National LED

Aero Champion
LED RGB Sports Lighting

Project	Date

Catalog Number	Type

PCLS RGB Lumen Outputs	
LED Type	**Lumen Output**
Red LEDs	4,388
Blue LEDs	2,231
Green LEDs	31,838
White LEDs	25,610

Product Overview

The Aero Champion RGB sports & flood light will give you the game-changing performance you need to professionally illuminate any sports venue. With multiple beam angles and mounting options, you'll get the light exactly where it's needed the most - right in the middle of the action! If you are ready for the next level of athletic performance, there are additional intelligent lighting controls available.

Key Features

- Combines superior performance and advanced thermal management in an appealing design.
- Versatile mounting options provide operational flexibility for any outdoor installation.
- Additional intelligent lighting controls and monitoring capabilities available.

Construction

- Rugged die-cast aluminum design protects integral components from harsh environments and optimizes thermal management.
- Housing is protected by a corrosion resistant powder coat finish.
- IP66 rated optics offer protection from outdoor conditions.

Product Applications

- University Arenas
- Collegiate Arenas
- Pro Arenas
- Sports Fields
- Tennis Courts
- Gymnasiums
- Field Houses
- Recreation Areas
- High Mast Lighting
- Security Lighting

Product Certifications

- UL Listed
- Complies with UL1598 and CSA C22.2
- Suitable for Wet Locations (IP66 Rated)
- RoHS Compliant

Electrical

- 277-480V available.
- 0-10V dimming standard.
- Operating temperature: -40°C to 50°C (-40°F to 122°F).

Optics

- Industry-leading RGB LEDs (Red/Green/Blue).
- Available Beam Angles: 15°, 20°, 35°, & 55°
- Lumen Maintenance: ≥50,000 Hours (L70). [1]

Mounting

- Trunnion mount, universalmount, or adjustable slip fitter mount available.

Warranty

- Backed by National LED's Five-Year Warranty.

Ordering Information

Example: AC-800-UNVH-RGB-BK-Z1-55

AC	800					
Series	**Model**	**Input Voltage**	**CCT**	**Finish**	**Mounting**	**Beam Angle**
		UNVH 277-480V	**RGB** [2] RGB/RGBW	**BK** Black	**Z1** Trunnion	**15** 15°
					Z2 Universal Mount	**20** 20°
						35 35°
					Z3 Slip Fitter Pole Mount	**55** 55°

	Accessories
SH	Light Shield/Visor
D1	Aiming Laser
D2	Wireless Control
C	Casambi-Enabled DMX Control

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Dimensions

Net Weight	EPA Rating
49.05 lbs. [22.25kg]	2.0 ft.²

26.2 in. (666mm)

13.7 in. (349mm)

10.6 in. (269mm)

18.7 in. (474mm)
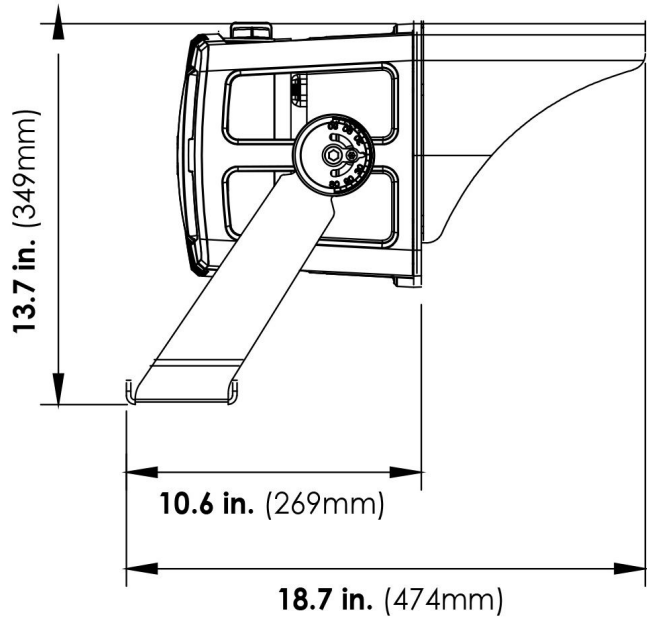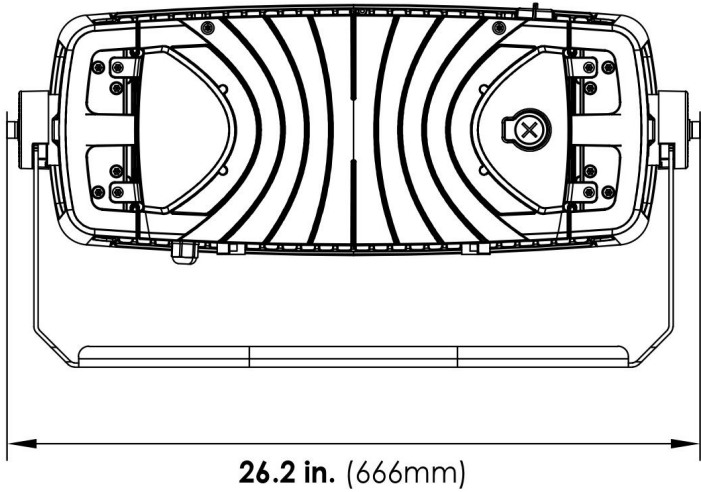
Optical Performance Data

AC 800W RGB Lumen Outputs		
LED Type	**Wattage**	**Lumen Output**
Red LEDs	219.3W	4,388.7
Blue LEDs	200.0W	2,231.0
Green LEDs	207.9W	31,838.0
White LEDs	189.3W	25,610.3

- RGB intensely saturated color light (Red/Green/Blue).
- 800W total output (nominal wattage).
- Available beam angles: 15-20° (NEMA2 Narrow), 35° (NEMA3 Medium Narrow), 55° (NEMA4 Medium)

Mounting & Accessories

Light Shelf/Visor [SH]

Trunnion Mount [Z1]

Universal Mount [Z2]

Adjustable Slip Fitter Pole Mount [Z3]