

ADVANCED HIGH CEILING

# Whiz 2.0 - Standard



High lumen compact luminaire with lumen output 12400 – 35400lm. Additional features include IP65 and outdoor/natatorium 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
- Power Factor Greater than 0.9

## 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)
- LTE: Hi-Lume 1% 2-Wire TRIAC (120V only)

- LDE1: Hi-Lume 1% EcoSystem (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 Damp Location Listed
- DLC Listed
- UL924



Not all Whiz 2.0 are DLC qualified. For all qualified products. Please visit: [www.designlights.org/ql](http://www.designlights.org/ql)

**Whiz 2.0 - Standard****How To Specify:****Ordering Example: WS2-240-507-UNV-DMX-60-BLK-ST2-EMP**

Model	Wattage		CCT / CRI		Voltage		Dimming	
WS2					UNV			
<b>WS2</b>	<b>120</b>	120W	<b>507</b>	5000K / CRI75	<b>UNV</b>	120-277V	<b>NOD</b>	Non-Dimming
<b>Whiz 2.0 Series</b>	<b>170</b>	170W	<b>308</b>	3000K / CRI85	<b>HVT</b>	347-480V	<b>STV</b>	Standard 0-10V dims to 10%
	<b>240</b>	240W	<b>358</b>	3500K / CRI85	<b>120</b>	120V	<b>SPV</b>	Superior 0-10V dims to 1%
	<b>300</b>	300W	<b>408</b>	4000K / CRI85			<b>DMX</b>	DMX dims to 0.1% (XLR Sockets)
							<b>LTE<sup>1</sup></b>	Hi-Lume 1% 2-Wire TRIAC (120V only)
						<b>LDE1<sup>1</sup></b>	Hi-Lume 1% EcoSystem (UNV only)	
							<b>DALI</b>	DALI dims to 10%
<sup>1</sup> Option only compatible with 120W, 170W.								

Beam Angle		Finish		Mounting		Accessories	
<b>25</b>	25°	<b>BLK</b>	Black	<b>ST2</b>	Stem 2ft	<b>OCC<sup>1,6</sup></b>	Occupancy Sensor
<b>40</b>	40°	<b>WHT</b>	White	<b>ST4</b>	Stem 4ft	<b>EMP</b>	Remote Emergency Pack
<b>60</b>	60°			<b>AD10</b>	Adjustable Cable 10ft	<b>DF<sup>2</sup></b>	Diffuser
<b>WD*</b>	100° (with diffuser)			<b>UP2*</b>	Uplight Stem 2ft	<b>WG<sup>3</sup></b>	Wire Guard
				<b>UP4*</b>	Uplight Stem 4ft	<b>SNT<sup>4</sup></b>	Snoot
		<b>AUP2*</b>	Adjustable Uplight 2ft	<b>GSV<sup>5</sup></b>	Glare Shield Visor		
		<b>AUP4*</b>	Adjustable Uplight 4ft				
*Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees).				*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> Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees).	
						<sup>3</sup> Please factor in change in lumen output of -14%.	
						<sup>4</sup> Please factor in change in lumen output of -30%.	
						<sup>5</sup> Please factor in change in lumen output of -25%.	
						<sup>6</sup> Option not available for 300W.	

**DesignLights Consortium™ Qualified Luminaires:**

DLC QPL Model Number : WS2-300-408

Not all product variations listed on this page are DLC qualified.

To ensure that a specific model is qualified, visit [www.designlights.org/search](http://www.designlights.org/search).

# Whiz 2.0 - Standard



## Delivered Lumens\*

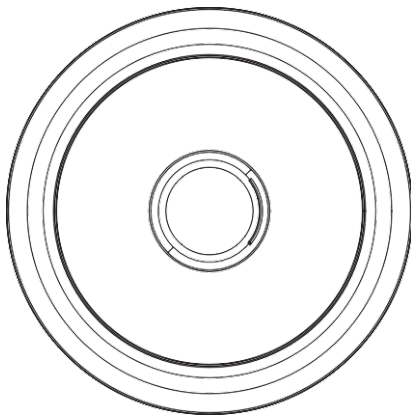
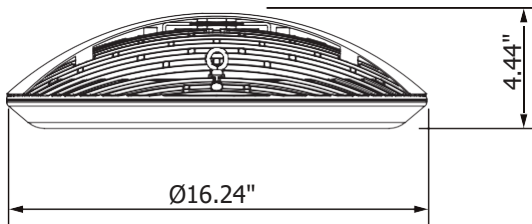
Wattage	120W	170W	240W	300W
Beam Angle: 40°				
CCT				
5000K	13900 lm	19600 lm	26700 lm	35400 lm
4000K	13300 lm	18900 lm	22100 lm	29700 lm
3500K	12500 lm	17700 lm	21400 lm	28800 lm
3000K	12400 lm	17510 lm	21200 lm	28500 lm

