WHIZ 2.0

SLEEK AND ARCHITECTURAL HIGH CEILING SOLUTION

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

Material
Housing : High Pressure Die-Cast Aluminum, Tempered Glass
Lens : Precision molded high transmittance clear PC lens

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

TNW   ColorFlip™ Tunable White
3000K ↔ 5000K

Optics

25°   40°   60°   WIDE

Warranty
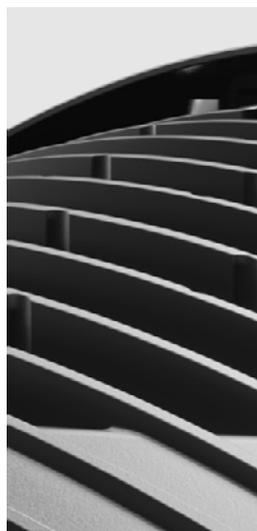5 Year limited warranty

Listing

cETLus Intertek   CE   FC

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.

2019 LFI INNOVATION AWARDS®

METEOR

WHIZ 2.0

**SLEEK AND ARCHITECTURAL
HIGH CEILING SOLUTION**

METEOR

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

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)	**DMX(RJ45)** DMX dims to 0.1% (RJ45 Sockets)
	BEAM ANGLE	**25** 25° **WD¹** Wide (With Diffuser)	**40** 40°	**60** 60°
	FINISH	**BLK** Black	**WHT** White	
	MOUNTING	**ST2** Stem 2ft **UP2** Uplight Stem 2ft **AUP4** Adjustable Uplight 4ft	**ST4** Stem 4ft **UP4** Uplight Stem 4ft	**AD10** Adjustable Cable 10ft **AUP2** Adjustable Uplight 2ft
	ACCESSORIES	**EMP²** Remote Emergency Pack **SNT⁵** Snoot	**DF³** Diffuser **GSV⁶** Glare Shield Visor	**WG⁴** Wire Guard

[1] *Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees).*

[2] *EMP option is not compatible with 300W version or HVT voltage.*

[3] *Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees).*

[4] *Please factor in change in lumen output of -14%.*

[5] *Please factor in change in lumen output of -30%.*

[6] *Please factor in change in lumen output of -25%.*

meteor-lighting.com   1300 John Reed Court, Unit B, City of Industry, California 91745 **E:** tech@meteor-lighting.com **T:** 213-255-2060

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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

- Precision molded high transmittance clear PC lens
- Beam Angle : 25°, 40°, 60°, Wide (With diffuser)

Advanced Dimming

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

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
- 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
150W	1.25A	0.54A
300W	2.5A	1.08A

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WHIZ 2.0
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HIGH CEILING SOLUTION

METEOR

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 |
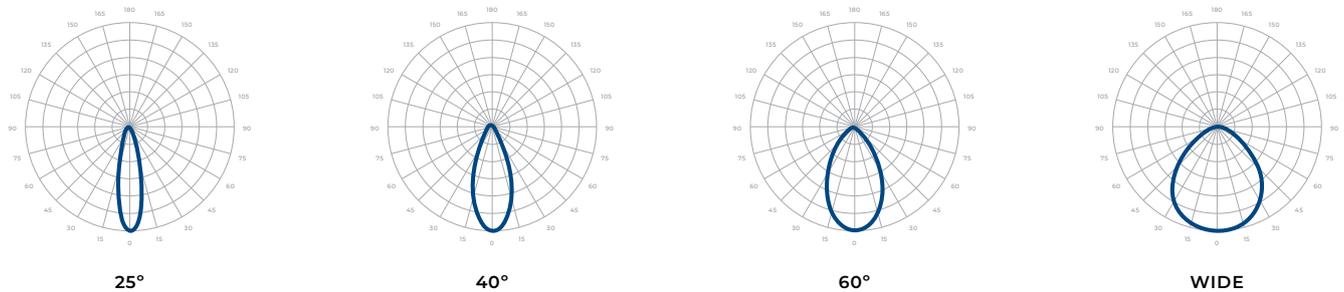
DMX REQUIREMENTS

The Whiz 2.0 LED Tunable White fixture with DMX unit has **two channels** per fixture (1 to control intensity, 1 to control color).
Fixture will be controlled by DMX number controlling intensity. We do not recommend more than 32 fixtures per DMX daisy chain.
When placing order, please indicate DMX address (refer to DMX Address example below).
DMX address will be listed on the back of each fixture.

