

BOLT NOVA

NEXT GEN NATATORIUM-RATED RGBW FLOODLIGHT

SPECIFICATION SHEET ARCHI-COLOR™ RGBW

Housing

Diameter: 23" x 28.9" x 16" (500W), 23" x 41.3" x 20.4" (750W)

Weight: 44 lbs (500W), 77 lbs (750W)

Material

Housing : High Pressure Die-Cast Aluminum, Tempered Glass

Mounting : Corrosion-resistant fluorocarbon-coated steel

Lens : PC Lens

Power Input

500W, 750W | 277V, 347-480V

Lumen Output

41,910 lm (500W), 62,890 lm (750W)

Dimming

DMX : High resolution dims to 1%

DALI : DT6 (4 Channel) control dims to 1%

Color Quality

CRI 85

Rated Life

> 100,000 Hours (L70)

Finish



Black



White

Color Temperature



RGB



3000K

Archi-Color™ RGBW

Optics



30°



60°



Asymmetric

Mounting



Stem
Mount



Bracket



Wall
Mount



Flood
Mount

Warranty

5 Year limited warranty

Listing



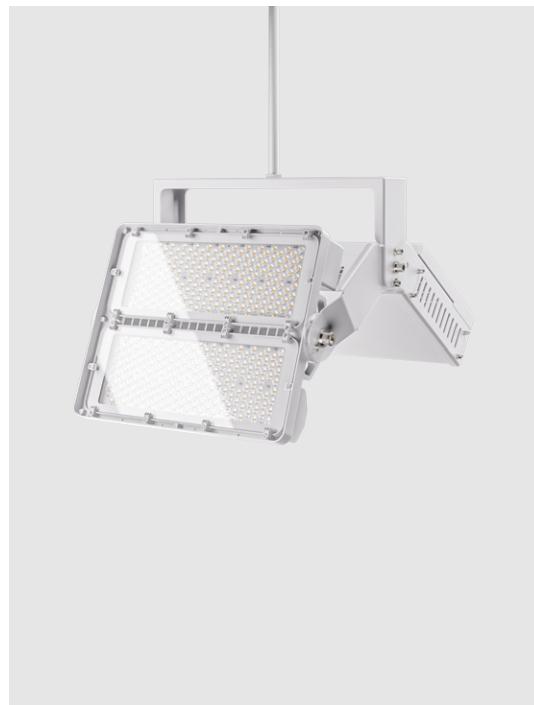
IK10

METEOR

Evolved With Color To Excel In Challenging Environments

We've enhanced the acclaimed Bolt Nova, taking its proven durability and natatorium-ready engineering a step further. This new variation adds full RGBW color capabilities to the robust, IP66-rated, corrosion-resistant package you trust.

Now featuring both direct and indirect mounting options, the Bolt Nova RGBW delivers the same reliable performance with the added power of dynamic color control for any demanding sports or aquatic environment.



meteor-lighting.com

SPECIFICATION SHEET / ARCHI-COLOR™ RGBW
BOLT NOVA NEXT GEN NATATORIUM-RATED
 RGBW FLOODLIGHT



SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

The product configurator function on this page works only with the latest version of Chrome or Adobe Acrobat Reader.

BLTN	MODEL	BOLT NOVA SERIES		
	DIRECTION	<input type="radio"/> D Downlight	<input type="radio"/> U Uplight	
	WATTAGE	<input type="radio"/> 500 500W	<input type="radio"/> 750 750W	
C308	CCT / CRI	C308 RGBW (RGB + 3000K / CRI85)		
	VOLTAGE	<input type="radio"/> 277 277V	<input type="radio"/> HVT 347-480V	
	DIMMING	<input type="radio"/> DMX DMX dims to 1%	<input type="radio"/> DALI DT6 (4 Channel) control dims to 1%	
	BEAM ANGLE	<input type="radio"/> 30 30°	<input type="radio"/> 60 60°	<input type="radio"/> ASY Asymmetric
	FINISH	<input type="radio"/> BLK Black	<input type="radio"/> WHT White	
	MOUNTING	<input type="radio"/> ST2 Stem 2 ft <input type="radio"/> BRK Bracket	<input type="radio"/> ST4 Stem 4 ft <input type="radio"/> WLM Wall Mount	<input type="radio"/> ST6 Stem 6 ft <input type="radio"/> FM ¹ Flood Mount
	ACCESSORIES	<input type="checkbox"/> GSV ² Glare Shield Visor	<input type="checkbox"/> WG ³ Wire Guard (IK10 Rating)	
	RATING	<input type="radio"/> OUT ⁴ Outdoor Rating	<input type="radio"/> NAT ⁵ Natatorium Rating	

