

ACCUFLOOD RGBW

Scaleable Exterior Floodlight

The AccuFlood takes a modern, scalable approach to façade lighting. Featuring individually specifiable fixture heads each with -90° to 90° adjustability, output over 7700 lumens, and modular mounting options (1, 2, or 3 head fixtures). Available with optional LumenRadio wireless DMX and additional accessories to modify performance, the AccuFlood offers the ultimate flexibility and efficiency in exterior floodlighting.

- RGB+3000K Standard
- Greater than 23,000 lumen output when using three heads (all channels on)
- -90° to 90° modular and global rotation with locking yokes & 3G vibration rating
- Black finish (gray, white, & custom RAL available special order)
- DMX512 RDM enabled with optional LumenRadio wireless DMX
- cETLus Listed, IP67 (outdoor, wet location)
- Die-cast aluminum housing with marine grade finish
- IK10 impact rating with optional rock guard or louver accessory
- Field interchangeable optical lens accessory available in 25°, 35°, 50°, 65°, 35°x15°, 60°x15°, or wallwash distribution
- Optimized, state-of-the-art heat sink design enables a long life, far exceeding L70>60,000 hours rated life



PROJECT:

TYPE:

LOCATION:

CATALOG NUMBER:



ACCUFLOOD RGBW QUICK SPECS	
VOLTAGE	100-277V AC
WATTAGE	100W 200W 300W
LUMENS	Up to 7756 15512 23268 lumens (all channels on)
CCT OPTIONS	RGB+3000K Special Order CCTs Available
CRI	80+
MOUNTING	Surface mount
DIMMING	DMX512 RDM
OPTICS	12° (native)
MAX POWER LINK	9 (100V) 18 (277V) Single Fixture Heads
MAX SIGNAL LINK	30 Single Fixture Heads
OPERATING TEMP	-40°F to 122°F (-40°C to 50°C)
IP RATING	IP67
IK RATING	IK06 IK10 (when using rock guard or louver accessory)
CERTIFICATIONS	cETLus Listed - Wet Location
RATED LIFE	L70 > 60,000 hours

ACCUFLOOD RGBW EPA (WITH VISOR)

SINGLE HEAD	1.4ft ²
DUAL HEAD	2.9ft ²
TRIPLE HEAD	4.2ft ²

ACCUFLOOD RGBW QUICK SHIP ORDER INFORMATION

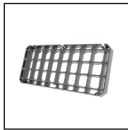
ITEM NUMBER	SIZE	FINISH	VOLTAGE	CCT	LUMENS	WATTAGE	CONTROL	OPTICS
AF-UNV-DMX-RGBW-12-BK	1 Head	Black	100V-277V (UNV)	RGB+3000K	7756	100W	DMX512	12°
AF-UNV-WDMX-RGBW-12-BK	1 Head	Black	100V-277V (UNV)	RGB+3000K	7756	100W	LumenRadio Wireless DMX512	12°

Each AccuFlood fixture includes (1) fixture head. Mounting bracket, power signal lead, and other accessories must be purchased separately.

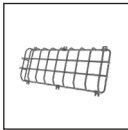
ACCUFLOOD RGBW SERIES ACCESSORIES



AF-VSR-BK



AFLVR-BK



AF-WG-BK

ACCUFLOOD RGBW SPECIAL ORDER INFORMATION

LINE

ACCU

—

SERIES

FLOOD

—

VOLTAGE

UNV

—

CONTROL

DMX
WDMX

—

CCT

RGBW

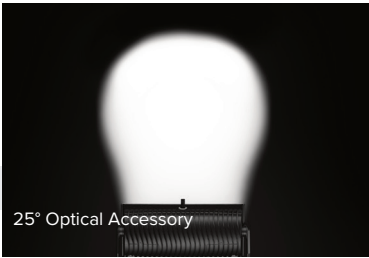
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FINISH

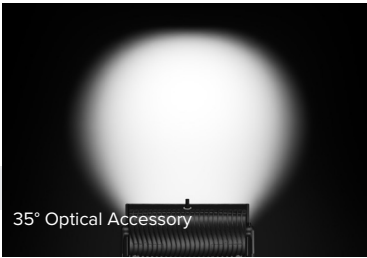
BK = Black
WH = White
SA = Satin Aluminum RAL#9006
RALXX = Custom RAL

Special Orders may be subject to minimum order quantities, set-up fees, and/or extended lead times. Please contact a NationalLED sales representative for special order requests.

