

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

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

CRI 75, CRI 85

Rated Life

> 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



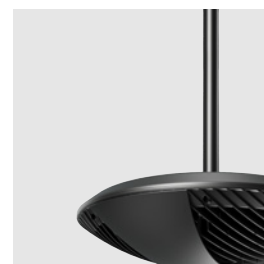
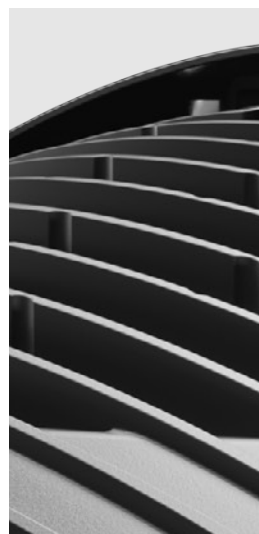
METEOR

SPECIFICATION SHEET
TUNABLE WHITE

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.



meteor-lighting.com

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)	DMXR(RJ45) 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 Adjustable Uplight 4ft	ST4 Stem 4ft UP4 Uplight Stem 4ft	AD10 Adjustable Cable 10ft AUP2 Adjustable Uplight 2ft
	ACCESSORIES	NO No Accessories WG ⁴ Wire Guard	EMP ² Remote Emergency Pack SNT ⁵ Snoot	DF ³ Diffuser GSV ⁶ Glare Shield Visor

¹ Please factor in change in lumen output with WD -20%² EMP option is not compatible with 300W version or HVT voltage³ 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%

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 BSL20B2UEK55CIII
- 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 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
- 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

