



LED Highbay Fixture, 240W, 36000lm, 5000K, IP66, 1 - 10V Dimmable

- Delivers 36,000 lumens at 240W for 150 lm/W efficacy
- 5000K color temperature with CRI of 70
- IP66-rated aluminum housing for wet and outdoor locations
- 1 - 10V dimmable driver with 120-degree beam angle
- Rated for -20 to 40 degrees C ambient operation
- ETL, DLC and RoHS certified with 1-year warranty

OVERVIEW

The Lumipro RA Series LED Highbay is a commercial and industrial overhead lighting fixture designed for warehouses, manufacturing facilities, gymnasiums, and large retail spaces requiring high-output illumination at elevated mounting heights. The aluminum housing carries an IP66 rating, supporting use in wet or outdoor-rated locations, with an operating temperature range of -20 to 40 degrees C. The fixture operates at 240W and delivers 36,000 lumens at 5000K CCT with a CRI of 70, yielding an efficacy of 150 lm/W and an LED lifetime of 50,000 hours. It runs on 120-277V input, includes 1-10V dimming, and projects a 120 degree beam angle. The RA Series is ETL, DLC and RoHS certified and carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

|                   |                |
|-------------------|----------------|
| Luminous Flux     | 36,000 lm      |
| Efficacy          | 150 lm/W       |
| Color Temperature | 5,000 K        |
| CRI               | 70             |
| Beam Angle        | 120°           |
| LED Lifetime      | 50,000 h       |
| Light Color       | White          |
| Lens Type         | Tempered Glass |

MECHANICAL

|          |          |
|----------|----------|
| Finish   | Black    |
| Material | Aluminum |

ORDERING

|          |     |
|----------|-----|
| Warranty | 1 y |
|----------|-----|

ELECTRICAL

|                   |           |
|-------------------|-----------|
| Operating Voltage | 120-277 V |
| Wattage           | 240 W     |

ENVIRONMENTAL

|                               |                        |
|-------------------------------|------------------------|
| IP Rating                     | IP66                   |
| Ambient Operating Temperature | -20-40 °C<br>-4-104 °F |

CERTIFICATIONS & COMPLIANCE

ETL

ETL Listed

DLC

DesignLights Consortium

RoHS

RoHS Compliant

APPLICATIONS

Warehouse and distribution center lighting

Manufacturing and industrial facility overhead lighting

Gymnasium and sports facility illumination

Large retail and big-box store lighting

Covered outdoor loading dock lighting

PROVENANCE — REVIEW COPY ONLY

| slug              | value          | source | confidence |
|-------------------|----------------|--------|------------|
| lumens            | 36,000 lm      | db     | high       |
| efficacy_lm_per_w | 150 lm/W       | db     | high       |
| cct_k             | 5,000 K        | db     | high       |
| cri               | 70             | db     | high       |
| beam_angle_deg    | 120°           | pdf    | high       |
| led_lifetime_h    | 50,000 h       | db     | high       |
| color             | White          | db     | high       |
| lens_type         | Tempered Glass | db     | high       |
| operating_voltage | 120–277 V      | db     | high       |
| wattage           | 240 W          | db     | high       |
| finish            | Black          | db     | high       |
| material          | Aluminum       | db     | high       |
| ip_rating         | IP66           | db     | high       |
| ambient_temp_c    | -20–40 °C      | db     | high       |
| warranty_years    | 1 y            | db     | high       |

Specifications subject to change without notice.