



**LF8124 COMMERCIAL DUTY • 5YR  
LED 2' LINEAR HIGH BAY**  
HIGH-BAY LUMINAIRES FOR COMMERCIAL AND  
INDUSTRIAL BUILDINGS

**FEATURES**

- High lumen output - bright and high lumen per watt.
- Integrated LED - maintenance free.
- Replaces HID and fluorescent fixtures.
- Wide beam angle - uniform light distribution.
- All steel surfaces are painted after fabrication for smooth edges and rounded corners.

**MOUNTING**

Designed for suspended or pendent mounting.

**APPLICATION**

Larger warehouses, retail applications, commercial buildings and work areas.

**ELECTRICAL**

|                                 |          |
|---------------------------------|----------|
| Wattage                         | 128W     |
| Voltage                         | 120-277V |
| Current                         | 1.06A    |
| Power Factor                    | 0.9      |
| Total Harmonic Distortion (THD) | 10       |

**LIGHTING PERFORMANCE**

|  |  |
|--|--|
| Lumens                                     | 20608                                      |
| Lumens Per Watt (LPW)                      | 161  |
| Color Temperature (CCT)                    | 5000K                                      |
| Color Rendering (CRI)                      | 82   |
| R9 (Red Value)                             | -14  |
| R13 (Skin Tones)                           | 80   |
| Beam Angle                                 | 120°                                       |
| Light Distribution                         | --   |
| BUG Rating (Backlight, Uplight, and Glare) | --   |
| Dimmable Lighting Control                  | <i>Dimmable</i><br>0-10V, Range 10% - 100% |

**ENVIRONMENT**

|                           |             |
|---------------------------|-------------|
| Operating Temperature     | -4° ~ 122°F |
| Suitable Location         | <b>DAMP</b> |
| Ingress Protection Rating | IP40        |

**LIFESPAN**

|                      |          |
|----------------------|----------|
| Average Life (Hours) | 50,000   |
| Warranty (Years)     | <b>5</b> |

**COMPONENTS**

|                  |                           |
|------------------|---------------------------|
| LED Light Source | LG LEMWS28R               |
| Driver           | SIL80-I2000 & SIL50-I1000 |

**CONSTRUCTION**

|                     |                 |
|---------------------|-----------------|
| Housing             | 24 Gauge C.R.S. |
| Lens                | Acrylic (PMMA)  |
| Base / Power Supply | Hard Wired      |
| Finish              | White           |

**QUALIFICATIONS**

|              |       |
|--------------|-------|
| Model Number | 55535 |
|--------------|-------|



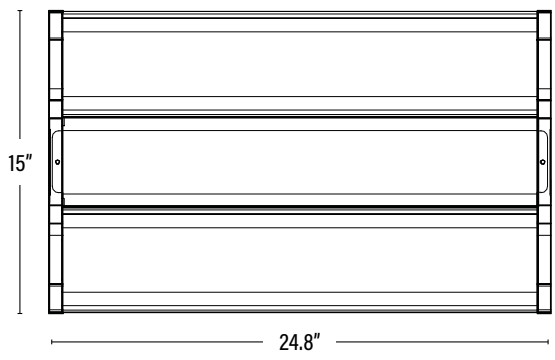
*Manufactured by P.Q.L., Inc. • Published lumens on LED products are approximate and may vary slightly. • Specifications are subject to change without notice.*

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ITEM INFORMATION

| DIMENSIONS (Inches) |               |
|---------------------|---------------|
| Length              | 24.8"         |
| Width               | 15"           |
| Height              | 2.2"          |
| Net Weight (Lbs)    | 10.4          |
| Chain Length        | 41.3" (2 ea.) |



| PACKAGING         | UPC          | DIMENSIONS (LxWxH) | GROSS WEIGHT (Lbs) |
|-------------------|--------------|--------------------|--------------------|
| Master Carton     | 1            | 811768027440       | --                 |
| Country of Origin | China        |                    |                    |
| HS Tariff         | 9405.10.6020 |                    |                    |

| ITEM#  | DESCRIPTION                                       | CASE |
|--------|---|------|
| LF8124 | LED 2FT LINEAR HL HIGH BAY/128W/50K/DIMM/120-277V | 1    |

*Manufactured by P.Q.L., Inc. - Manufacturer Model # 55535*

| ACCESSORIES |  |    |
|-------------|--|----|
| LF3599      | 360° LOW/HIGH BAY FIXTURE OCCUPANCY PIR SENSOR 30' DIA, 8-40' HEIGHT 800W/1200W • 120/277V | 50 |

**ADDITIONAL INFORMATION:**

**Note:** When using an Emergency Pack with the fixture, cable mounting is recommended to control the balance of the fixture.