WHIZ 2.0

SLEEK AND ARCHITECTURAL HIGH CEILING SOLUTION

SPECIFICATION SHEET
TUNABLE WHITE

Housing
Diameter : Ø16.24" | Height : 4.4" | Weight : 33 lbs

Material
Housing : High Pressure Die-Cast Aluminum
Lens : High transmittance clear tempered glass

Power Input
150W, 300W | 120-277V, 347-480V

Lumen Output
20,980 lm (150W), 29,555 lm (300W)

Dimming
Superior 0-10V : Dims to 1%
DMX : High resolution dims to 0.1%

Color Quality	**Rated Life**
CRI 75, CRI 85	> 100,000 Hours (L70)

Finish

Black White

Color Temperature

ColorFlip™ Tunable White
3000K ↔ 5000K

Optics

25° 40° 60° WIDE

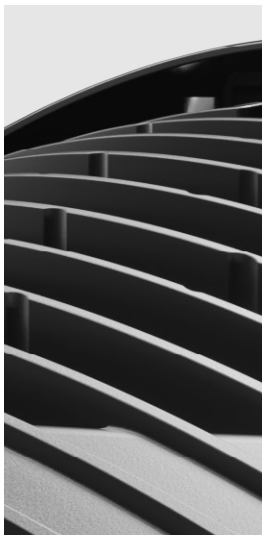
Warranty
5 Year limited warranty

Listing

Designed For The Ones Who Expect The Extraordinary.

The Whiz 2.0 redefines high ceiling design, with a High Bay look that is unlike any other. This architectural fixture is suitable for mounting heights of 30ft and above and delivers high performance as well as clean aesthetics.

The Whiz 2.0 can be configured for both direct and indirect lighting, is available in Wet Location listed ratings, as well as Colorflip™ color-changing technologies.



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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.

WS2	MODEL	**WHIZ 2.0 TUNABLE WHITE**		
	WATTAGE	**150** 150W	**300** 300W	
TNW	CCT / CRI	**TNW** 3000K-5000K		
	VOLTAGE	**UNV** 120-277V	**HVT** 347-480V	
	DIMMING	**SPV** Superior 0-10V dims to 1%	**DMX** DMX dims to 0.1% (XLR Sockets)	**DMXR** DMX dims to 0.1% (RJ45 Sockets)
	BEAM ANGLE	**25** 25° **WD**[1] Wide (With Diffuser)	**40** 40°	**60** 60°
	FINISH	**BLK** Black	**WHT** White	
	MOUNTING	**ST2** Stem 2ft **UP2** Uplight Stem 2ft **AUP4**[2] Adjustable Uplight 4ft	**ST4** Stem 4ft **UP4** Uplight Stem 4ft	**AD10** Adjustable Cable 10ft **AUP2**[2] Adjustable Uplight 2ft
	ACCESSORIES	**EMP**[3] Remote Emergency Pack **SNT**[6] Snoot	**DF**[4] Diffuser **GSV**[7] Glare Shield Visor	**WG**[5] Wire Guard

CLEAR FORM

[1] *WD option reduces delivered lumens by ~20%*
[2] *Option is not compatible with WG, SNT, GSV*
[3] *EMP is not compatible with 300, HVT*
[4] *DF option reduces delivered lumens by ~12% (~20% with WD)*
[5] *WG option reduces delivered lumens by ~14%*
[6] *SNT option reduces delivered lumens by ~30%*
[7] *GSV option reduces delivered lumens by ~25%*

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TECHNICAL DETAILS

Electrical

- 20,980 lm (150W)
- 29,555 lm (300W)
- Power Input : 120-277V, 347-480V
- Operating Temperature : -40°F~112°F
- Surge Protection : Built-in is 4KV
- Emergency Pack with Mounting Plate: Philips Bodine BSL20B2UEK55C1I1
- Power Factor Greater than 0.9

LED Features

- ColorFlip™ Tunable White 3000K ↔ 5000K
- CRI 75, CRI 85
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs
- Lumen Maintenance > 0.90 at 60,000 hours

Optics

- Beam Angle : 25°, 40°, 60°, WD (With diffuser)

Advanced Dimming

- Proprietary VX Driver™ is integrated across all dimming options, delivering video flicker-free performance and full compliance with IEEE 1789.
- Superior 0-10V : Two channel 0-10V, dimming to 1% (1 controls intensity, 1 controls CCT)
- DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)

Housing

- Diameter : Ø16.24"
- Height : 4.4"
- Weight : 33 lbs
- Material : High Pressure Die-Cast Aluminum, Tempered Glass
- IK07

Mounting

- Stem Mount 2ft or 4ft
- Adjustable Cable 10ft
- Uplight Mount 2ft, 4ft
- Adjustable Uplight Mount 2ft, 4ft