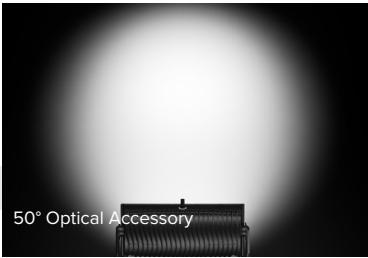
ACCUFLOOD RGBW OPTICAL ACCESSORY OPTIONS



25° Optical Accessory



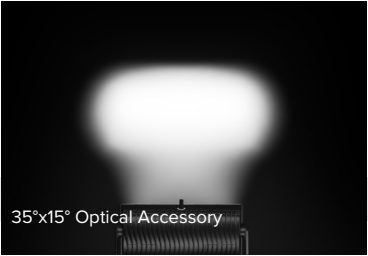
35° Optical Accessory



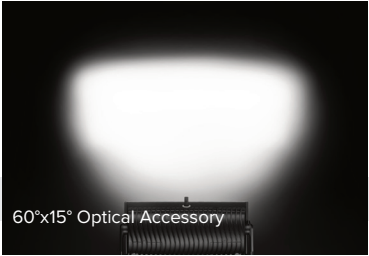
50° Optical Accessory



65° Optical Accessory



35°x15° Optical Accessory

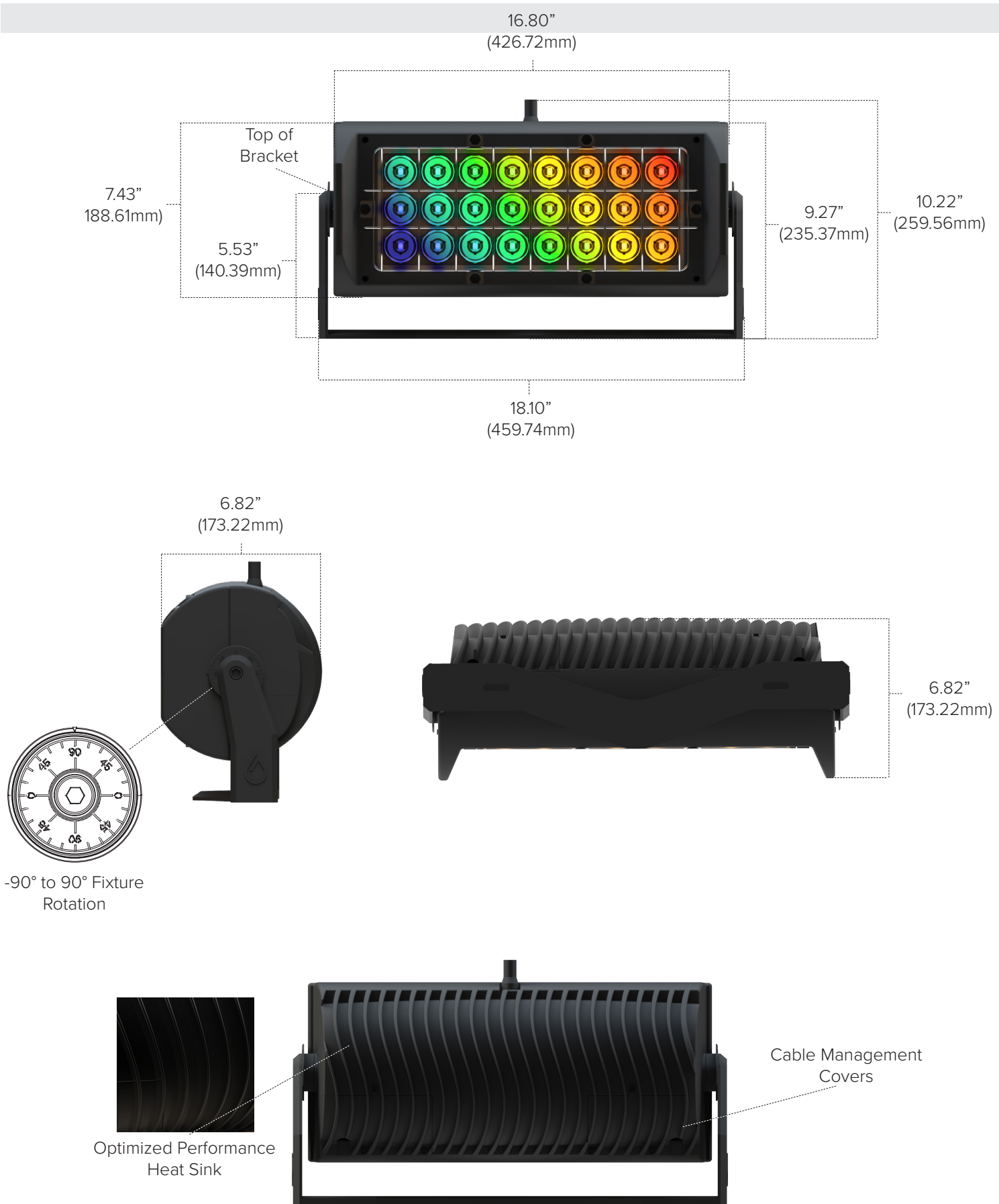


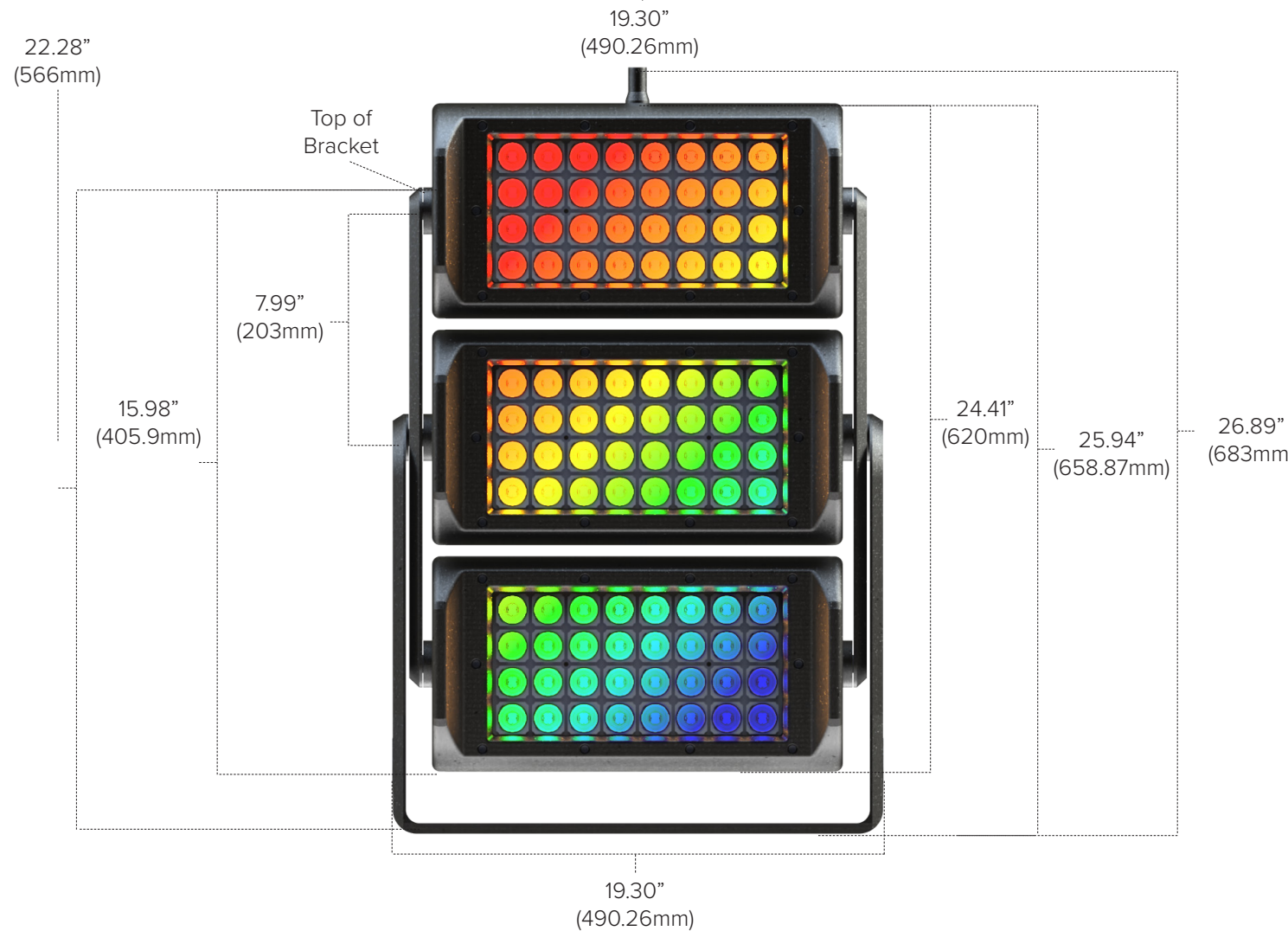
60°x15° Optical Accessory



17° Wallwash Optical Accessory

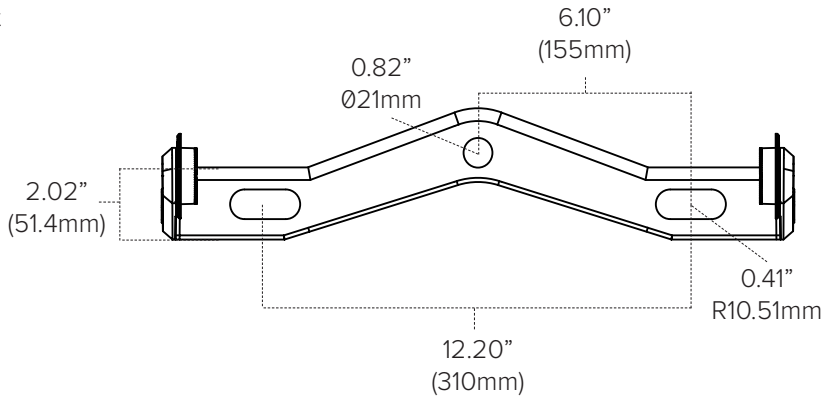
ACCUFLOOD RGBW DIMENSIONS



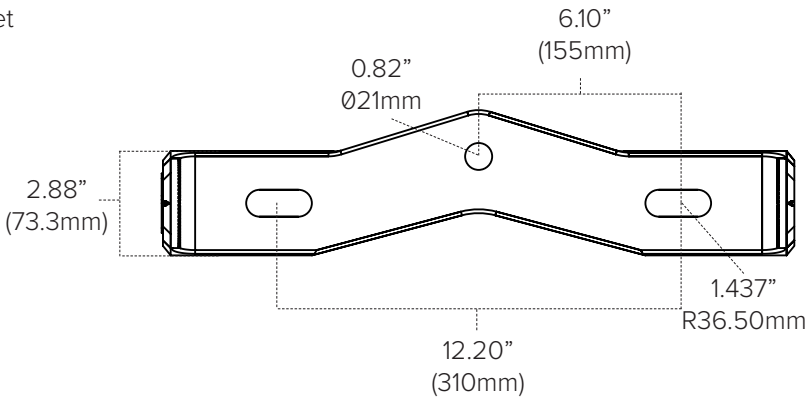