\*Tolerance±8%

## 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

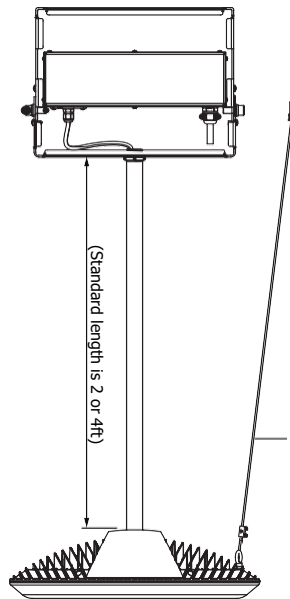
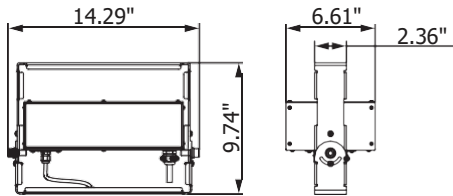
## Dimensions



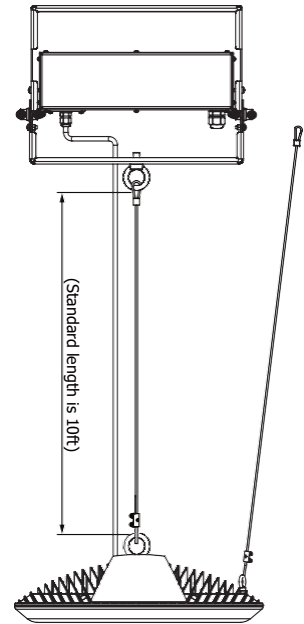
# Whiz 2.0 - Standard



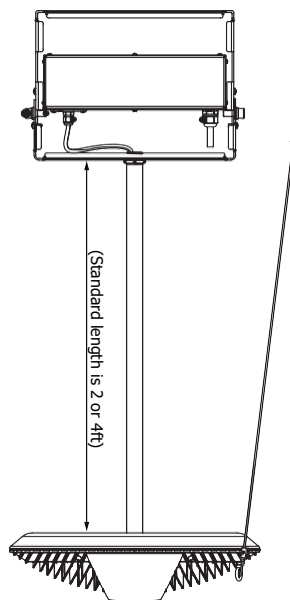
## Mounting Options



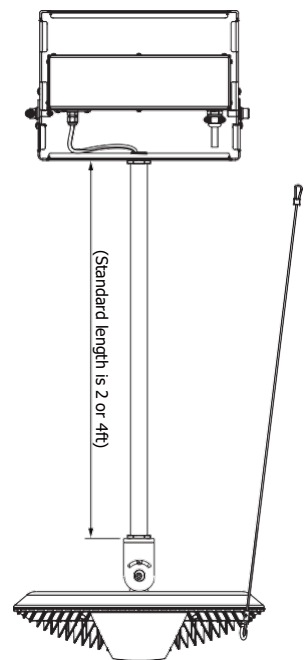
Stem



Adjustable Aircraft Cable



Uplight



Adjustable Uplight

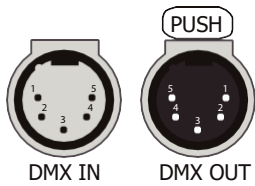
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## DMX Requirements\*

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

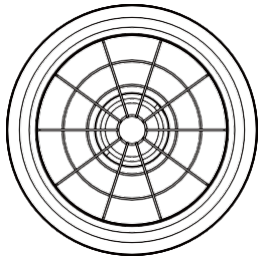
**When placing order, please indicate DMX address.** (The DMX address will be listed on the back of the fixture) The LED fixture comes equipped with male and female 5-Pin XLR Receptacles. (DMX cable NOT included)



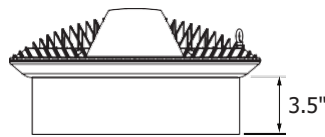
XLR Socket

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

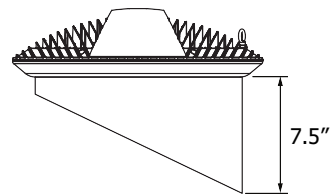
## Accessory



Wire Guard



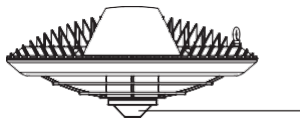
Snoot



Glare Shield Visor

## Occupancy Sensor

\* Not available with any dimming option.



Occupancy Sensor

## Occupancy Sensor Operation

