

## ATLAS

70W — 400W Options



### Product Overview

Linear LED lighting system designed for warehouses, production facilities, commercial interiors, and indoor sports applications. Delivers uniform illumination with clean integration into modern architectural environments.

### Applications

#### Commercial & Recreation

- Big-box retail and wholesale showrooms
- School gymnasiums and training courts
- Fitness centers and sports practice halls
- Multi-purpose interiors

#### Industrial & Infrastructure

- Storage aisles and stacking zones
- Manufacturing lines and fabrication floors
- Distribution hubs and shipping stations
- Maintenance garages and service bays



### Performance Highlights

- Continuous, uniform light distribution
- High efficiency with controlled glare
- Modular linear construction
- Multiple mounting and layout configurations
- Durable industrial-grade design
- Long service life with minimal maintenance



### Engineered, Manufactured & Supported in-House

DuVon™ designs and manufactures complete LED lighting systems and turnkey solutions engineered for predictable performance, long-term reliability, and simplified service. Our systems deliver precision and uniformity across sports, stadium, industrial, and municipal applications.



## Specifications

Performance & Environmental Ratings	
Available Beam Angles	120° / Asymmetric
Operating Temp	-104°F to 122°F
Protection Rating	IP20 / IP65 (opt.)
Rated Life	50,000 hrs
Warranty	5 years

Lumen Output	
APL-HBL100N (100W)	14,000 lm
APL-HBL120N (150W)	21,000 lm
APL-HBL150N (200W)	28,000 lm
APL-HBL200N (240W)	33,600 lm

Construction & Mounting	
Housing Material	Die-cast aluminum
Finish	Outdoor rated powder coating
Color	White
Weight	8 lbs (2 ft) / 13.3 lbs (4 ft) / 18 lbs (4x1 ft)
Mounting	Hook mount & chains / U-Bracket (opt.)
Cover	Options available

Electrical & Control Components	
LED Chips	Cree
Drivers	Meanwell / Inventronics
Surge Protection	10kV / 20kV (opt.)
Controls	Smart control available (opt.)

Output references the standard models; variant data may vary.

Motion sensor option available by customization.

Example IES files available.

## Ordering Information

Select one option from each column to build the model number. Contact Duvon™ for custom options.

Ex: 12 – DV-PHBL100N – 100 – 5K – 70 – 25 – 100-277V – UB – SC

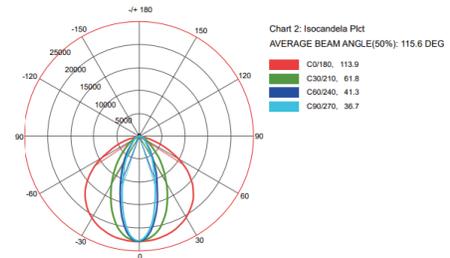
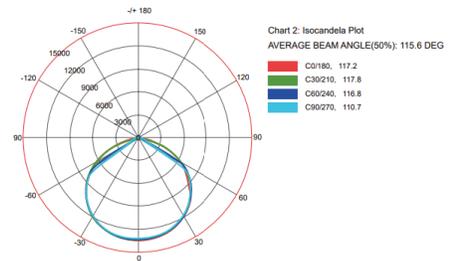
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Qty.	Model No.	Watts	CCT	CRI	Input Power	Accessories	Smart Ctrl (opt.)
	DV-PHBL100N	100	3K = 3000K	70	100-277V	SSC = Chains	SC = Included
	DV-PHBL150N	150	4K = 4000K	80	277-480V	RM = Roof Mt	[Blank] = None
	DV-PHBL200N	200	5K = 5000K	90		UB = U-Bracket	
	DV-PHBL240N	240	5.7K = 57000K			MS = Motion Sensor	

Standard stock: 5000K CCT | 70 CRI (3000K – 6500K CCT / Other CRI options available).

Additional wattage options (70W, 120W, 180W, 300W, 400W) available.

