

LIBERTY

800W / 1000W / 1200W

Product Overview

Versatile LED field lighting system engineered for schools, parks, and municipal athletic facilities. Designed to balance performance, energy efficiency, and long-term serviceability across multi-sport outdoor applications.

Applications

Sports & Recreation

- Football, soccer, baseball & softball fields
- Outdoor stadiums & sports complexes
- Tennis, pickleball & multi-use courts
- Golf driving ranges
- Large event fields & arenas
- High-mast municipal or industrial sites

Performance Highlights

- **Flexible optical distributions** for varied field sizes and layouts
- **Reliable uniformity** for recreational and scholastic sports
- **Multi-optical solutions** to minimize neighborhood light impact
- **Integrated surge protection** options for municipal reliability
- **Compatible with networked** lighting control systems
- **10-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.



Specifications

Performance & Environmental Ratings	
Available Beam Angles	15° / 25° / 45°
Operating Temp	-40°F to 131°F
Protection Rating	IP65 / IP66 (opt.) (IP67 & IP 68 Components)
Rated Life	L70 ≥ 50,000 hrs
Warranty	10 years

Lumen Output	
APL-RSL800N (800W)	104,000 lm
APL-RSL1000N (1000W)	130,000 lm
APL-RSL1200N (1200W)	144,000 lm

Construction & Mounting	
Housing Material	Die-cast aluminum
Finish	Outdoor rated powder coating
Color	Black
Weight	45.3 lbs / 72.6 lbs (w/ driver)
Mounting	Adjustable yoke bracket (accs. available)
Visor	Std. option included / Custom

Electrical & Control Components	
LED Chips	Nichia / Osram
Drivers	Meanwell / Inventronics
Surge Protection	10kV / 20kV (opt.)
Controls	Smart control available (opt.)
EPA	0.58 ft² – 1.38 ft²

Smart Network Lighting Control available upon request.

Example IES files available.

Ordering Information

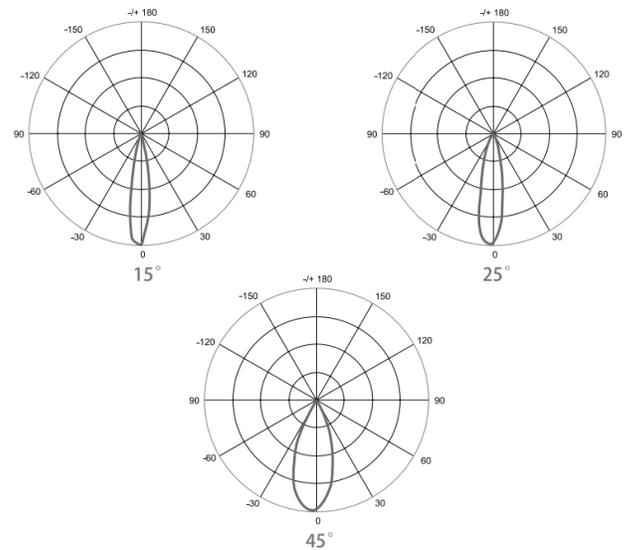
Select one option from each column to build the model number. Contact Duvon™ for custom options.

Ex: 12 – DV-RSL800N – 800 – 5K – 70 – 15 – 100-277V – CA – SC

Qty.	Model No.	Watts	CCT	CRI	Optic	Input Power	Accessories	Smart Ctrl (opt.)
	DV-RSL800N	800	4K = 4000K	70	15°	100-277V	DC = Driver Cab.	SC = Included
	DV-RSL1000N	1000	5K = 5000K	80	25°	277-480V	CA = Cross Arm	[Blank] = None
	DV-RSL1200N	1200	5.7K = 5700K	90	45°			