CLEAR FORM

¹ Option is not compatible with Uplight configuration

² Please factor in change in lumen output with GSV, lumen output is -5% with asymmetric beam angles and -15% with other optics

³ Please factor in change in lumen output of -30% with WG

⁴ Outdoor Rating: Coating and wiring will be changed to high UV resistant and corrosion resistant materials for long term operation in outdoor environments

⁵ Natatorium rating: Coating and sealant will be changed to high corrosion resistant materials to prevent damage from long term exposure to chlorine vapors

TECHNICAL DETAILS

Electrical

- 41,910 lm (500W), 62,890 lm (750W)
- Power Input : High Voltage Range (277-480V)
- Operating Temperature : -40°F~121°F
- Surge Protection : Built-in is 20kV

LED Features

- Color Temperature : Archi-Color™ RGBW (RGB + 3000K)
- CRI 85
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs

Optics

- Precision molded high transmittance clear PC lens
- Beam Angle : 30°, 60°, Asymmetric

Advanced Dimming

- DMX : High resolution dims to 1%
- DALI : DT6 (4 Channel) control dims to 1%

EPA

- 500W : 4.62 ft²
- 750W : 6.6 ft²

Housing

- Diameter : 23" x 28.9" x 16" (500W), 23" x 41.3" x 20.4" (750W)
- Material : High Pressure Die-Cast Aluminum, Corrosion-resistant fluorocarbon-coated steel, Tempered Glass
- Weight : 44 lbs (500W), 77 lbs (750W)

Mounting

- Stem 2 ft / 4 ft / 6 ft
- Bracket
- Wall Mount
- Flood Mount

Warranty

- 5-year limited warranty

Listing

- ETL Wet Location Listed
- FCC
- IP66
- IK10 (Wire Guard)

PERFORMANCE SUMMARY*

Delivered Lumens				
CCT/WATTAGE	R	G	B	W
500W	125W	125W	125W	125W
	8,660lm	16,000lm	4,490lm	12,760lm
750W	188W	188W	188W	188W
	13,000lm	24,000lm	6,740lm	19,150lm

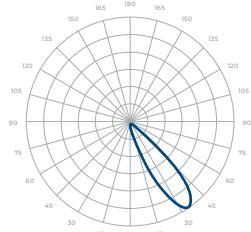
Current Consumption			
WATTAGE / VOLT	277V	347V	480V
500W	1.99A	1.59A	1.15A
750W	2.98A	2.38A	1.72A

*Beam Angle: 60° * Tolerance ±8%

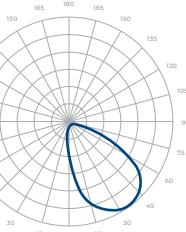
PHOTOMETRICS*

Below is a typical photometric representation of the Bolt Nova fixture. Please download IES files to ensure exact photometric value.

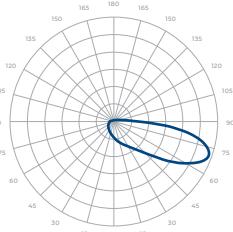
*35° Tilt



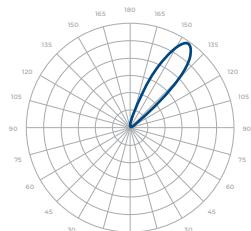
30° DIRECT



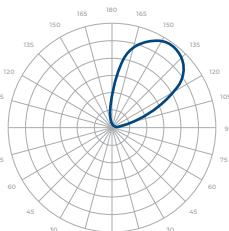
60° DIRECT



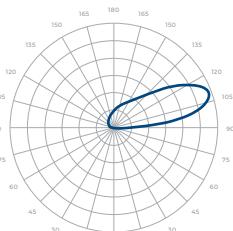
ASYMMETRIC DIRECT



30° INDIRECT



60° INDIRECT



ASYMMETRIC INDIRECT

DMX REQUIREMENTS

The Bolt Nova RGBW fixture with DMX is a **four channel dmx** unit. When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

DMX Address (W+RGB)					
Fixture	Channel	Red Control (ex. X)	Green Control (ex. X+1)	Blue Control (ex. X+2)	White Control (ex. X+3)
#1		1	2	3	4
#2		5	6	7	8
#3		9	10	11	12

*The White Control channel adjusts the brightness of 3000K LEDs.

