



## LED Linear Highbay



PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

TYPE: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_



### KEY FEATURES

100,000-Hour LED lifespan

0-10V dimming standard on all models

Optional cable, surface, pendant mount kits available

Optional motion and daylight harvesting controls available

Battery backup option provided

## TECHNICAL SPECIFICATIONS

### COMPLIANCE

#### UL Listed

Suitable for damp locations

#### IESNA LM79 & LM-80 Testing

PacLights LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

#### DLC Qualification

Selected models of this product are on the Design Lights Consortium (DLC) Qualified Products List and are eligible for rebates from DLC Member Utilities. To view our DLC qualified products, please consult the DLC Qualified Products List at [www.design-lights.org/qpl](http://www.design-lights.org/qpl)

### LED CHARACTERISTICS

#### LEDs

Long-life, high-efficacy, surface-mount LEDs

#### Lifespan

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

#### Color Rendering Index

&gt;82

#### Color Uniformity

PacLights' range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017

### ELECTRICAL

#### Drivers

0-10V Dimmable

Input Voltage: 100-277V, 50-60 Hz; or 347-480V, 50-60 Hz,

Power Factor : &gt; 0.9

### CONSTRUCTION

#### IP Rating

Suitable for Damp Location

#### Ambient Temperature

Suitable for 50° C (122° F) ambient temperature when fixture is suspended at least 18" from ceiling

#### Cold Weather Starting

The minimum starting temperature is -4 F°/-20° C

#### Housing

Durable cold rolled steel housing provides strength and uniformity. Luminaire is pre-painted to enhanced smooth finish.

#### Mounting Methods

- Chain & V-hook Kit (included)
- Cable Kit (optional)
- Surface Mount (optional)
- Pendant Hanger (optional)

#### Green Technology

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

#### Lens

Frosted, Clear

### OTHER

#### 7-Year Limited Warranty\*\*

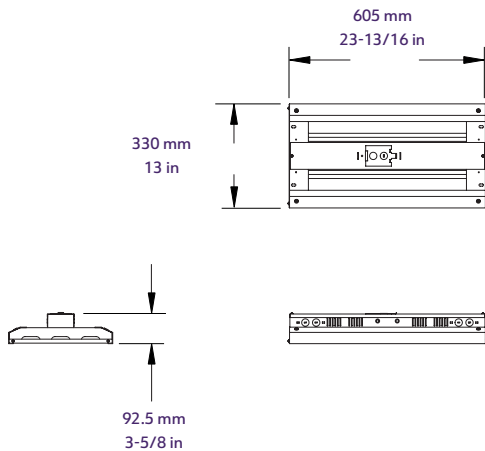
The PacLights 7-year, limited warranty covers light output, driver performance and paint finish.

\*\*PacLights's warranty is subject to all terms and conditions found at [paclights.com/warranty](http://paclights.com/warranty)

