

ADVANCED HIGH CEILING

# Whiz 2.0 Series - Standard



High lumen compact luminaire with lumen output 12400 – 35400lm. Additional features include IP65 and outdoor/natorium rating.

Quantity		Type	
Project		Note	

## Electrical System

- 13900lm (120W)
- 19600lm (170W)
- 26700lm (240W)
- 35400lm (300W)
- Power Input: Universal (120-277V); 347-480V
- Operating Temperature: -40°F~112°F
- Surge Protection: 4KV

## LED Technology

- 3000K, 3500K, 4000K , 5000K
- 75 CRI, 85 CRI
- Beam Angle: 25°, 40° , 60° and 100° (with diffuser)
- Rated Life > 100,000 hours (L70)
- Lumen Maintenance > 0.90 at 60,000 hours

## Advanced Dimming

(Proprietary VX Driver is incorporated to all dimming options for video flicker-free lighting)

- **Standard 0-10V:** dims to 10%
- **Superior 0-10V:** dims to 1%
- **DMX:** high resolution dims to 0.1%  
(Supports ANSI E1.20 RDM protocol)
- **TRIAC:** Line-voltage phase control, dims to 1% (120V only)
- **ECOsysteM:** dims to 10% (UNV only)
- **DALI:** dims to 10%

## Housing

- Diameter: 16.24" (420mm)
- Material: Die-Cast Aluminum, Tempered Glass
- Weight: 33lbs

## Mounting

- Stem 2ft, 4ft
- Adjustable Aircraft Cable 10ft
- Uplight 2ft, 4ft
- Adjustable Uplight 2ft, 4ft

## Warranty

- 5 years limited warranty.

## Listing

- ETL Listed
- DLC Listed



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## How To Specify:

**Ordering Example: WS2-240-507-UNV-DMX-60-BLK-ST2-EMP**

Model	Wattage	CCT / CRI	Voltage	Dimming
<b>WS2</b>				
<b>WS2</b> Whiz 2.0 Series	<b>120</b> 120W <b>170</b> 170W <b>240</b> 240W <b>300</b> 300W	<b>507</b> 5000K / CRI75 <b>308</b> 3000K / CRI85 <b>358</b> 3500K / CRI85 <b>408</b> 4000K / CRI85	<b>UNV</b> 120-277V <b>HVT</b> 347-480V	<b>NOD</b> Non-Dimming <b>STV</b> <sup>1</sup> Standard 0-10V dims to 10% <b>SPV</b> <sup>1</sup> Superior 0-10V dims to 1% <b>DMX</b> <sup>1</sup> DMX dims to 0.1% (XLR Sockets) <b>TRC</b> <sup>1,2,3</sup> TRIAC dims to 1% (120V only) <b>ECO</b> <sup>1,2,3</sup> LUTRON ECOsystem dims to 1% (UNV only) <b>DALI</b> <sup>1,2</sup> DALI dims to 10%

<sup>1</sup> Option is not compatible with **OCC**  
<sup>2</sup> Option is not compatible with **EMP**  
<sup>3</sup> Option is only compatible with **120W, 170W**

Beam Angle	Finish	Mounting	Accessories
<b>25</b> 25° <b>40</b> 40° <b>60</b> 60° <b>WD*</b> 100° (with diffuser)	<b>BLK</b> Black <b>WHT</b> White	<b>ST2</b> Stem 2ft <b>ST4</b> Stem 4ft <b>AD10</b> Adjustable Cable 10ft <b>UP2*</b> Uplight Stem 2ft <b>UP4*</b> Uplight Stem 4ft <b>AUP2*</b> Adjustable Uplight 2ft <b>AUP4*</b> Adjustable Uplight 4ft	<b>OCC</b> <sup>1,7</sup> Occupancy Sensor <b>EMP</b> <sup>2</sup> Remote Emergency Pack <b>DF</b> <sup>3</sup> Diffuser <b>WG</b> <sup>4</sup> Wire Guard <b>SNT</b> <sup>5</sup> Snoot <b>GSV</b> <sup>6</sup> Glare Shield Visor

\*Please factor in change in lumen output with diffuser (-20% with DF).