ACCUFLOOD STATIC WHITE DIMENSIONS CONTINUED

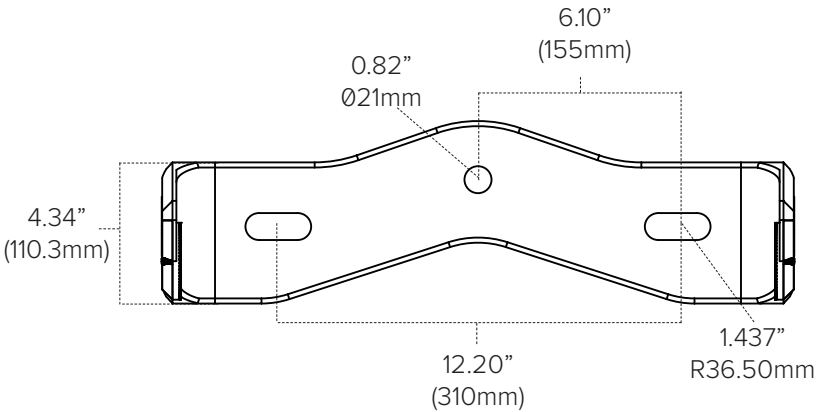
Single Head Bracket



Double Head Bracket

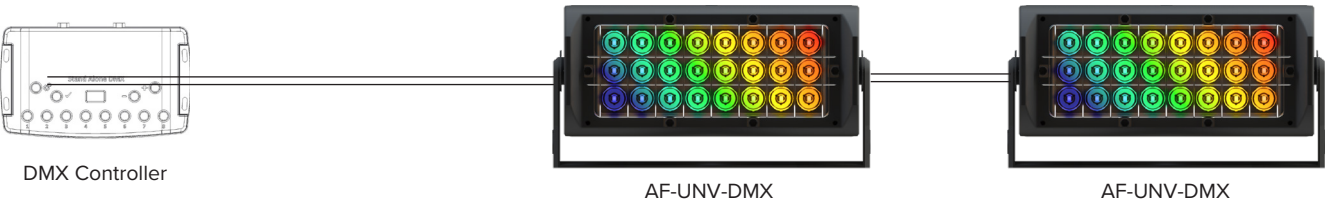


Triple Head Bracket



ACCUFLOOD RGBW QUICK SET UP

Wired System



Wireless + Wired System



