BOLT NOVA

NEXT GEN NATATORIUM-RATED RGBW FLOODLIGHT

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	Rated Life
CRI 85	> 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

ETL Listed Intertek   FC   IP66   IK10

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

meteor-lighting.com

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	**D** Downlight	**U** Uplight	
	WATTAGE	**500** 500W	**750** 750W	
C308	CCT / CRI	**C308** RGBW (RGB + 3000K / CRI85)		
	VOLTAGE	**277** 277V	**HVT** 347-480V	
	DIMMING	**DMX** DMX dims to 1%	**DALI** DT6 (4 Channel) control dims to 1%	
	BEAM ANGLE	**30** 30°	**60** 60°	**ASY** Asymmetric
	FINISH	**BLK** Black	**WHT** White	
	MOUNTING	**ST2** Stem 2 ft **BRK** Bracket	**ST4** Stem 4 ft **WLM** Wall Mount	**ST6** Stem 6 ft **FM¹** Flood Mount
	ACCESSORIES	**GSV²** Glare Shield Visor	**WG³** Wire Guard (IK10 Rating)	
	RATING	**OUT⁴** Outdoor Rating	**NAT⁵** 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

meteor-lighting.com   1860 S Carlos Ave, Ontario, California 91761 **E:** tech@meteor-lighting.com **T:** 213-255-2060
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BOLT NOVA
NEXT GEN NATATORIUM-RATED RGBW FLOODLIGHT

METEOR

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%

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

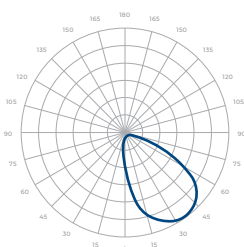| Current Consumption			
WATTAGE / VOLT	277V	347V	480V
500W	1.99A	1.59A	1.15A
750W	2.98A	2.38A	1.72A

*Beam Angle: 60° * Tolerance ±8%*
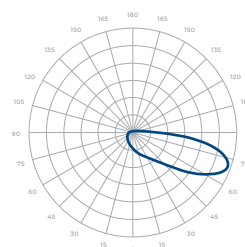
PHOTOMETRICS*

Below is a typical photometric representation of the Bolt Nova fixture. Please download IES files to ensure exact photometric value.
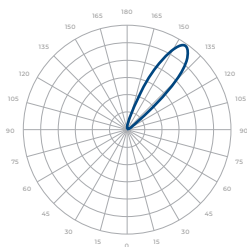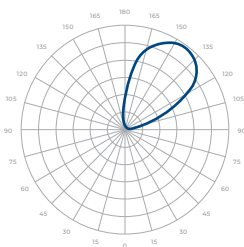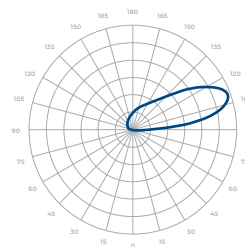*35° Tilt
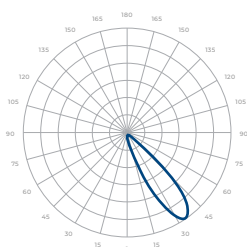
30°DIRECT

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.
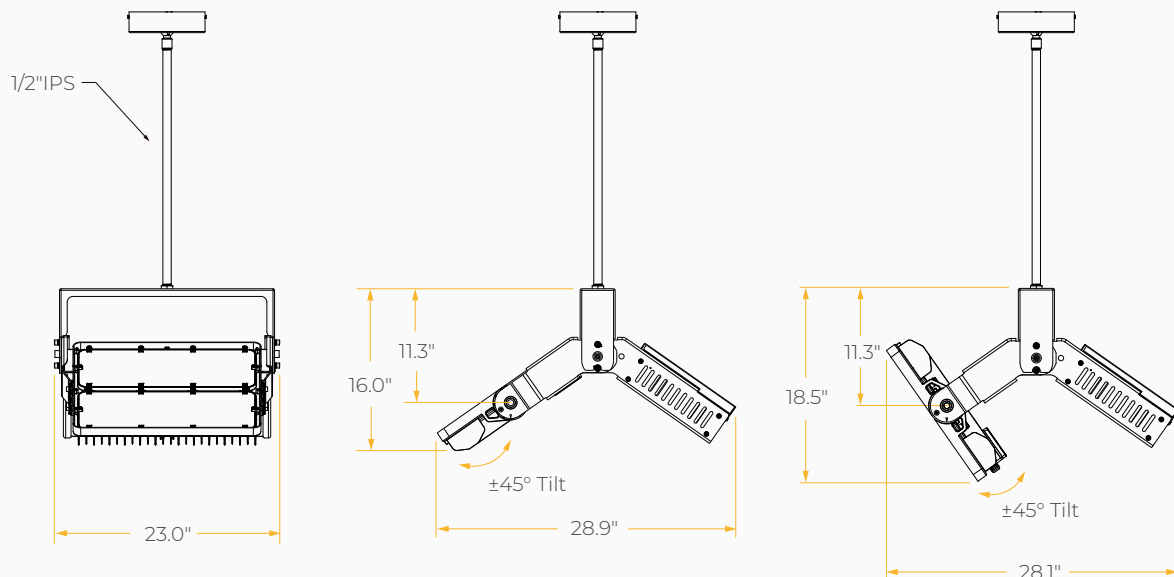
COMPATIBLE DMX CABLING LIST