\*Option is not compatible with **OCC**.  
Stem length is required when placing order.

<sup>1</sup> Option is ONLY compatible with NOD, MUST order with Wire Guard.  
<sup>2</sup> Option is ONLY compatible with **STV, SPV and DMX**.  
<sup>3</sup> Please factor in change in lumen output with diffuser (-20% with DF).  
<sup>4</sup> Please factor in change in lumen output of -14%.  
<sup>5</sup> Please factor in change in lumen output of -30%.  
<sup>6</sup> Please factor in change in lumen output of -25%.  
<sup>7</sup> Option not available for 300W.

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## Delivered Lumens\*

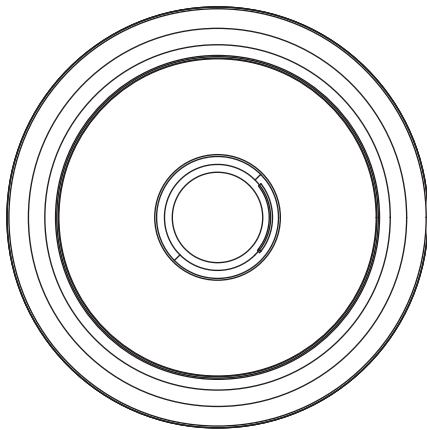
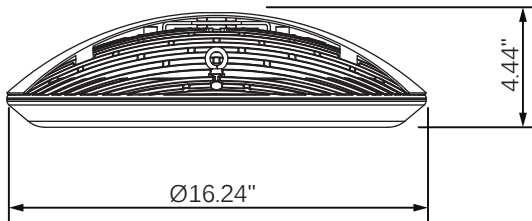
\*Tolerance ±8%

Wattage	120W	170W	240W	300W
Beam Angle: 40°				
CCT				
5000K	13900 lm	19600 lm	26700 lm	35400 lm
4000K	13300 lm	18900 lm	22100 lm	29700 lm
3500K	12500 lm	17700 lm	21400 lm	28800 lm
3000K	12400 lm	17510 lm	21200 lm	28500 lm

## Current Consumption

Wattage	120V	277V
120W	1.1A	0.48A
170W	1.56A	0.68A
240W	2.02A	0.87A
300W	2.75A	1.19A

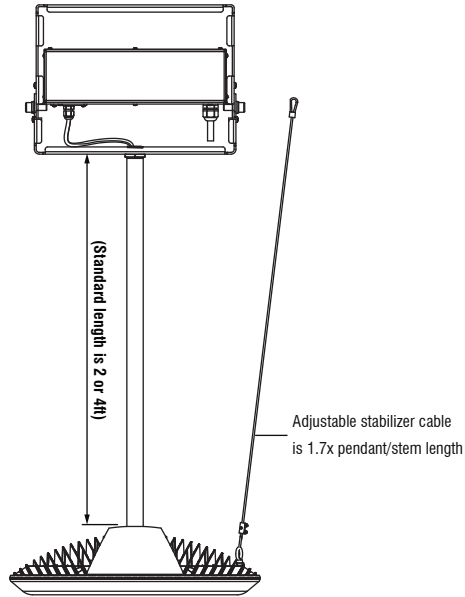
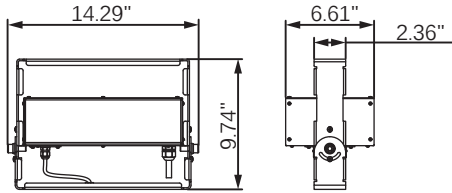
## Dimensions