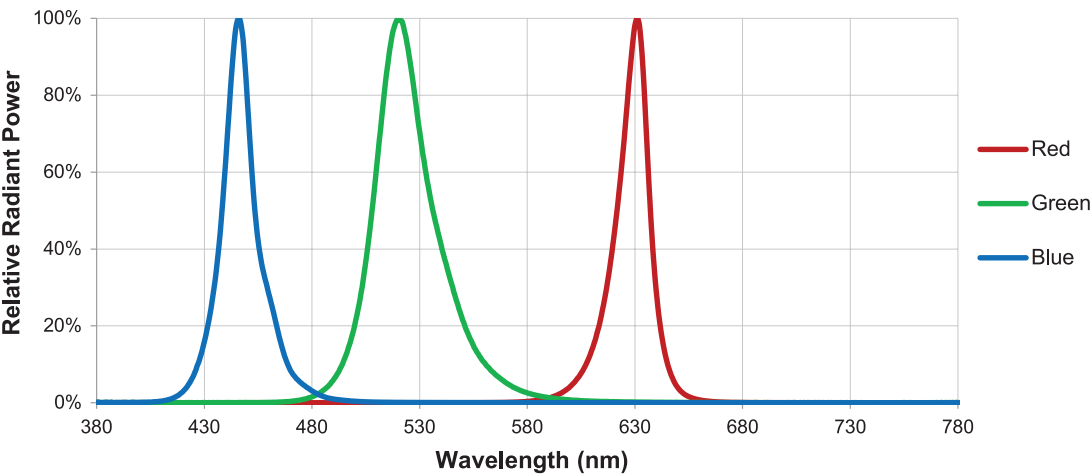
Wireless System



ACCUFLOOD RGBW COLOR CHARACTERISTICS - HIGH DENSITY (T_J = 25 °C)

COLOR		CCT/DOMINANT WAVELENGTH RANGE	
		Minimum	Maximum
Color + Warm White	Red	620nm	830nm
	Green	520nm	535nm
	Blue	450nm	465nm
	Warm White	2700K	3200K