Warranty

- 5-year limited warranty

Listing

- ETL Damp Location Listed
- CE
- UKCA
- FCC

PERFORMANCE SUMMARY*

ColorFlip™	3000K	3500K	4000K	4500K	5000K
DMX CCT Signal (%)	0%	25%	45%	60%	100%
0-10V CCT Voltage	0	2.5	4.5	6	10
150W	17,165lm	19,070lm	20,980lm	20,805lm	20,630lm
300W	24,100lm	26,830lm	29,555lm	29,545lm	29,540lm
CRI	85	83	82	80	75

**Tolerance±8%*

Emergency Pack Lumen Output Table	
CCT	4000K
LUMEN	1,980lm

Current Consumption				
WATTAGE / VOLT	120V	277V	347V	480V
150W	1.34A	0.60A	0.48A	0.34A
300W	2.75A	1.19A	0.95A	0.69A

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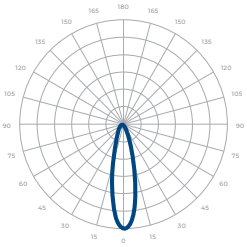
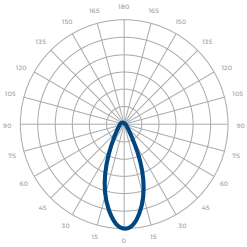
PHOTOMETRICS

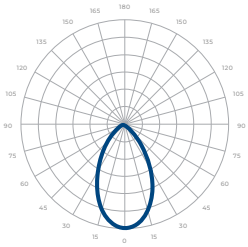
Below is a typical photometric representation of the Whiz 2.0 fixture. Please download IES files to ensure exact photometric value.



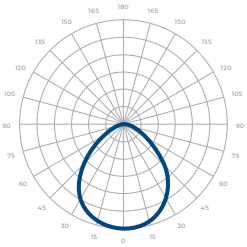
25°



40°



60°



WIDE

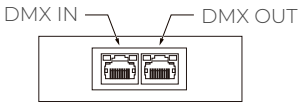
DMX REQUIREMENTS

The Whiz 2.0 Tunable White fixture with DMX unit has **two channels** per fixture (1 to control intensity, 1 to control color). 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.

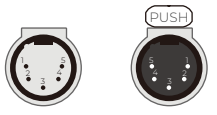
DMX Address		
Fixture	**Intensity Control (ex. X)**	**Color Control (ex. X+1)**
#1	1	2
#2	3	4
#3	5	6

The fixture can be connected with RJ45 or XLR sockets. DMX cables **are not** included; please refer to 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.

CONNECTION	RJ45 (CAT5e)	5-PIN XLR
Common	WHITE/BROWN(PIN7) & BROWN (PIN 8)	PIN 1
Signal -	ORANGE (PIN 2)	PIN 2
Signal +	WHITE/ORANGE (PIN 1)	PIN 3
Spare	-	PIN 4
Spare	-	PIN 5



RJ45 Sockets



DMX IN DMX OUT

XLR Sockets

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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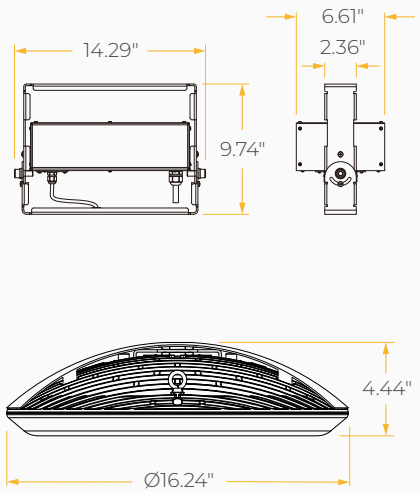
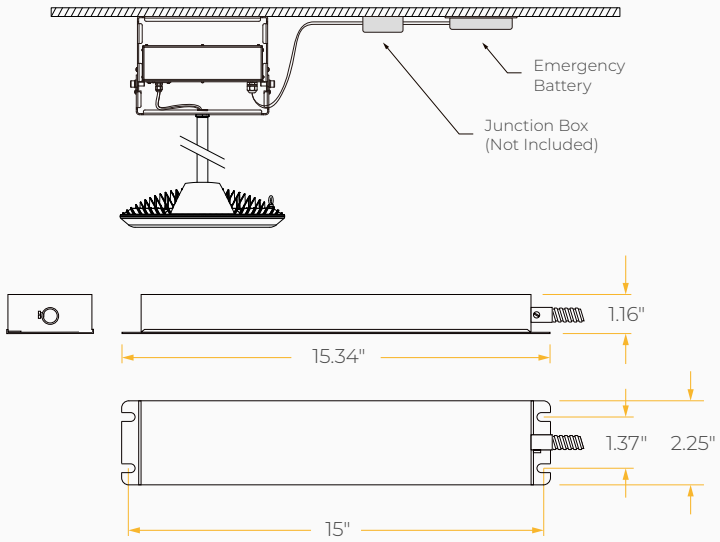
DIMENSIONS