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

The LED fixture provide RJ45 Socket or XLR socket to connect. (DMX cable **not** included.)
The final fixture should be terminated by the use of DMX Terminator (by others).

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

DMX IN ─┐ ┌─ DMX OUT

RJ45 Sockets
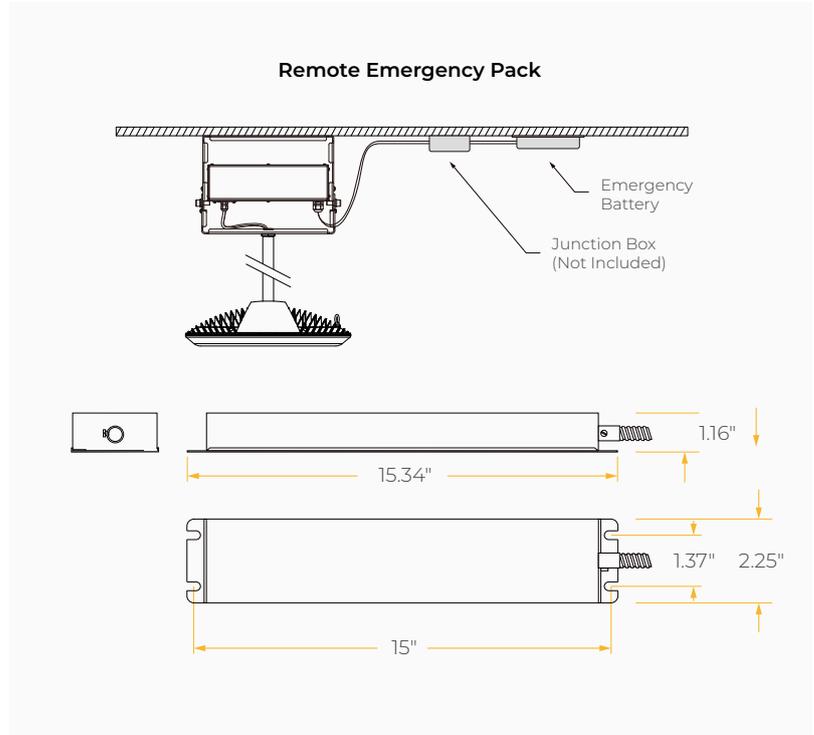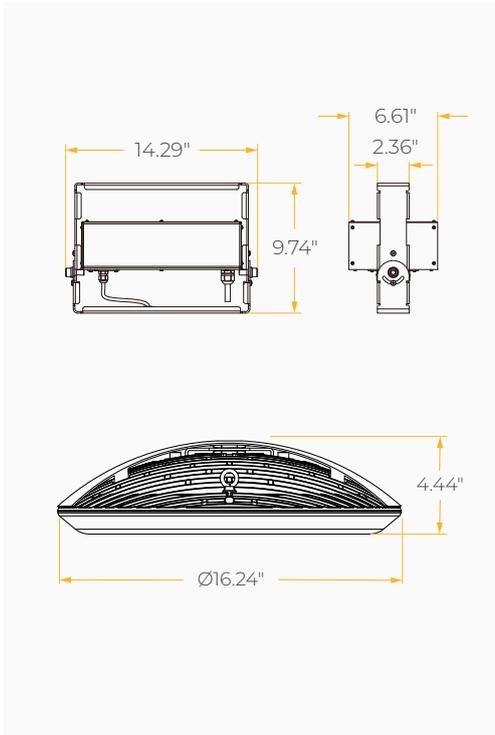
PUSH