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

Luminous Intensity Distribution

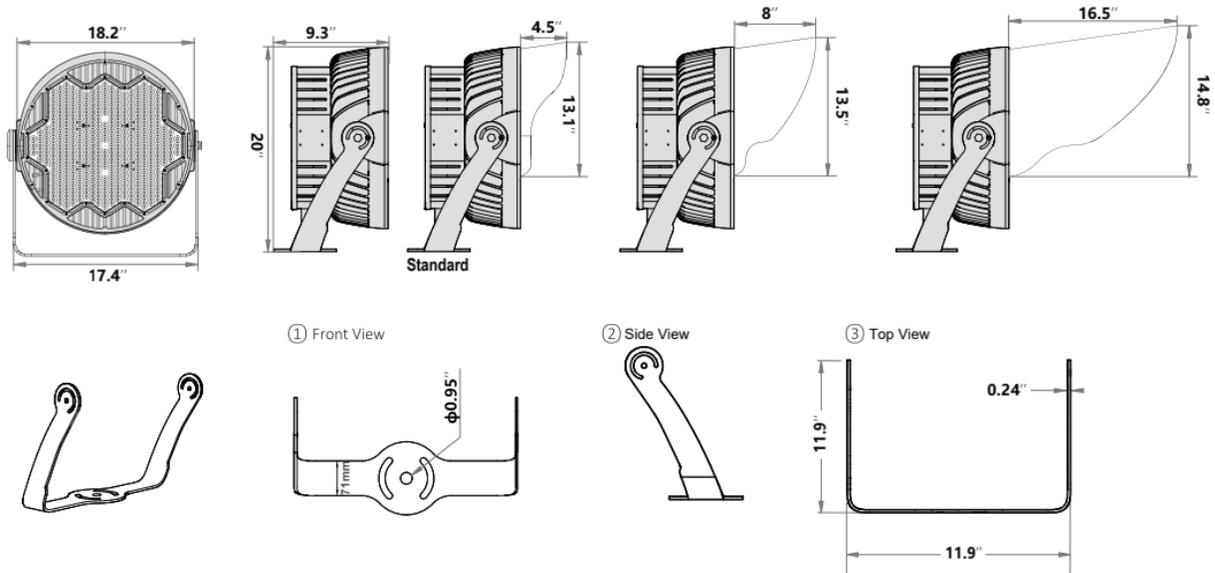


Electrical Data – Input Current (Amps)

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

Input Voltage	800W	1000W	1200W
110V	7.27A	9.09A	10.91A
240V	3.33A	4.16A	5A
277V	2.89A	3.61A	4.33A
480V	1.67A	2.08A	2.5A

Dimensions



Accessories

Add accessory part numbers in the ordering information. Slipfitter adapters and arms are customizable.

Note: Max distance between driver cabinet and luminaire: 100'. Standard fixture wire length: 1.31'
Standard visor included; custom options available (shown as part of dimensions).



VGS = Visor Glare Shield

4.5" (Standard)
8" or 16.5" (Alternative)



DC = Driver Cabinet

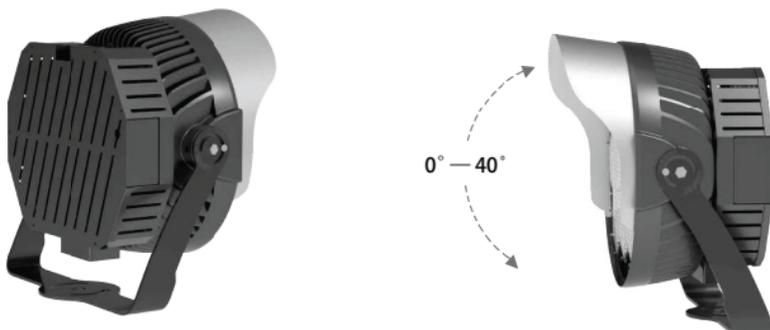


CA = Cross Arm

Adjustment Guide

Adjustable mounts with tilt angle options are available.

Yoke bracket supports a 40° adjustable tilt.





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.