ACCUFLOOD RGB DOMINANT SPECTRAL POWER DISTRIBUTION (I_F = 350 MA PER LED DIE, 25 °C)



ACCUFLOOD RGBW COLOR GAMUT

ACCUFLOOD GAMUT & PATH

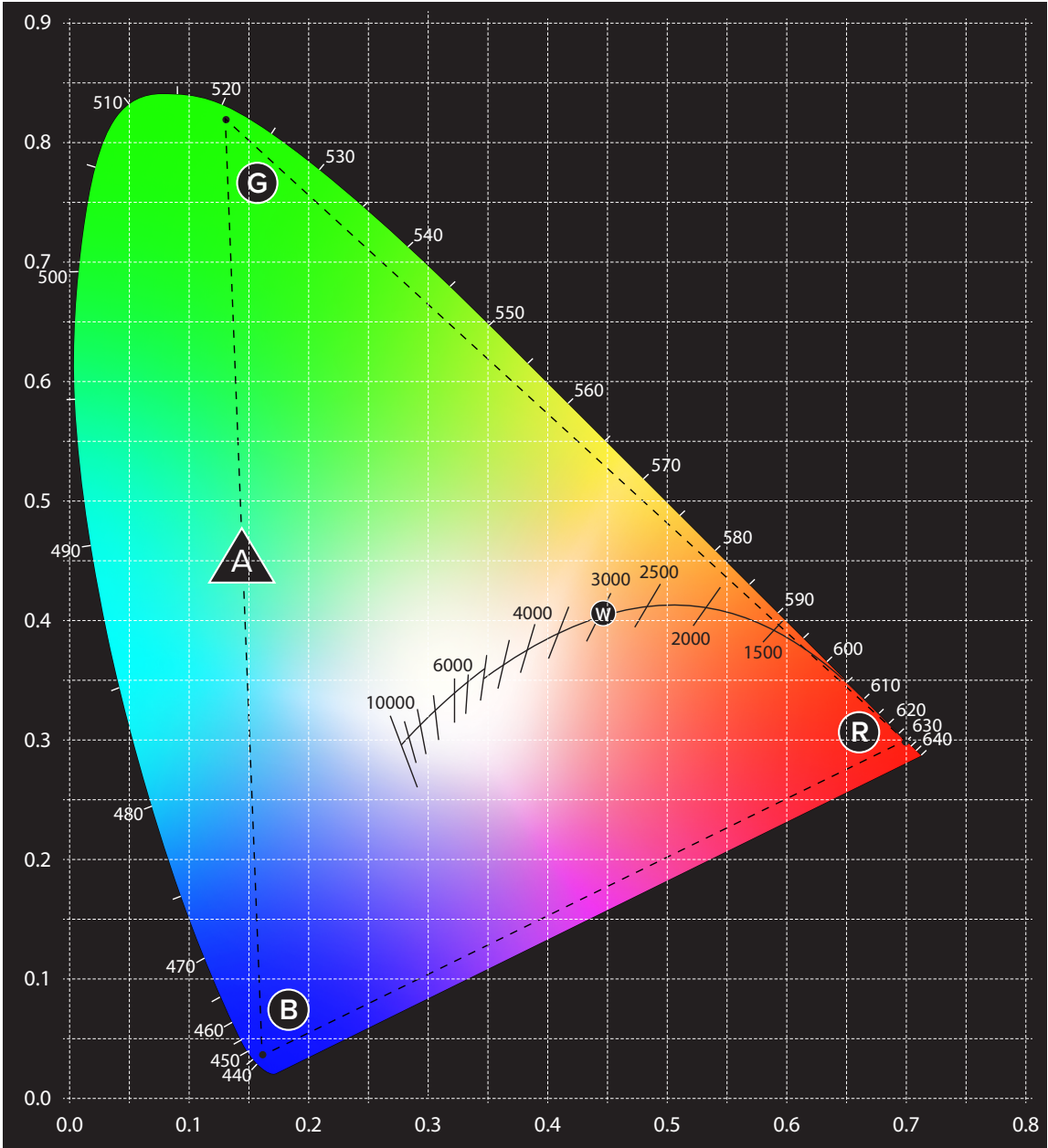
The triangular Gamut within the Planckian Locus is derived from the dominant wavelength of the red, green and blue LEDs, and determines the theoretical color range in which a user can select from the luminaire.