## Luminous Intensity Distribution

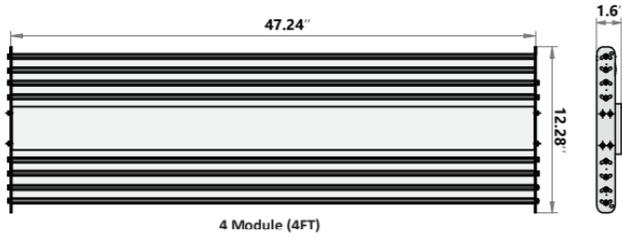
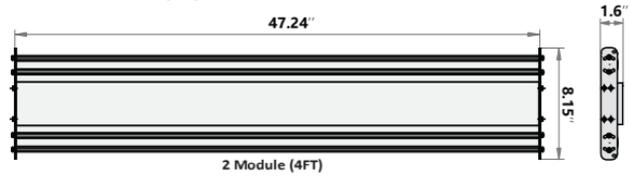
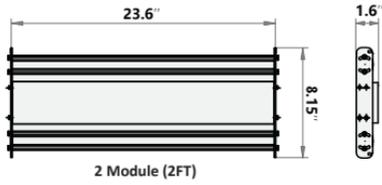


## Electrical Data – Input Current (Amps)

(Nominal value shown; actual values may vary by driver configuration...)

Input Voltage	100W	150W	200W	240W
110V	0.91A	1.36A	1.82A	2.18A
240V	0.42A	0.63A	0.83A	1A
277V	0.36A	0.54A	0.72A	0.87A
480V	0.21A	0.31A	0.42A	0.5A

## Dimensions

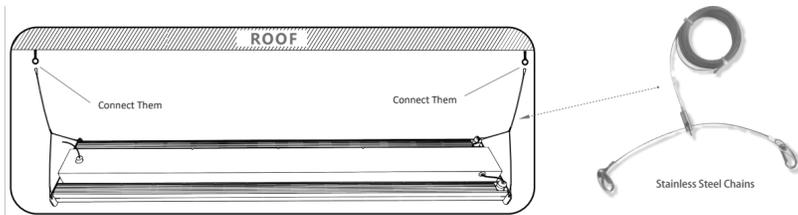


## Accessories

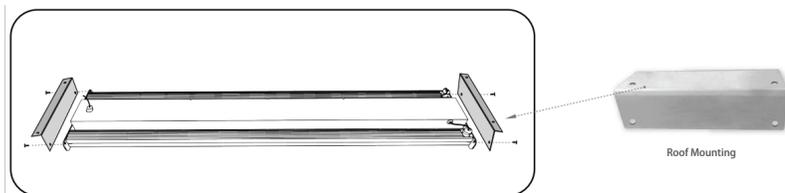
Add accessory part numbers in the ordering information.



Motion Sensor



Stainless Steel Chains



Roof Mount



### ① Wireless Zigbee Controller

**Versatile Control:** Features on/off, dimming, scheduling, and optional clouDV-based monitoring.

**Pre-Programmed Switch:** Five-button switch with preset dimming for easy operation.

**Flexible Connectivity:** Compatible with LAN, Wi-Fi, or cellular networks.

**Durable Design:** Weather-resistant for reliable outdoor use.

**Scene Management:** Supports Static, Dynamic, and ProFX lighting scenes.



### ② Wireless DMX Controller

**Advanced Control:** Includes on/off, dimming, scheduling, scene management, and clouDV-based monitoring.

**Mobile App:** Easy scene activation and control via Android/iOS devices.

**Integrated Display:** Real-time system monitoring and configuration updates.

**Dynamic RGB:** Supports vibrant RGB lighting and customizable scenes.

**Reliable Connectivity:** Offers cellular and LAN options with interference-free Sub-GHz RF.

**Weather-Resistant:** Built for harsh outdoor conditions.

**Effortless Setup:** Simplified commissioning for quick installation.

**24/7 Monitoring:** Cellular connectivity ensures real-time updates and optimization.