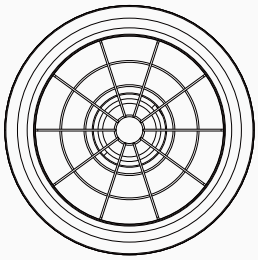


Remote Emergency Pack

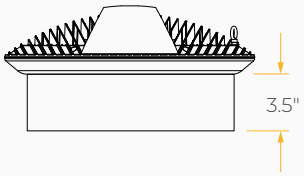


ACCESSORY

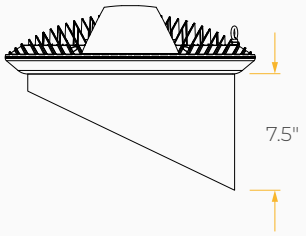
Wire Guard



Snoot



Glare Shield Visor



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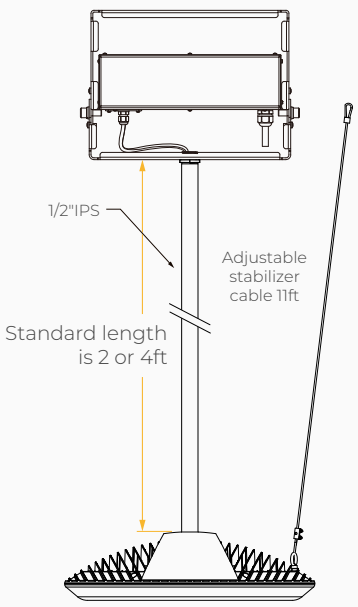
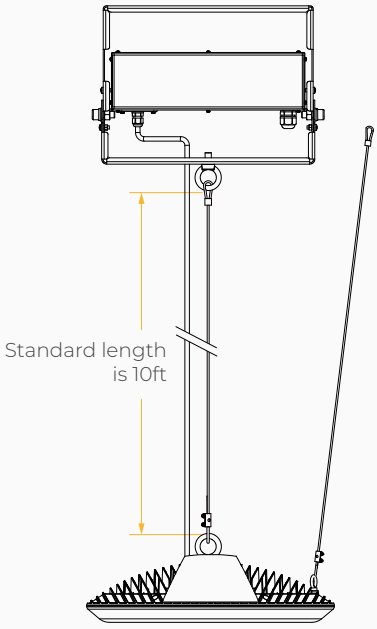
MOUNTING OPTIONS

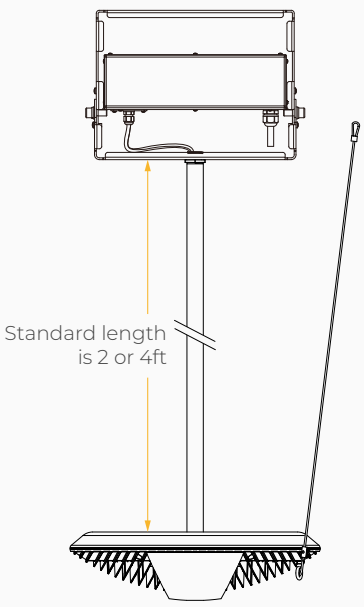
Stem Mount



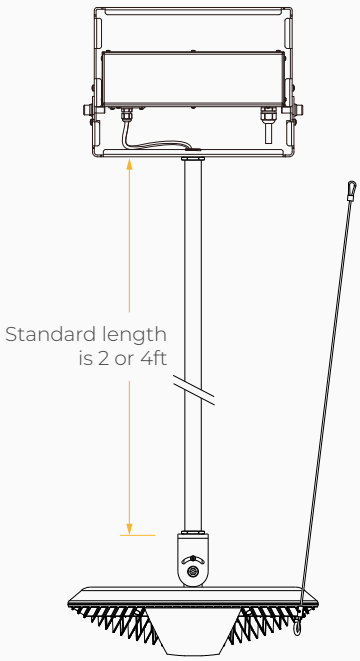
Adjustable Aircraft Cable



Uplight Mount



Adjustable Uplight (45° Tilt on each side)



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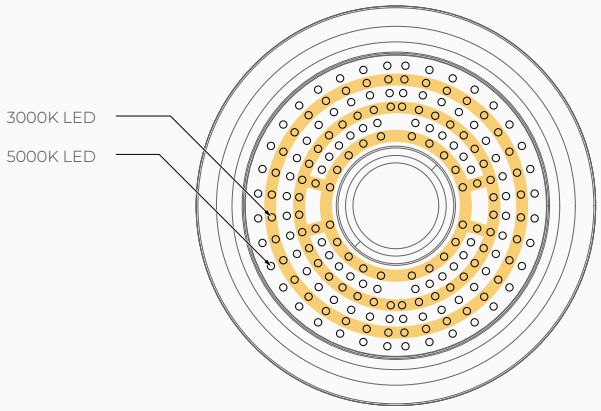
LED DISTRIBUTION



150W (75W : 3000K ; 75W : 5000K)
300W (150W : 3000K ; 150W : 5000K)

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