DUVON™

LANDMARK

70W — 300W Options

Product Overview

Flexible LED area lighting solution for campuses, parking areas, roadways, and public environments. Designed to provide visual comfort, durability, and reliable outdoor performance.

Applications

Parking & Site Lighting

- Parking lots & garages
- Campus & municipal lots
- Park & rec zones
- Corporate and retail site lighting

Roadway & Pathway

- Local roads, access drives
- Walkways & pedestrian paths
- Perimeter security lighting
- Loading docks & staging areas

Performance Highlights

- **Multiple optical distributions** for site-specific designs
- **Controlled light** spill and glare reduction
- **High-efficiency** system for energy savings
- **Weather-resistant** outdoor construction
- **Optional smart lighting** control integration
- **5-year limited manufacturer's warranty**

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.

5 YEAR WARRANTY

Specifications

Performance & Environmental Ratings	
Available Beam Angles	Type III / Type IV / Type V
Operating Temp	-104ºF to 122ºF
Protection Rating	IP65
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 Options	White
Weight	24.94 lbs
Mounting	Slip fitter / Yoke / Arm / Trunnion

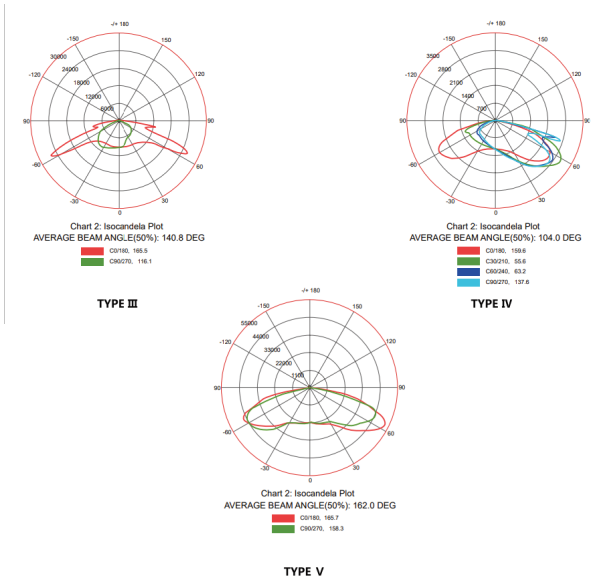
Electrical & Control Components	
LED Chips	Cree
Drivers	Meanwell / Inventronics
Surge Protection	10kV / 20kV (opt.)
Controls	Smart control available (opt.)

Output references the standard models; variant data may vary.

Motion sensor option available by customization.

Example IES files available.

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

Ordering Information

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

Ex: 12 — DV-LAL100N — 100 — 5K — 70 — 25 — 100-277V — UB — SC

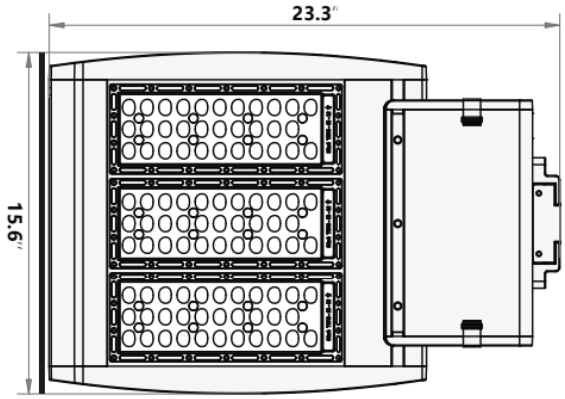
Qty.	Model No.	Watts	CCT	CRI	Input Power	Accessories	Smart Ctrl (opt.)
	DV-LAL100N	100	3K = 3000K	70	100-277V	SSC = Chains	SC = Included
	DV-LAL150N	150	4K = 4000K	80	277-480V	RM = Roof Mt	[Blank] = None
	DV-LAL200N	200	5K = 5000K	90		MS = Motion Sensor	
	DV-LAL240N	240	5.7K = 57000K				

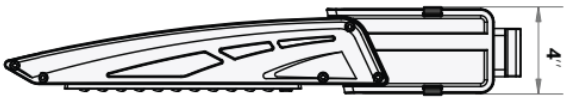
Standard stock: 5000K CCT | 70 CRI (3000K - 6500K CCT / Other CRI options available).

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

All technical specifications and datas are subject to modification at any time and without notice.
Contact us for the most up-to-date information or visit www.duvonlighting.com
710 Armstrong Dr, Buffalo Grove, IL 60089 / Phone: (224) 567-8070 / Email: sales@duvonlighting.com

Dimensions





Accessories

Add accessory part numbers in the ordering information.

Arm Mount-1

Arm Mount-2

Yoke Mounting

Slip Fitter

Trunnion

3PIN

7PIN

Photocell

Motion Sensor

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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.

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