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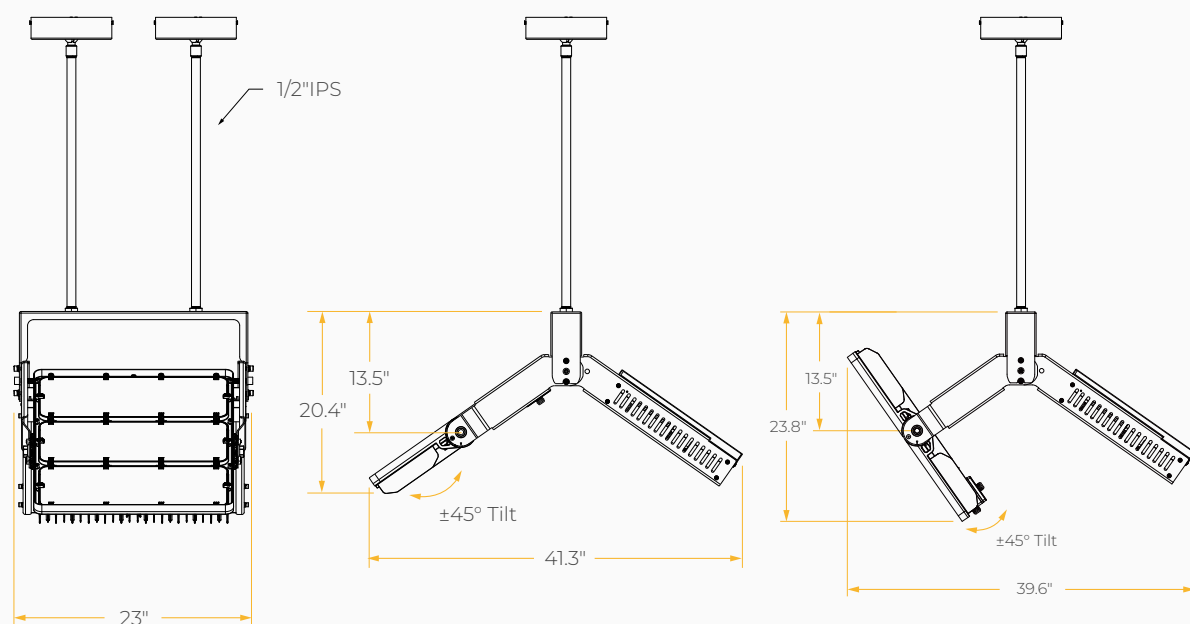
Meteor recommends the use of Belden 9729 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed.
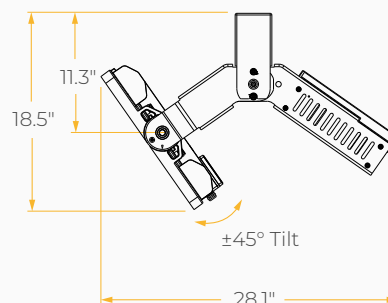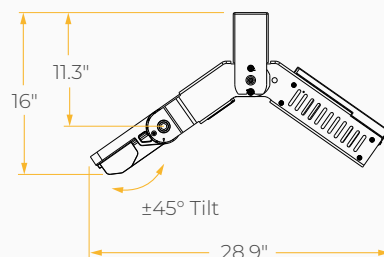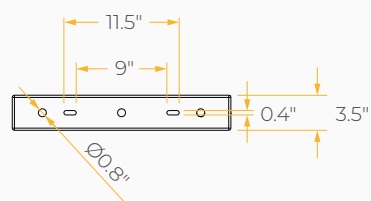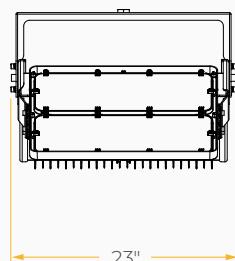
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DIMENSIONS

500W Uplight Stem

1/2"IPS

11.3"

16.0"

±45° Tilt

23.0"

28.9"

11.3"

18.5"

±45° Tilt

28.1"

750W Uplight Stem

1/2"IPS

13.5"

20.4"

±45° Tilt

23"

41.3"

13.5"

23.8"