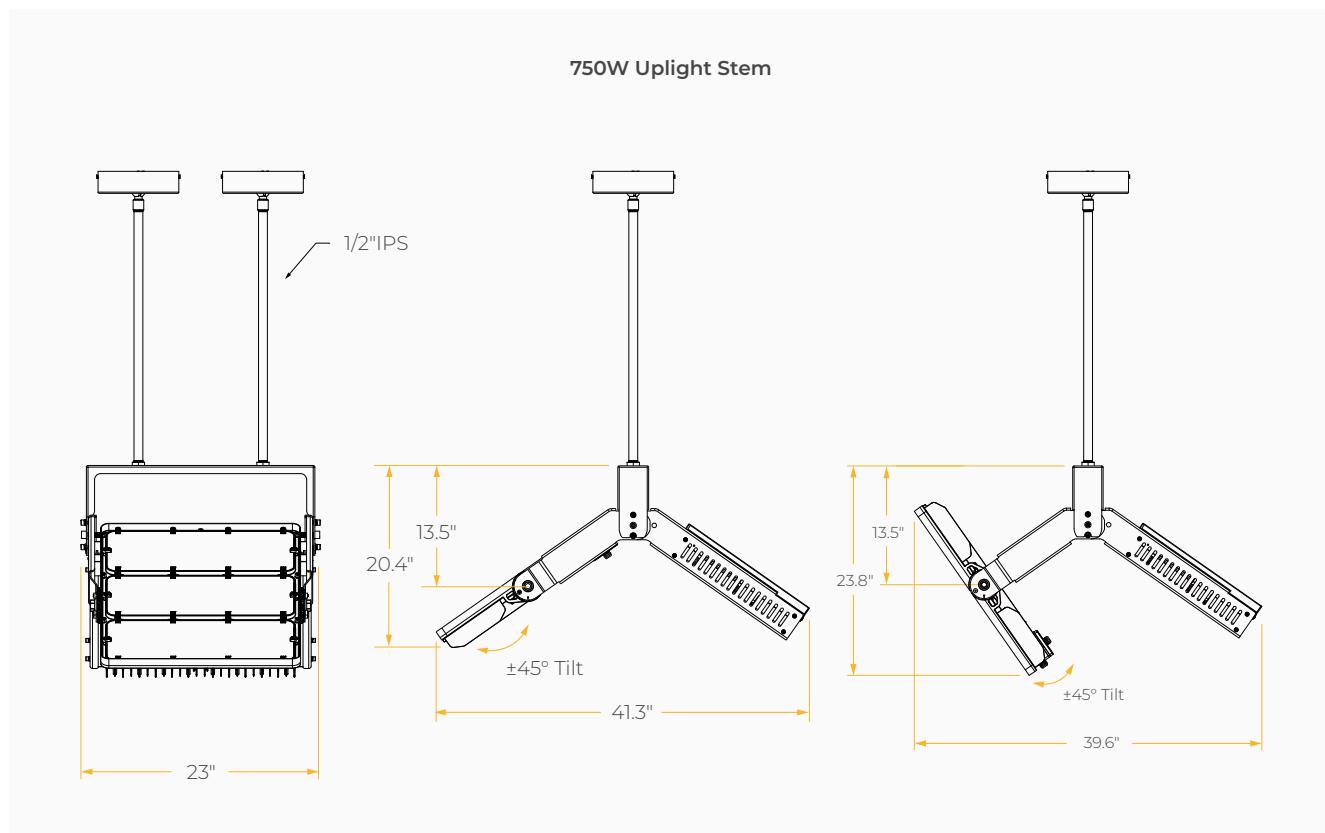
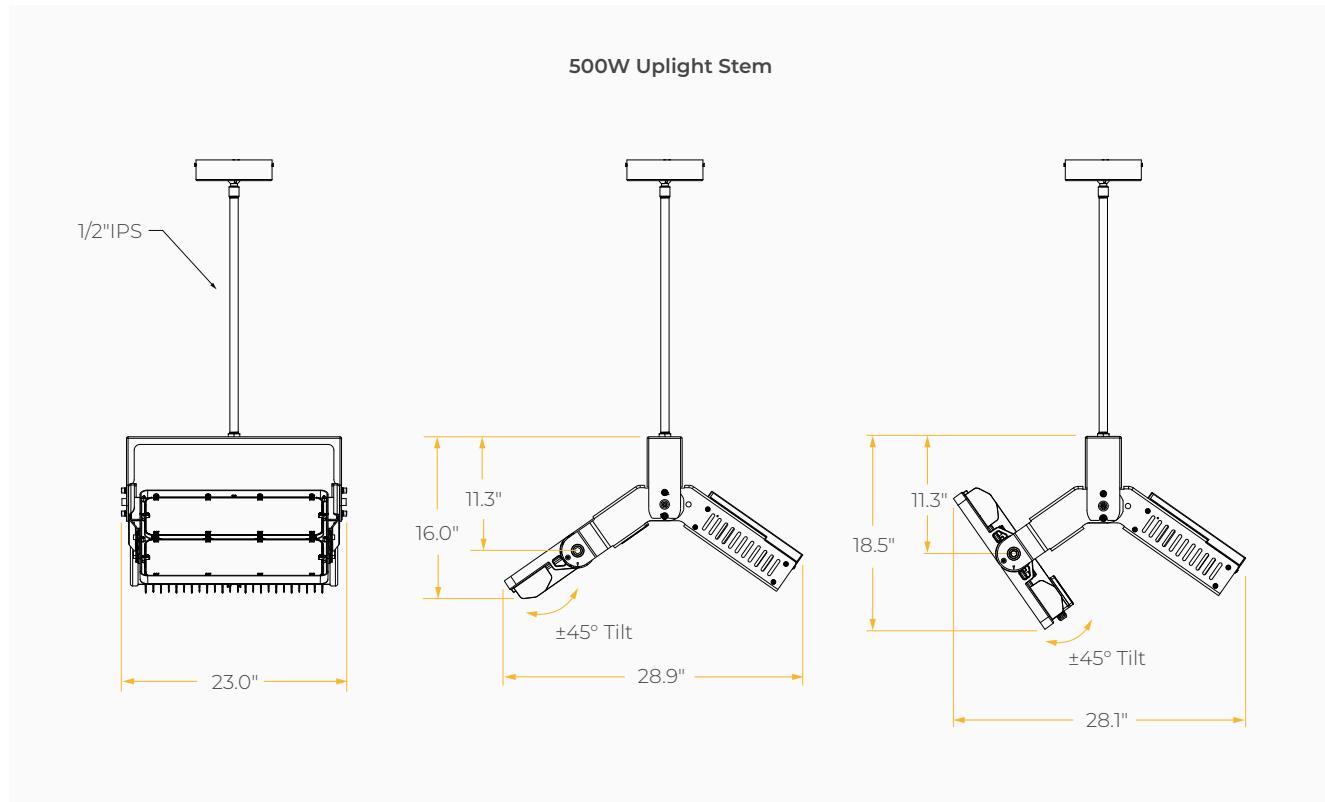
The DMX connection for this fixture must be **hard-wired**; please refer to the wiring diagram in the installation guide for detailed instructions. DMX cables are not included; please refer to the compatible DMX cabling list for more information. The final fixture on each daisy chain should be terminated by the use of a DMX terminator purchased from a 3rd party or from Meteor.