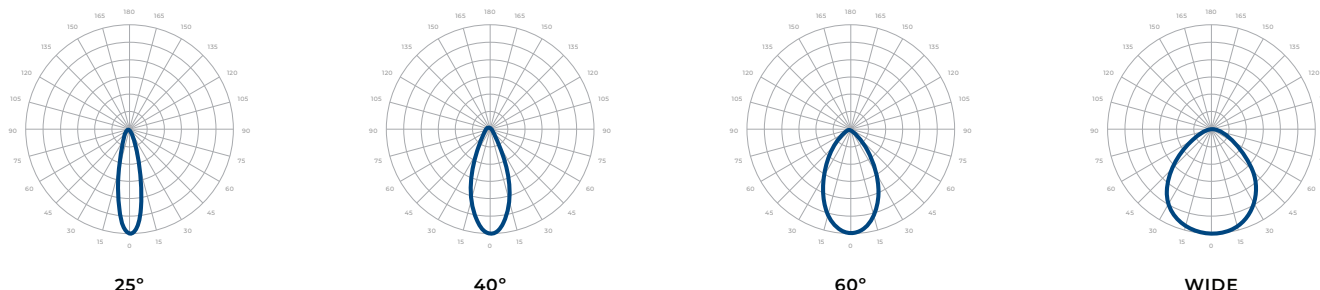
*Tolerance±8%

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

PHOTOMETRICS

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



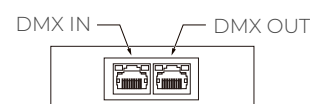
DMX REQUIREMENTS

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

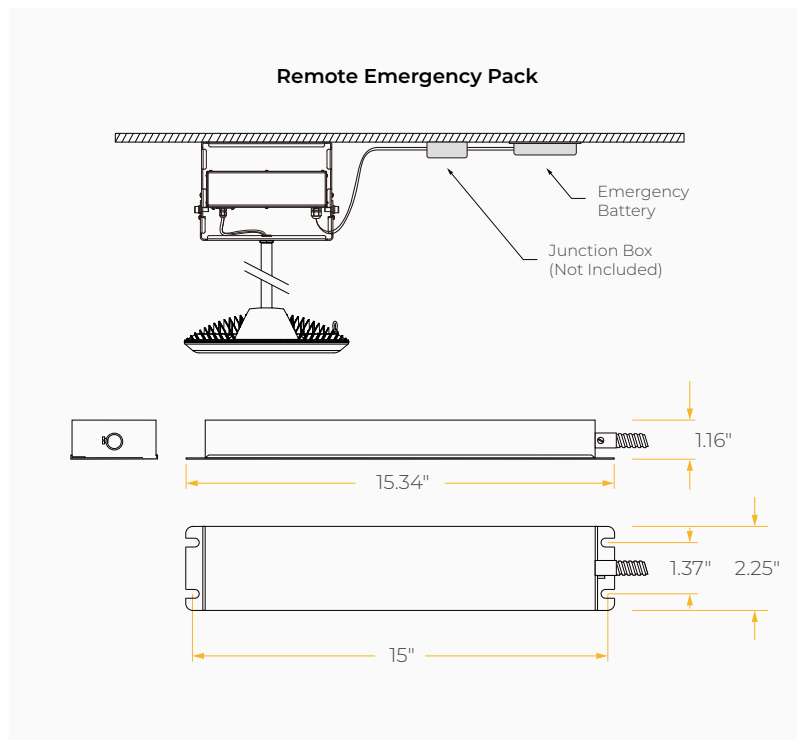
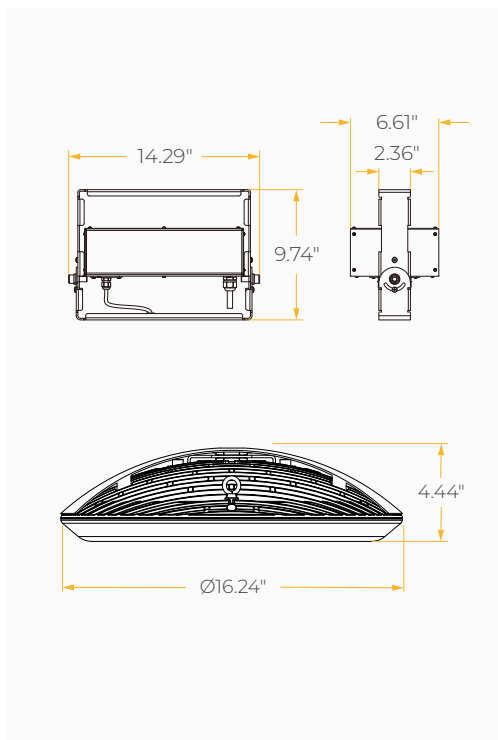
DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable **must not be used to carry DMX**. Network cable (Cat5, 5e or 6 cable) may be used to carry 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.

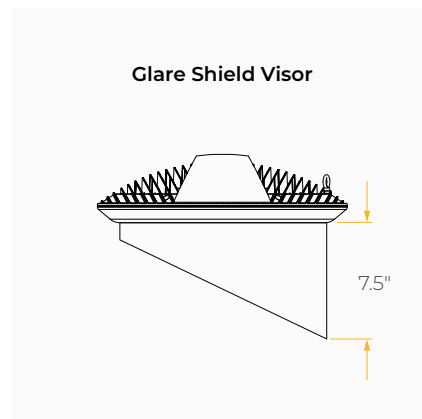
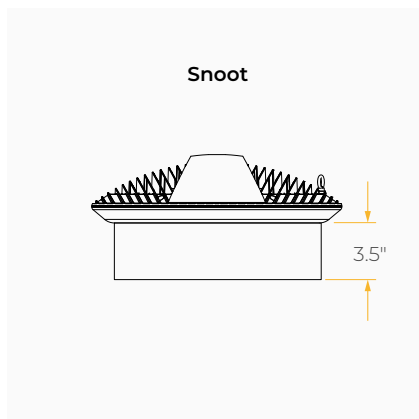
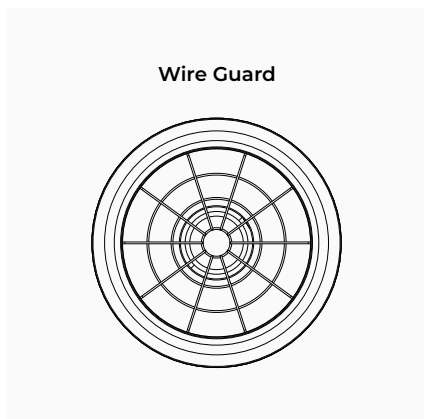
SPECIFICATION SHEET / TUNABLE WHITE
WHIZ 2.0 SLEEK AND ARCHITECTURAL
 HIGH CEILING SOLUTION