DMX IN · DMX OUT
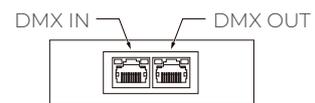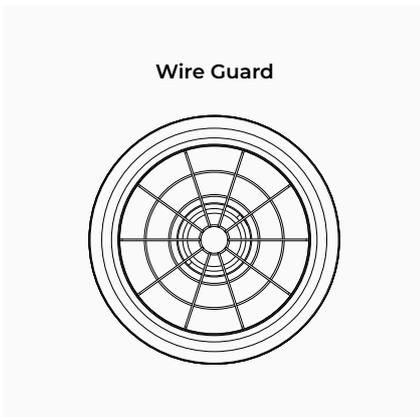
XLR Sockets

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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METEOR

DIMENSIONS

14.29"
6.61"
2.36"
9.74"
4.44"
Ø16.24"

Remote Emergency Pack

Emergency
Battery

Junction Box
(Not Included)

1.16"
15.34"
1.37" 2.25"
15"

ACCESSORY

Wire Guard

Snoot

3.5"

Glare Shield Visor

7.5"
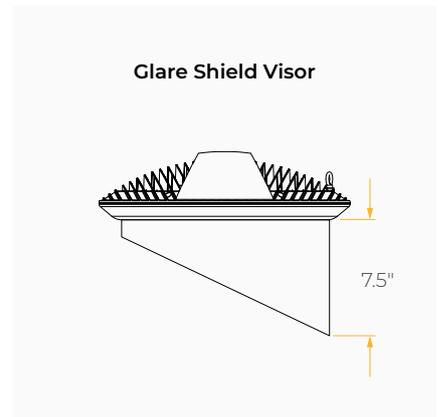
MOUNTING OPTIONS

Stem Mount

Adjustable stabilizer cable 11ft

Standard length is 2 or 4ft
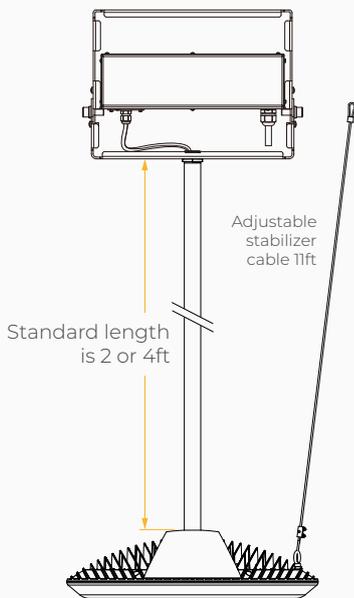
Adjustable Aircraft Cable

Standard length is 10ft

Uplight Mount

Standard length is 2 or 4ft
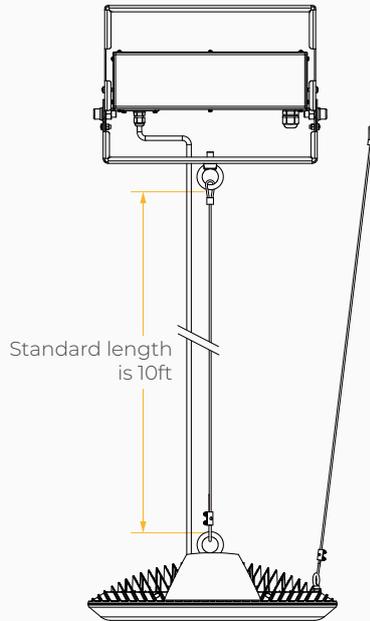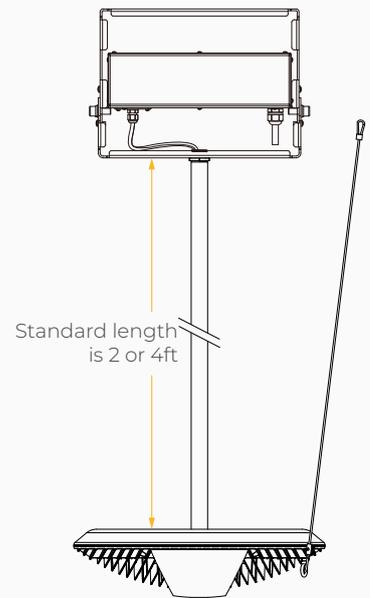
Adjustable Uplight (45° Tilt on each side)

Standard length is 2 or 4ft

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LED DISTRIBUTION

3000K LED

5000K LED

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

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