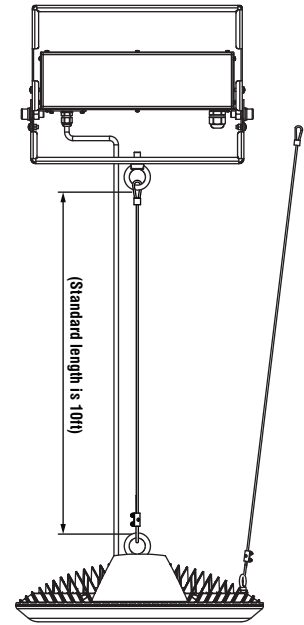
# Whiz 2.0 Series - Standard



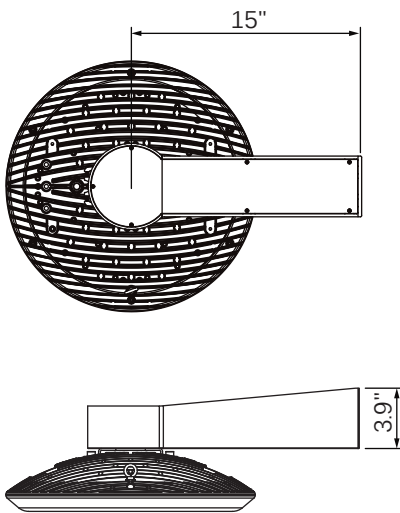
## Mounting Options



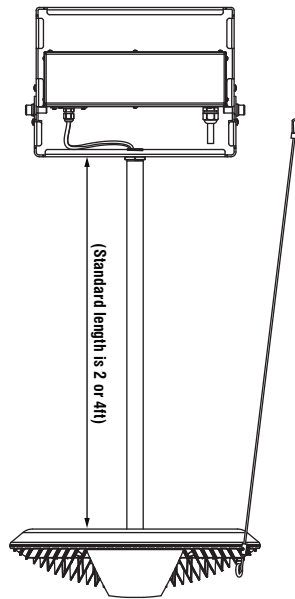
Stem



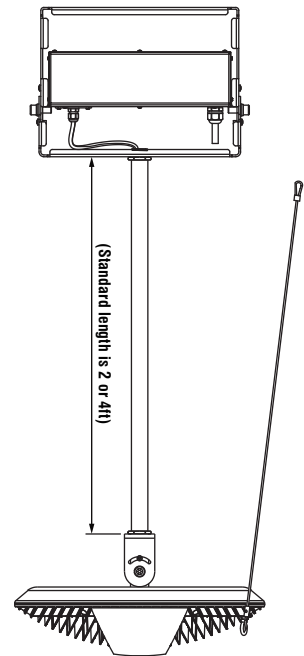
Adjustable Aircraft Cable



Wall Mount



Uplight



Adjustable Uplight

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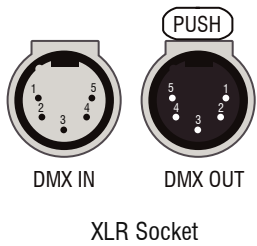


## DMX Requirements\*

The Whiz 2.0 LED fixture with DMX is a ONE CHANNEL DMX unit.

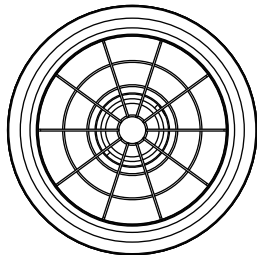
**When placing order, please indicate DMX address.** (The DMX address will be listed on the back of the fixture)

The LED fixture comes equipped with male and female 5-Pin XLR Receptacles. (DMX cable NOT included)

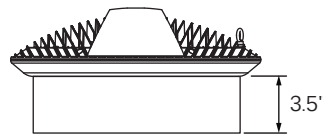


CONNECTION	5-PIN XLR
Common	PIN 1
Signal -	PIN 2
Signal +	PIN 3
Spare	PIN 4
Spare	PIN 5

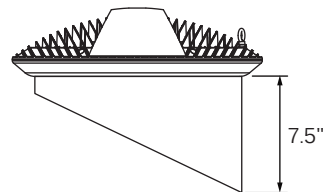
## Accessory



Wire Guard



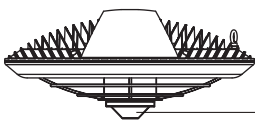
Snoot



Glare Shield Visor

## Occupancy Sensor

\* Not available with any dimming option.



Occupancy Sensor

## Occupancy Sensor Operation