METEOR

DIMENSIONS

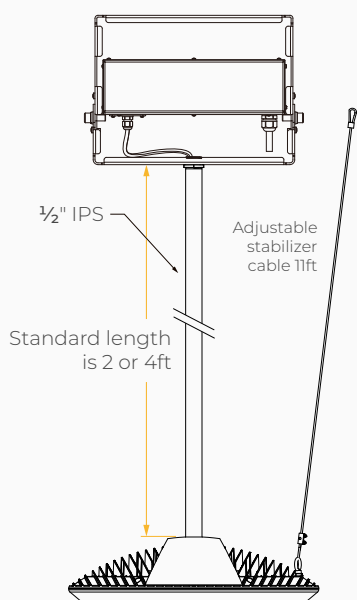


ACCESSORY

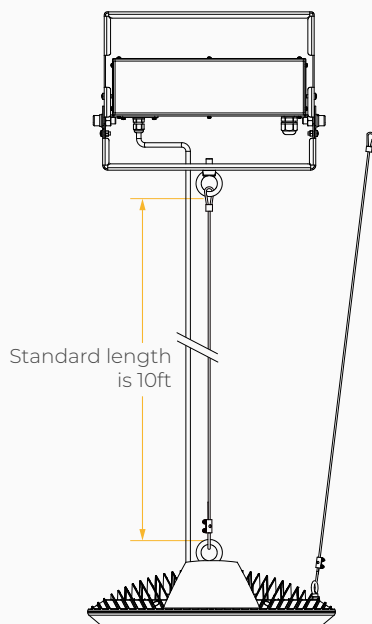


MOUNTING OPTIONS

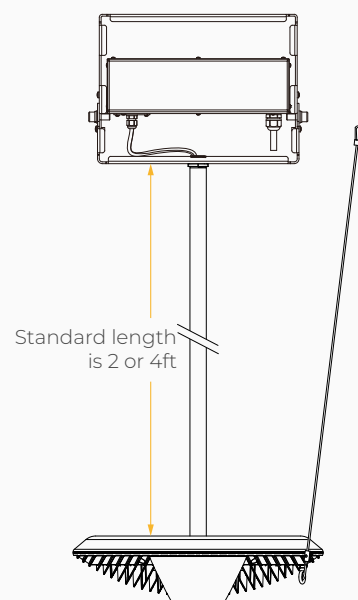
Stem Mount



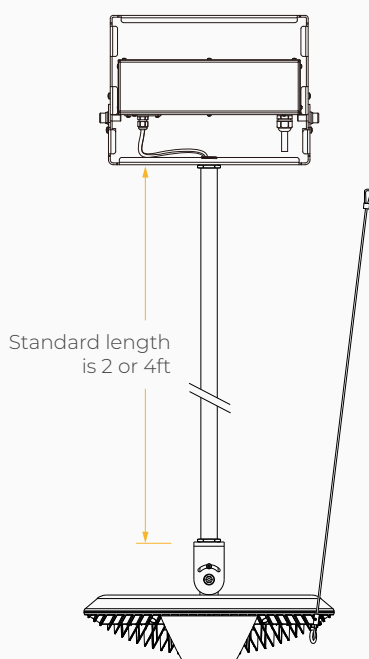
**Adjustable
Aircraft Cable**



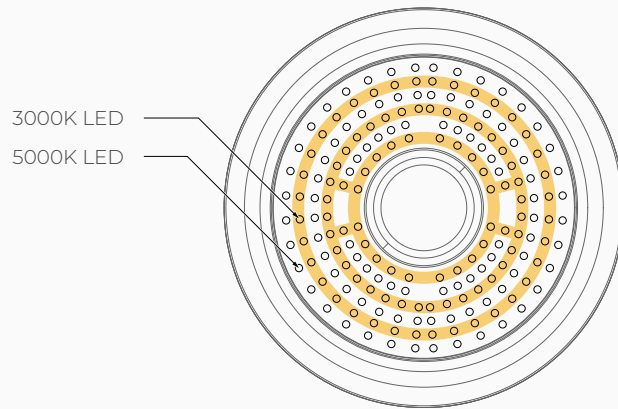
Uplight Mount



**Adjustable Uplight
(45° Tilt on each side)**



LED DISTRIBUTION



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