

VANGUARD

300W – 1600W Options

Product Overview

Elite, broadcast-grade LED stadium lighting system engineered for NCAA, collegiate, and professional venues. Designed to deliver precise illumination, visual consistency, and long-term performance on high-mast installations.

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

- **Broadcast-safe**, flicker-free performance
- **Optimized horizontal and vertical illumination** for televised events
- **Precision long-throw optics** for large-scale fields
- **Independent fixture-level dimming** and control capability
- **Engineered for high-wind** and high-mast applications
- **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

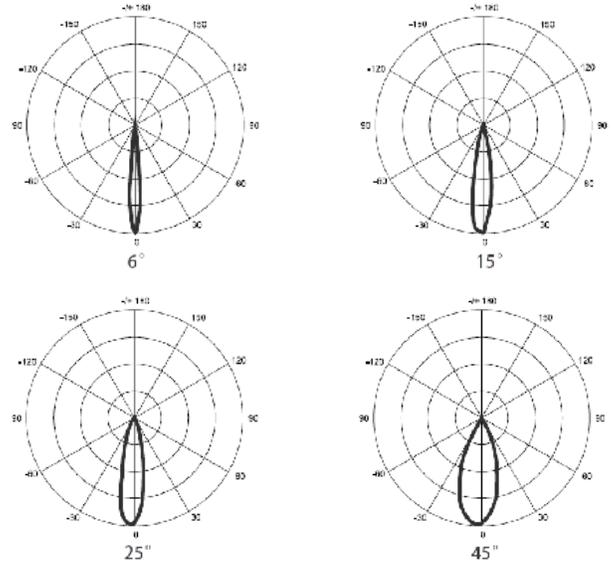
Performance & Environmental Ratings	
Available Beam Angles	6° / 15° / 25° / 40°
Lumen Output	130 lm/W
Operating Temp	-40°F to 131°F
Protection Rating	IP65 / IP66 (opt.) (IP67 & IP 68 Components)
Rated Life	L70 ≥ 50,000 hrs
Warranty	10 years

Construction & Mounting	
Housing Material	Die-cast aluminum
Finish	Outdoor rated powder coating
Color Options	Black
Weight	38.58 lbs — 89.28 lbs
Mounting	Adjustable yoke bracket (accs. available)

Electrical & Control Components	
LED Chips	Nichia / Osram
Drivers	Meanwell / Inventronics
Surge Protection	10kV / 20kV (opt.)
Controls	Smart control available (opt.)
EPA	0.187 ft² — 0.328 ft²

Smart Network Lighting Control available upon request.
Example IES files available.

Luminous Intensity Distribution



Electrical Data — Input Current (Amps)

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

Input Voltage	600W	800W	1000W	1200W	1500W	1600W
110V	5.45A	7.27A	9.09A	10.9A	13.64A	14.55A
240V	2.5A	3.33A	4.16A	5A	6.25A	6.67A
277V	2.17A	2.89A	3.61A	4.33A	5.42A	5.78A
480V	1.25A	1.67A	2.08A	2.5A	3.125A	3.33A

Ordering Information

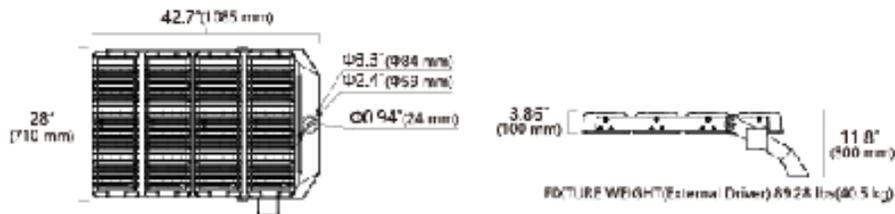
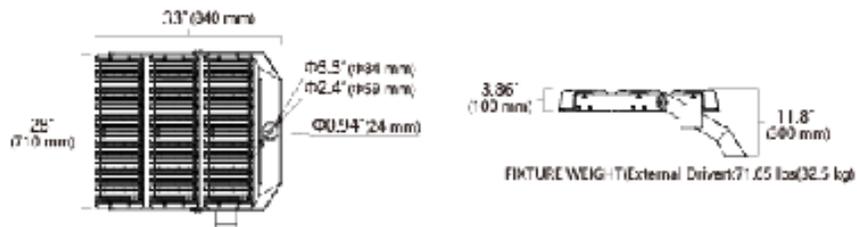
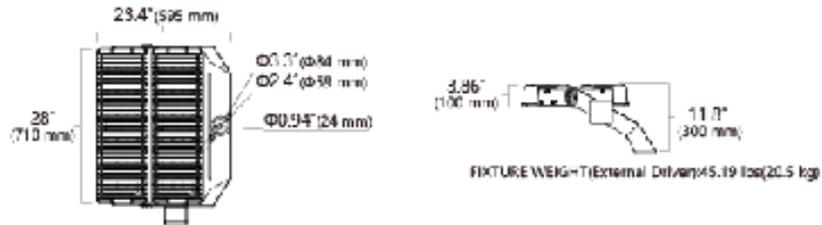
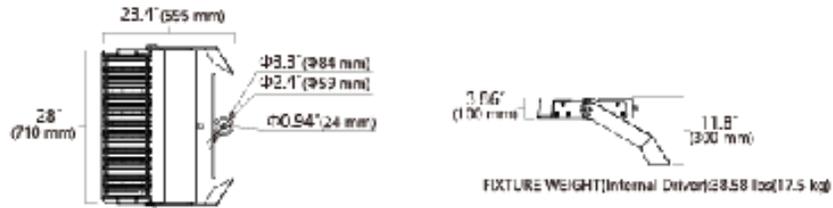
Select one option from each column to build the model number. Contact Duvon™ for custom options.

Ex: 12 — DV—RSL1200N — 1200 — 5K — 70 — 25 — 100—277V — CA — SC

Qty.	Model No.	Watts	CCT	CRI	Optic	Input Power	Accessories	Smart Ctrl (opt.)
	DV-RSL600NG7	600	5K = 5000K	70	6°	100-277V	DC = Driver Cab.	SC = Included
	DV-RSL800NG7	800	5.7K = 5700K	80	15°	277-480V	CA = Cross Arm	[Blank] = None
	DV-RSL1000NG7	1000		90	25°			
	DV-RSL1200NG7	1200			40°			
	DV-RSL1500NG7	1500						
	DV-RSL1600NG7	1600						

Standard stock: 5000K CCT | 70 CRI (3000K - 6500K CCT / Other CRI options available).
Additional wattage options (300W, 400W, 500W) available.

Dimensions



Size Guide

Adjustable mounts with tilt angle options are available.





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.