±45° Tilt

39.6"

DIMENSIONS

500W Bracket

23"

11.3"
16"
±45° Tilt
28.9"

11.5"
9"
0.4"
3.5"
Ø0.8"

11.3"
18.5"
±45° Tilt
28.1"

750W Bracket

23"

13.5"
20.4"
±45° Tilt
41.3"

11.5"
9"
0.4"
3.5"
Ø0.8"

13.5"
23.8"
±45° Tilt
39.6"
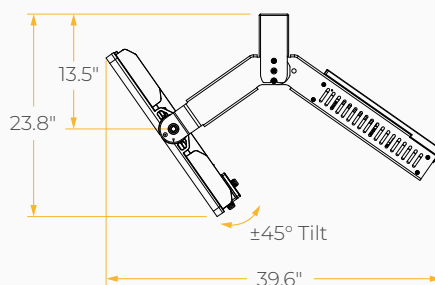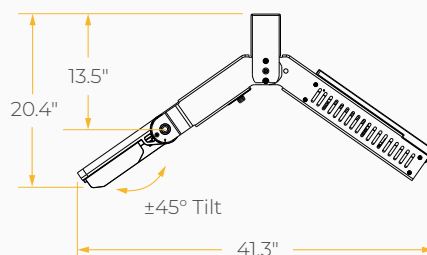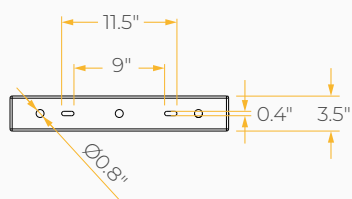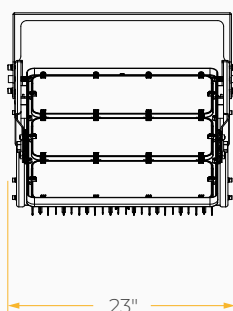
DIMENSIONS

500W Wall Mount

750W Wall Mount

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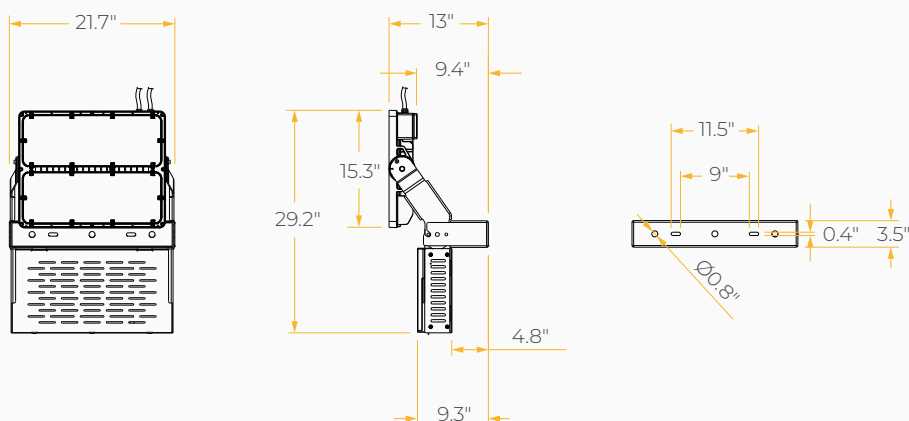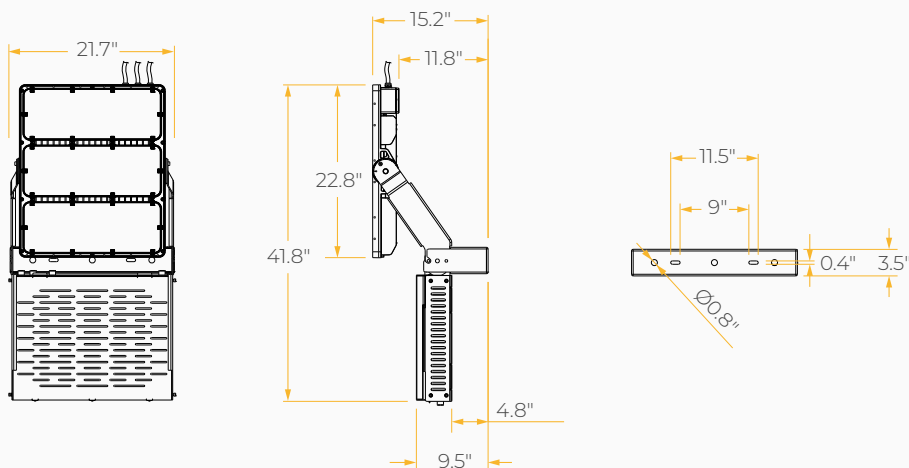
DIMENSIONS

