Specifications

Design Highlight

Control Ready Connector

- ✓ Tool-free sensor installation.
- ✓ Industry-standard 3-pin receptacle.
- ✓ Supports PIR, Wireless, BMS Integration.

Optic 1: Custom Lens

- ✓ Low-glare downlight distribution.
- ✓ IP65 wet-location protection.

Custom LEDs

- ✓ Market-leading lumen efficiency.
- ✓ Proprietary LED construction.

Optic 2: Custom Refractor Dome

- ✓ Uniform vertical wall wash.
- ✓ Crystal-clear jewel-like diffuser.
- ✓ Bright, even illumination

Optic 3: Custom Glare Shield

- ✓ Creates efficient 15% uplight.
- ✓ Blocks direct LED glare.
- ✓ Bug Proof: IP5x on Optic3 and Optic 2 Assembly



Key Features



Certifications



*For LED + lens compartment and for LED Driver.
IP5x on dome and glare shield.

Example Applications

Store Formats:

Warehouse Clubs, Home Improvement, Supercenters, Grocery, Sporting Goods, Shoe Warehouses, Big Box Retail

Store Areas:

Sales Floor, Front End, Garden Center, Receiving

Also Used In:

Distribution Centers, Manufacturing Plants



Filamento Installation USA

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