## TECHNICAL SPECIFICATIONS Continued

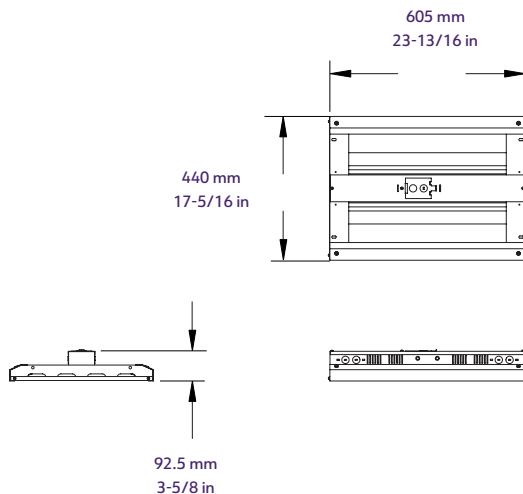
### 2D 065/085/105/130/155

Weight 10.2 lbs



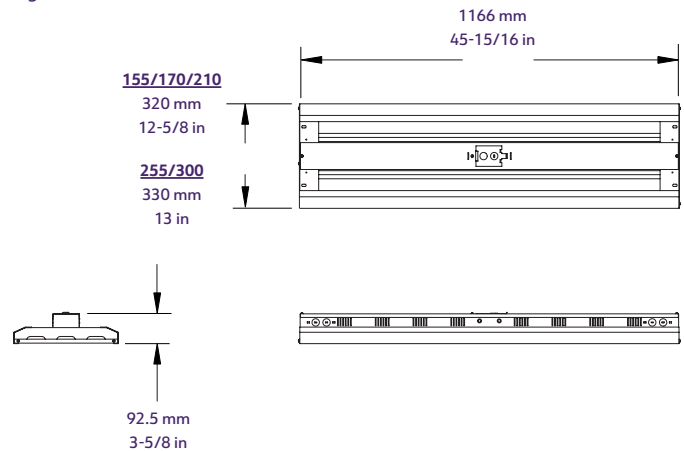
### 2D 170/210

Weight 12.6 lbs



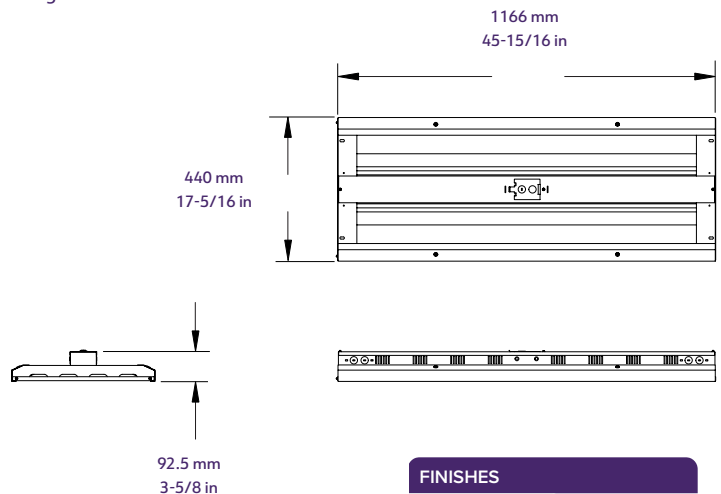
### 4D 155/170/210 | 4D 255/300

Weight 17.9 lbs



### 4D 400

Weight 21.2 lbs



#### FINISHES

2D (2 ft)	White
4D (4 ft)	White

## CONTROLS Optional

### OCCUPANCY CONTROL (PIR)

PIR occupancy control uses advanced passive infrared technology to detect motion up to 40ft, around 1200-2800 Sq Ft and 360 degrees. The sensor is able to automatically switch on when occupancy is detected and off when no occupancy is detected. Stay-on time and sensitivity is adjustable on sensor.

### BI-LEVEL OCCUPANCY CONTROL (MCW)

Microwave occupancy control detect motions even through plastic, glass and thin non-metal materials. It can be mounted as high as 48 ft high and contains a signature 3-step dimming function, which is perfect for areas that require a light change notice totally switching off the light. Control parameters are adjustable on the sensor, or by an optional wireless commissioning device.

### OCCUPANCY & DAYLIGHT HARVESTING CONTROL (DLH)

In addition to all the functions provided by a microwave bi-level occupancy control, daylight harvesting control also reduces electric light in building interiors when daylight is available.

## PERFORMANCE

## FLHB™ 2D (2 Ft)

65W	4000K Neutral	5000K Daylight
LUMENS	8,450	8,515
LM/W	130	131

130W	4000K Neutral	5000K Daylight
LUMENS	17,550	17,680
LM/W	135	136

210W	4000K Neutral	5000K Daylight
LUMENS	28,350	28,560
LM/W	135	136

85W	4000K Neutral	5000K Daylight
LUMENS	11,475	11,560
LM/W	135	136

155W	4000K Neutral	5000K Daylight
LUMENS	20,925	21,080
LM/W	135	136

105W	4000K Neutral	5000K Daylight
LUMENS	14,175	14,280
LM/W	135	136

170W	4000K Neutral	5000K Daylight
LUMENS	22,950	23,120
LM/W	135	136

## FLHB™ 4D (4 Ft)

155W	4000K Neutral	5000K Daylight
LUMENS	20,925	21,080
LM/W	135	136

255W	4000K Neutral	5000K Daylight
LUMENS	34,425	34,680
LM/W	135	136

170W	4000K Neutral	5000K Daylight
LUMENS	22,950	23,120
LM/W	135	136

300W	4000K Neutral	5000K Daylight
LUMENS	40,500	40,800
LM/W	135	136

210W	4000K Neutral	5000K Daylight
LUMENS	28,350	28,560
LM/W	135	136

400W	4000K Neutral	5000K Daylight
LUMENS	54,000	54,400
LM/W	135	136

## ORDERING INFORMATION

## FLHB™

Family	Model		Color Temp		Input Voltage		Lens Type		Options			
FLHB												
	2D065	2 ft, 65W	4D155	4 ft, 155W	4000	4000K	UV	100-277V	FL	Frosted	PIR	PIR Control
	2D085	2 ft, 85W	4D170	4 ft, 170W	5000	5000K	HV	347-480V	CL	Clear	MCW	Bi-level Control
	2D105	2 ft, 105W	4D210	4 ft, 210W							DLH	Daylgt. Har. Control
	2D130	2 ft, 130W	4D255	4 ft, 255W							CB	Cable mount
	2D155	2 ft, 155W	4D300	4 ft, 300W							PM	Pendant mount
	2D170	2 ft, 170W	4D400	4 ft, 400W							WG	Wireguard
	2D210	2 ft, 210W									EM	Emergency backup