

## Product Description

By using a pure AL1070 cold forged aluminum alloy housing, anti-corrosion painting, and IP66 design, this fixture is a color changing luminaire for sports lighting or building washing/stripping. The completed LED flood light can work up to 100,000 hours. Sticking to the basics by using industry standard DMX protocol for control, to clever wiring, the Iris SPX offers a basic solution that applies to even the most difficult applications.

> Special Order - Minimum 30 Day Lead Time

Project:		Type:
Location:		
Prepared By:		Date:
Comments:		

## Performance Summary

- CREE 3535 LEDs with RGBW efficacy >35 Lm/W and white >80 Lm/W\*\*
- Patented design with high quality components
- Solid State with high-shock and vibration resistance
- Dimming capability with DMX controller
- Each red, green & blue LED has a 256 color depth
- RGBW or RGB color changing modes by STICK DE3 DMX 512 controller
- Designed for use in high vibration and extreme outdoor conditions
- Pure AL1070 cold forging aluminum housing with black powdercoat finish
- Streamlined housing, no rough edges or scraping, with 304 stainless steel hardware
- Housing and driver compartment is one piece to maximize heat dissipation
- 1/9th LED micro color binning enables tight color control
- Hot color targeting ensures color is within ANSI bin compliance
- High vertical illuminance for large space lighting
- CNC machined LED boards are flatness controlled to 0.1mm to speed up heat dissipation
- PMMA Shatterproof Anti-UV polycarbonate lens over the LEDs with rubber grommet
- Unique micro optic over each LED reduces glare and enhances uniformity
- Advanced, serviceable, constant current Inventronics driver
- Special circuit design for each module part to work separately
- High power factor with IC controlled LED circuits and low THD driver
- Natural convection cooling method
- Cooling fins are added to decrease the ambient temperature
- Low junction temperature for long life and low lumen depreciation
- Laser aiming device provides precise control in angling and aiming
- Instant illumination and restrike with no warm up or cold start issues
- Contains no mercury, lead, infrared or UV radiation and cool to the touch
- Horizontal and vertical angle indicators allow mounting adjustment
- 10kV surge protection standard
- 5' power cable whip and 1.5' in and out DMX cables with waterproof connectors
- Commercial CRI: RA>70
- Operating temperature: -40 to 50 degrees celsius
- 100,000 hour LED life of maintenance-free, safe operation
- IP66 rated for indoor or outdoor locations
- Certifications: CE, RoHS, IK09, ETL, cETL, DLC
- 1 Year Warranty – 3 Year Optional

## Iris SPX

Static Color, RGB and RGBW Color Changing  
LED Flood & Theatrical Sports Lighting



## Applications

Suitable for use as spot, flood, and general area lighting in sporting facilities, stadiums, pro arenas, tennis courts, sports fields, recreational areas, high school fields, ball parks, hockey rinks, small community fields, race tracks, container loading areas, shipping yards, high mast, roadways, airports, industrial lighting, parking lots, railways, ports, public square, and architectural building illumination.



Vivid Leds, Inc.  
PO BOX 9  
Sellersburg, IN 47172  
sales@vividleds.us  
www.vividleds.us

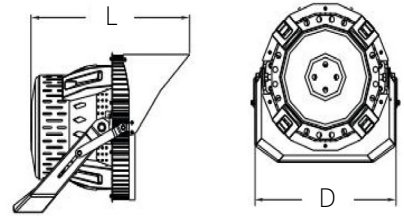
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## Models & Options:

- WDRG0300: 300W - 24000 Lm - 14.6" (L) x 15.2" (D) - 36 Lbs - EPA 1.25
- WDRG0400: 400W - 32000 Lm - 14.6" (L) x 15.2" (D) - 36 Lbs - EPA 1.25
- WDRG0500: 500W - 40000 Lm - 14.6" (L) x 15.2" (D) - 36 Lbs - EPA 1.25
- WDRG0600: 600W - 48000 Lm - 14.6" (L) x 15.2" (D) - 36 Lbs - EPA 1.25
- WDRG0720: 720W - 57600 Lm - 16.9" (L) x 18.6" (D) - 57 Lbs - EPA 2.01
- WDRG0800: 800W - 64000 Lm - 16.9" (L) x 18.6" (D) - 57 Lbs - EPA 2.01
- WDRG1000: 1000W - 80000 Lm - 16.9" (L) x 18.6" (D) - 57 Lbs - EPA 2.01
- WDRG1200: 1200W - 96000 Lm - 16.9" (L) x 18.6" (D) - 57 Lbs - EPA 2.01
- WDRG1500: 1500W - 120000 Lm - 21.3" (L) x 26.4" (D) - 115 Lbs - EPA 4.03
- WDRG1600: 1600W - 128000 Lm - 21.3" (L) x 26.4" (D) - 115 Lbs - EPA 4.03
- WDRG1800: 1800W - 144000Lm - 21.3" (L) x 26.4" (D) - 115 Lbs - EPA 4.03

\*\*80 Lm/W is based on 6000K white CCT. Static color or RGB LEDs averages 35 Lm/W.



Ordering Information:				Part Number:				
*Adder Applies				Ordering Example: WDRG0500-RGB-15-UNV1-BK-DMX-IN-YK				
Family	CCT	Optic	Voltage	Finish	Controls	Driver	Mounting	Accessories*
WDRG0300 WDRG0400 WDRG0500 WDRG0600 WDRG0720 WDRG0800 WDRG1000 WDRG1200 WDRG1500 WDRG1600 WDRG1800	RGB - RGB RGBW1 - RGBW 3000K RGBW2 - RGBW 5000K RGBW3 - RGBW 6500K W1 - Static White - 2200K W2 - Static White - 2700K W3 - Static White - 3000K N1 - Static White - 4000K N1 - Static White - 5000K C1 - Static White - 5700K C1 - Static White - 6000K C3 - Static White - 6500K R - Static Red - 619-624nm G - Static Green - 520-535nm B - Static Blue - 465-475nm Y - Static Yellow - 590nm A - Static Amber -590nm	15 - 15 Degrees	UNV1 - 120-277V UNV2 - 277-480V*	BK - Black CS - Custom*	DMX - DMX512	IN - Internal EX - External*	YK - Yoke SP - Slipfitter*	VS - Visor LG - Laser Guide CT - Stick DE3 DMX Controller PG - DMX Addresser CB - DMX cable sold by the foot with waterproof connectors



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