COMPATIBLE DMX CABLING LIST

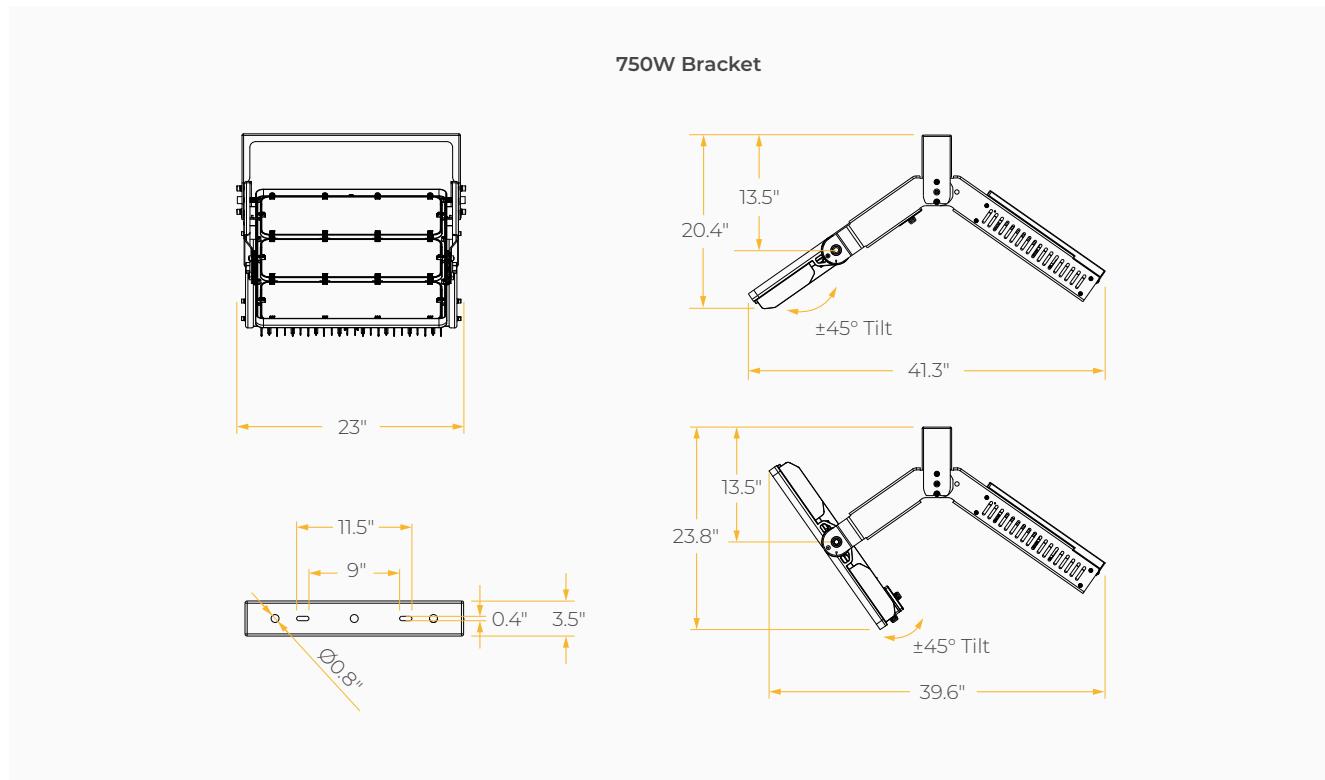
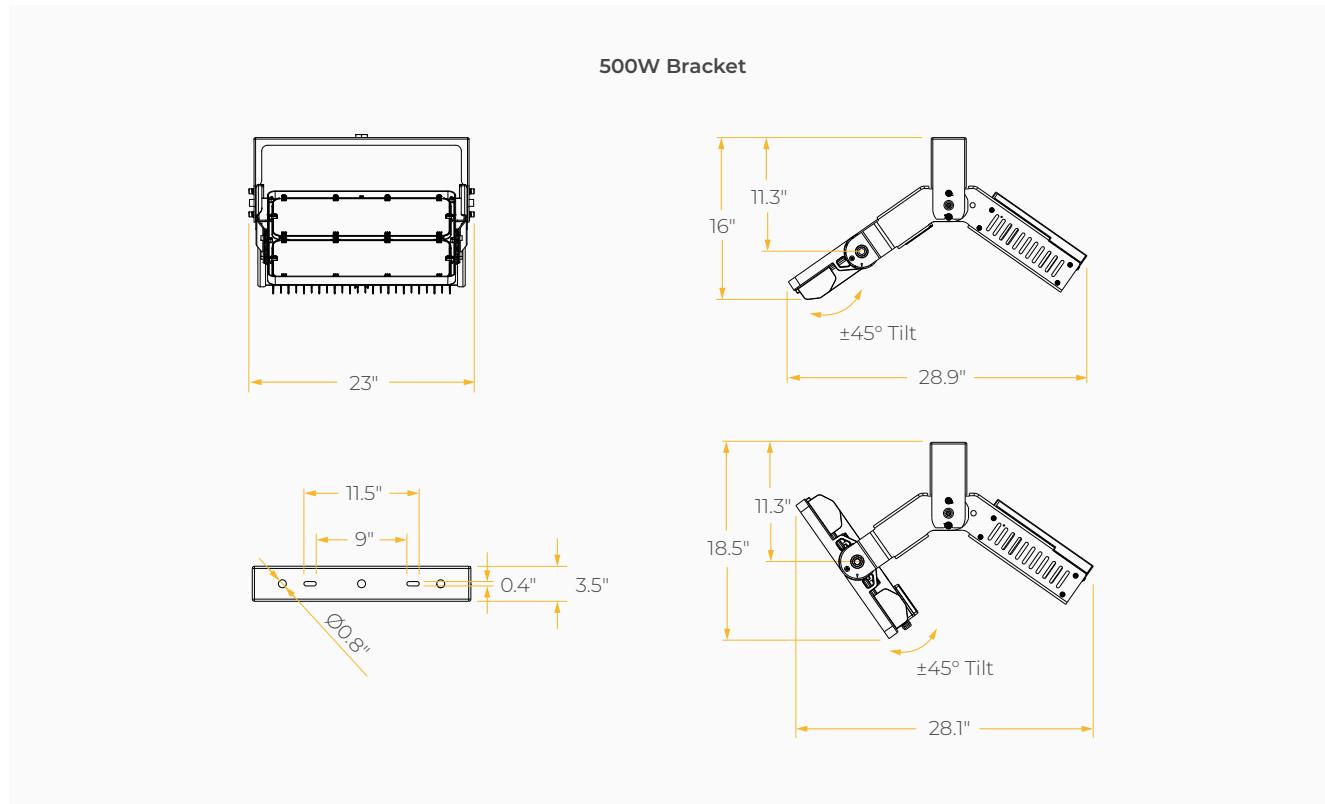
DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable **must not be used to carry DMX**. Network cable (Cat5, 5e or 6 cable) may be used to carry DMX in an installation; however special consideration must be given to shielding and termination. Under no circumstances should solid core cable like Cat5 be terminated into a screw down connector.

