

**DLC Part Number#: 304Y0200W50LBX**
**SKU NUMBER#: 662187525754**

# ALTERF LED LINEAR HIGHBAY 200 W

**POWER: 200 W | CCT: 5000 K**


## Product Description:

The RLUX ALTERF LED LINEAR High Bay is designed for a variety of applications and mounting heights. Wide angle optics, multiple lumen packages and color temperatures make it ideal for industrial, commercial, manufacturing, gymnasium and other applications, that utilize traditional linear fluorescent and HID fixtures. Suggested mounting heights are between 15-25 feet. This high bay reduces up to 70% of the energy usage and has a life span of over 10 years. The fixtures is available in a frosted or clear.

## Features:

- 1, 00, 000 hours of lifetime.
- Superior heat dissipation capability due to use of multiple heat sinks.
- Smooth and uniform light output with no flickering or humming.
- Sleek design and Low-profile makes it suitable for a wide range of applications.
- Savings of up to 75% over conventional fluorescent fixtures.
- Resistant to vibration and water.
- Inputs voltage range: 100-277V / 200-480V, 50 - 60 Hz.

## Ordering Information

| Part Number | Fixture Type | Dimming | Wattage | CCT | Voltage | CRI | Internal |
|-------------|--------------|---------|---------|-----|---------|-----|----------|
| 3           | XX           | D       | yyyyW   | C   | L       | X   | BX       |

### Series Code

| Model Number   | Wattage | CCT Optional | CRI | Efficacy   | Diffuser Type   |
|----------------|---------|--------------|-----|------------|-----------------|
| 304Y0200W50LBX | 200 W   | 5000 K       | 80+ | 146.3 lm/W | Clear / Frosted |

## Fixture Details

### Electrical

|                                 |           |
|---------------------------------|-----------|
| Power                           | 200 W     |
| Voltage                         | 100-277 V |
| Current                         | 1.6649 A  |
| Power Factor                    | > 0.95    |
| Total Harmonic Distortion (THD) | 3.45%     |
| Surge Protection                | 5kV       |

### Lighting Performance

|                           |                         |
|---------------------------|-------------------------|
| Lumens                    | 29260 lm                |
| Efficacy                  | 146.3 lm/W              |
| Color Temperature (CCT)   | 5000 K                  |
| Color Rendering (CRI)     | 80+                     |
| Beam Angle                | 88.4°                   |
| Light Distribution        | Type VS                 |
| Dimmable Lighting Control | 0-10V, Range 10% - 100% |

### Construction

|                        |                 |
|------------------------|-----------------|
| Housing                | Aluminum        |
| Base / Power Supply    | Hard Wired      |
| Finish                 | White           |
| Heat Sink Type         | Aluminum        |
| Optics Material / Lens | Clear / Frosted |
| Diffuser               | Clear / Frosted |
| Number of LEDs         | 1088            |

### Components

|                  |                       |
|------------------|-----------------------|
| LED Light Source | Bridgelux 2835, 0.5 W |
| Driver           | MOSO                  |

### Environment

|                                |                 |
|--------------------------------|-----------------|
| Operating Temperature          | -10° F ~ 120° F |
| Ingress Protection Rating (IP) | IP40            |

## Fixture Dimension

|                    |        |
|--------------------|--------|
| Length (inches)    | 43.30" |
| Width (inches)     | 9.88"  |
| Height (inches)    | 1.87"  |
| Net Weight (lbs)   | 13.66  |
| Gross Weight (lbs) | 16.15  |

## Packaging Dimension

|                         |                         |
|-------------------------|-------------------------|
| Box Dimensions (inches) | 45.07" x 12.20" x 3.93" |
| Box Weight (lbs)        | 2.10                    |
| Quantity Per Box        | 1                       |

## LifeSpan

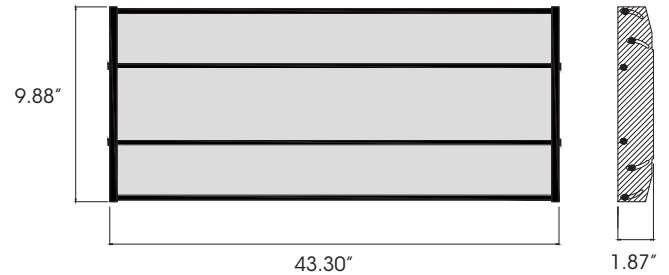
|                      |        |
|----------------------|--------|
| Average Life (Hours) | 100000 |
| Warranty (Years)     | 5      |

## Qualifications

|              |                |
|--------------|----------------|
| Model Number | 304Y0200W50LBX |
| SKU Number   | 662187525754   |

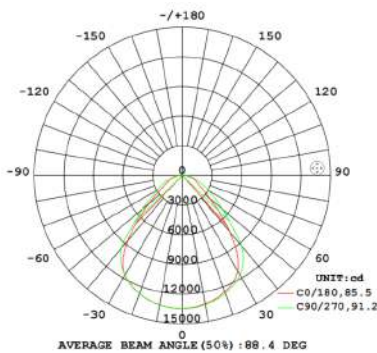


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## Optometric Data

200 W



| Wattage | CCT (Kelvin - K) | Efficacy (lm/W) | Lumen Output |
|---------|------------------|-----------------|--------------|
| 200 W   | 5000 K           | 146.3           | 29260        |

## Mounting Brackets

|              |                   |   |
|--------------|-------------------|---|
| 662187525259 | Surface Mount Kit | 1 |
|--------------|-------------------|---|

## Accessories

|              |                        |   |
|--------------|------------------------|---|
| 662187525723 | Microwave (PIR) Sensor | 1 |
|--------------|------------------------|---|