500W Downlight Flood Mount

Ø0.87"
Ø5.04"
Ø6.77"
6.62"
22.68"
19.76"
24.13"
7.32"
4.25"

750W Downlight Flood Mount

Ø0.87"
Ø5.04"
Ø6.77"
6.62"
22.68"
23.48"
24.37"
7.32"
4.25"
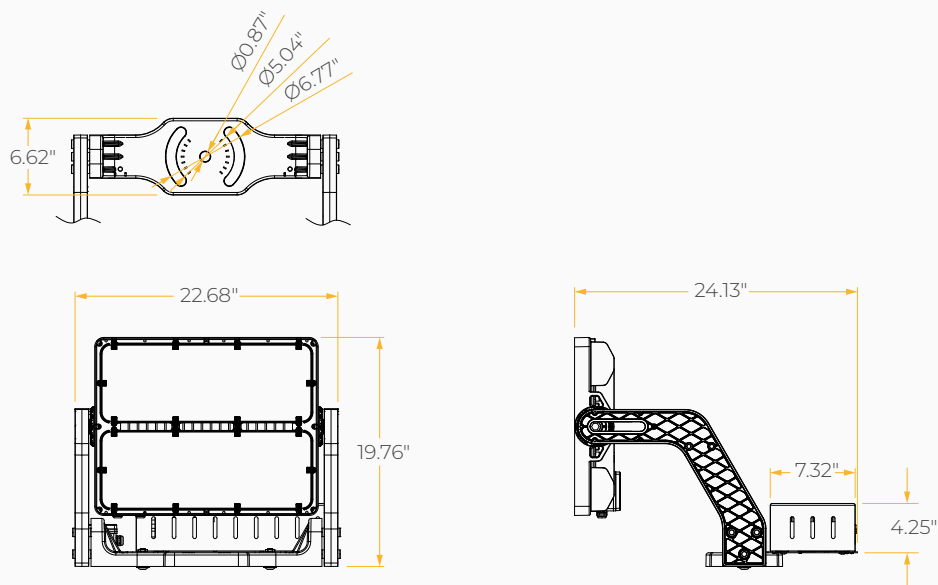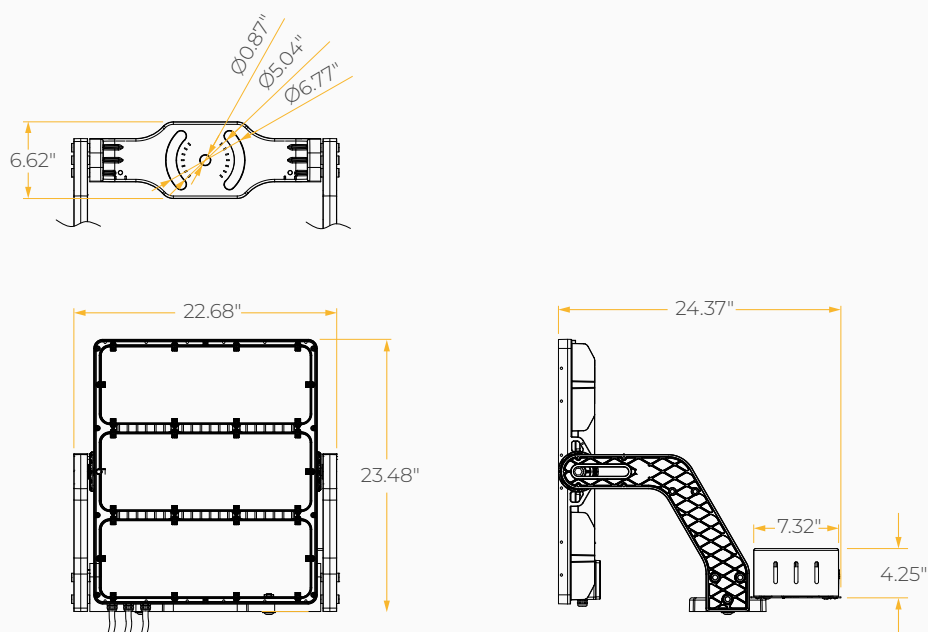
ACCESSORIES

Glare Shield Visor

5.5"

3.9"

19.1"
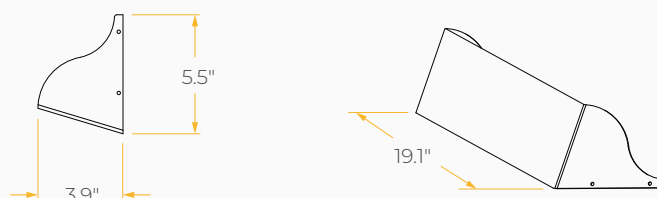
Glare Shield Visor (Asymetric Beam Angle)

5.5"

1.4"

19.1"

Wire Guard

19"

7.3"

1.1"

1.1"

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