RED WAVELENGTH: 620NM–630NM

GREEN WAVELENGTH: 520NM–535NM

BLUE WAVELENGTH: 450NM–465NM

COLOR TEMPERATURE: 3000K



NATIONAL LED LIGHTING WARRANTY

5-YEAR LIMITED WARRANTY FOR LED PRODUCTS

National LED, warrants to its customer and the original end user the LED electronics and components of its properly installed LED products, to be free of defects in material and workmanship, in normal use, for a period of five (5) years from the date of shipments by National LED Lighting and warrants the painted finish for a period of one (1) year from the date of shipment by National LED Lighting.

Painted finished on the product will be considered defective in material or workmanship only if there is substantial deterioration in the form of blistering, cracking, or peeling within the one (1) year warranty period. The painted finish is not warranted against fading or chalking, as it may naturally fade or chalk over time due to normal aging.

National LED, at its sole option, will repair, replace, credit, or refund, any warranted product returned to it that it determines to be defective. Customer or consumer must return the product, transportation prepaid, to National LED at 6699 Portwest Drive #140, Houston, TX 77024 within the warranty period. No return of products will be accepted without a Return Goods Authorization (RGA) which may be obtained by calling 1-800-297-0484. This warranty excludes and there is disclaimed liability for labor or removal of this product or re-installation of this product or a replacement product.

This warranty is void if the product is installed in violation of the National Electrical Code (NEC) or any applicable local electrical codes, or in an improper environment, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions, or not in accordance with any labels or instructions. This warranty does not cover damages due to environmental conditions, acts of nature, animal or insect activity, or power surges.

THE ABOVE EXPRESS WARRANTY STATES THE FULL AND COMPLETE OBLIGATION OF NATIONAL LED. ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION TO THE TERM OF THE EXPRESS WARRANTY. UNDER NO CIRCUMSTANCES WILL NATIONAL LED ACCEPT LIABILITY FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, INCLUDING, WITHOUT LIMITATION, DAMAGE TO OR LOSS OF USE OF ANY EQUIPMENTS, LOST SALES OR PROFITS OR DELAY OR FAILURE TO PERFORM THIS WARRANTY OBLIGATION. THE REMEDIES PROVIDED HEREIN ARE THE EXCLUSIVE REMEDIES UNDER THIS WARRANTY, WHETHER ARISING OUT OF CONTRACT, TORT, STRICT LIABILITY, OR OTHERWISE.

Some states do not allow the exclusion of limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

No distributor or supplier of National LED, has the authority to modify or amend this Limited Warranty. This warranty may not be transferred or assigned by the original end user.

AVERAGE LIFE

For LEDs, the hours of rated life specify the point where 70% of original lumen output is reached. Below this point, the effective life is over, however, the LED may still emit light.

Individual results may vary with actual environmental conditions including, but not limited to, proper installation, ambient temperature and/or input voltage fluctuations.

For all linear lighting categories, any non-rated field connection made in an outdoor application should be properly sealed with dielectric grease covering all conductive materials; and properly installed power connections and end caps, sealed with silicone and heat shrink tube.

For the latest product information, updates, instructions and details concerning specifications, colors, finishes, performance, installation and design, visit www.NationalLED.com. Color may vary from the color printed herein due to limitations in photographic and printing processes. National LED reserves the right to change product specifications without notice. Other product specifications such as color temperature, wavelength characteristics and lumen output are subject to production limitations and may vary.

LED technology is changing rapidly, and not all color temperatures and performance levels can be duplicated at a later time. Best practices include purchasing 10-15% more for a particular project on the same initial order where white LED color temperatures must be maintained over project and product life. Eventual product replacement should be considered at layout and design stages. Best practices also include testing connections and product performance prior to mounting and/or installing.