Meteor recommends the use of Belden 9729 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed.

DIMENSIONS

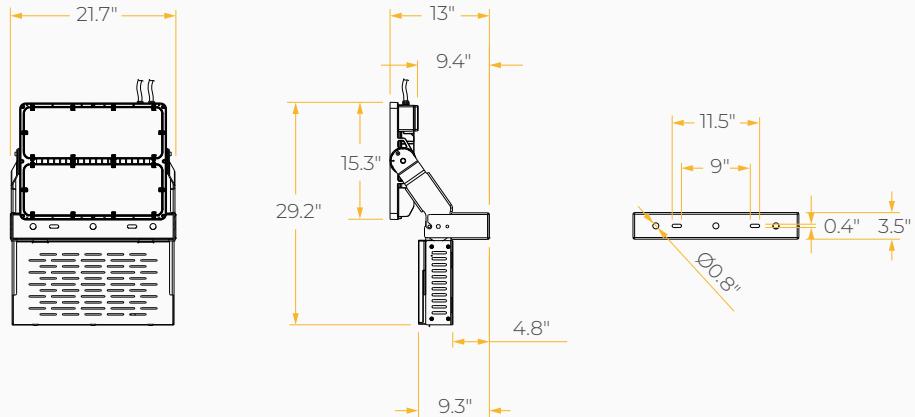


DIMENSIONS

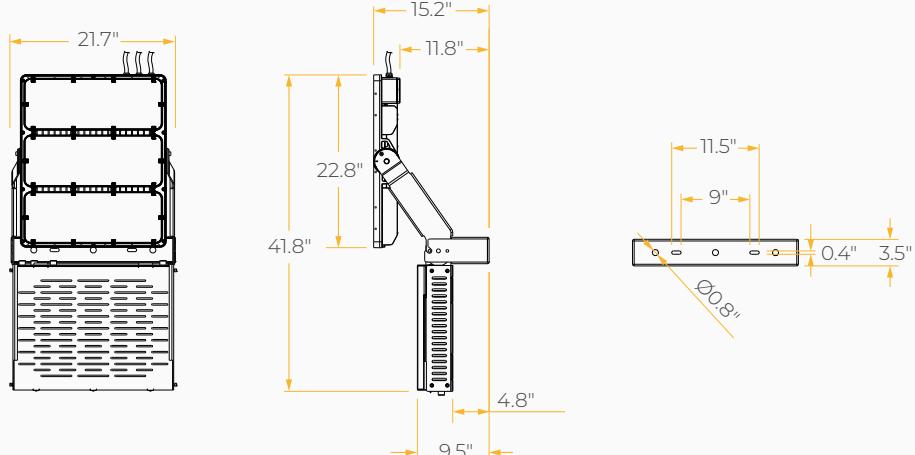


DIMENSIONS

500W Wall Mount

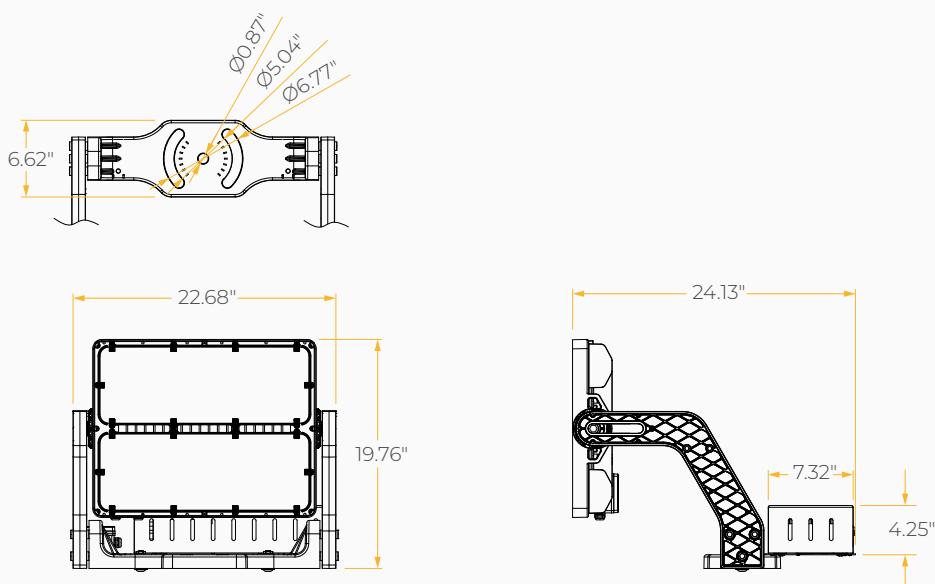


750W Wall Mount

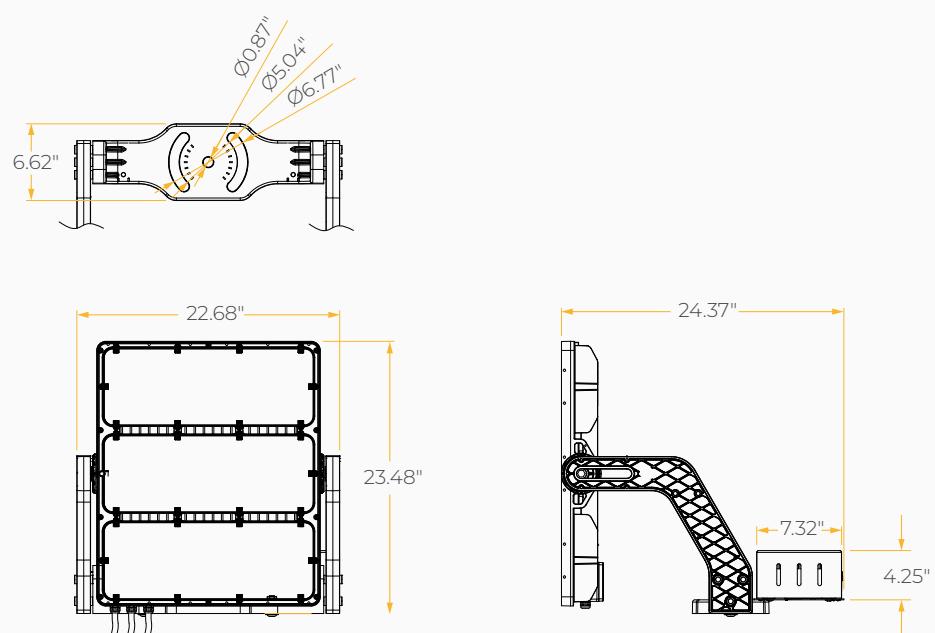


DIMENSIONS

500W Downlight Flood Mount



750W Downlight Flood Mount



ACCESSORIES

Glare Shield Visor



Glare Shield Visor (Asymmetric Beam Angle)



Wire Guard

