WHIZ 2.0

SLEEK AND ARCHITECTURAL
HIGH CEILING SOLUTION

Housing
Diameter : Ø18.9" | Height : 4.57" | Weight : 36 lbs

Material
Housing : High Pressure Die-Cast Aluminum
Lens : High Transmittance Clear Tempered Glass

Power Input
Downlight : 240W | 120-277V, 347-480V
Uplight : 60W | 120-277V, 347-480V

Lumen Output
Downlight : 23,630 lm (240W)
Uplight : 5,290 lm (60W)

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° DOWN WD UP | 40° DOWN WD UP | 60° DOWN WD UP | WD DOWN WD UP |

Warranty
5 Year limited warranty

Listing

ETL Intertek CE UKCA FC

Redefining High Ceiling Design One More Time

A next leap from our flagship luminaire, the Whiz 2.0. Building on its architectural excellence and high-performance heritage, our latest variation adds an expressive indirect uplight, breathing new life into this award-winning series.

Configure both the uplight and downlight with dynamic color-changing options or white light combinations—all conveniently packaged into a single, integrated solution.

METEOR

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.

WS2B	MODEL	**WHIZ 2.0 BI-DIRECTIONAL**		
300	WATTAGE	**300** Downlight: 240W Uplight: 60W		
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	*Downlight* **25** 25° **WD[1]** Wide (With diffuser)	**40** 40°	**60** 60°
WD		*Uplight* **WD[1]** Wide (With diffuser)		
	FINISH	**BLK** Black	**WHT** White	
	MOUNTING	**ST2** Stem 2ft	**ST4** Stem 4ft	**AD10** Adjustable Cable 10ft
	ACCESSORIES	**EMP[2,3]** Remote Emergency Pack	**DF[4]** Diffuser	**WG[5]** Wire Guard (IK10 Rating)

↻ **CLEAR FORM**

[1] *WD option reduces delivered lumens by ~20%*
[2] *EMP is not compatible with HVT*
[3] *Only the downlight activates during emergency power*
[4] *DF option reduces delivered lumens by ~12%*
[5] *WG option reduces delivered lumens by ~14%*

meteor-lighting.com   1860 S Carlos Ave, Ontario, California 91761 **E:** tech@meteor-lighting.com **T:** 213-255-2060

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WHIZ 2.0
SLEEK AND ARCHITECTURAL
HIGH CEILING SOLUTION

METEOR

TECHNICAL DETAILS

Electrical
- Downlight : 23,630 lm (240W)
- Uplight : 5,290 lm (60W)
- 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

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

Advanced Dimming
- Proprietary VX Driver™ is incorporated to all dimming options for video flicker-free lighting
- Superior 0-10V : Dims to 1%
- DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)

Housing
- Diameter : Ø18.9"
- Height : 4.57"
- Weight : 36 lbs
- Material : High Pressure Die-Cast Aluminum, Tempered Glass

Mounting
- Stem Mount 2ft or 4ft
- Adjustable Cable 10ft

Warranty
- 5-year limited warranty

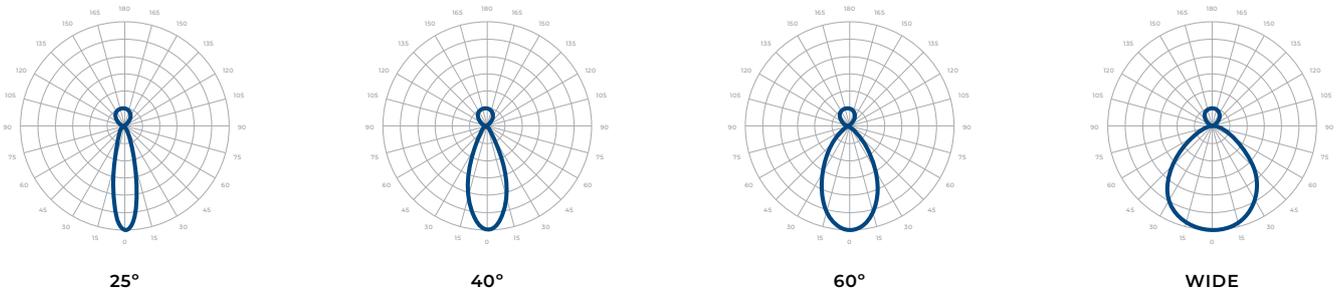### Listing
- ETL
- CE
- UKCA
- FCC

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
60W Uplight	4,335lm	4,820lm	5,320lm	5.315lm	5,290lm
240W Downlight	19,280lm	21,460lm	23,640lm	23,635lm	23,630lm
CRI	85	83	82	80	75

Tolerance±8%

Current Consumption				
WATTAGE / VOLT	120V	277V	347V	480V
240W+60W	2.76A	1.20A	0.96A	0.69 A

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PHOTOMETRICS

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

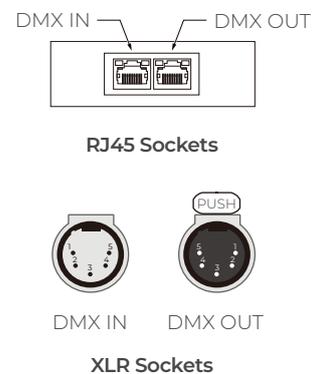| 25°	40°	60°	WIDE

DMX REQUIREMENTS

The Whiz 2.0 Bi-Directional Tunable White fixture with DMX unit has **two channels** per fixture (1 to control intensity, 1 to control color). The downlight and uplight are controlled **together**. 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 DMXS, DMXRS daisy chain.

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

DMX REQUIREMENTS

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

DMX IN ⎯ ⎯ DMX OUT

RJ45 Sockets
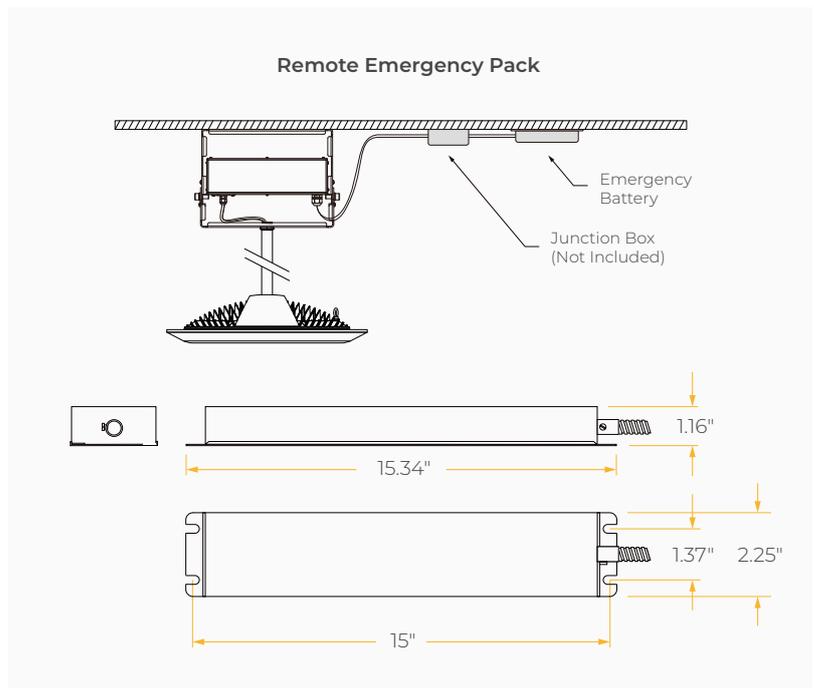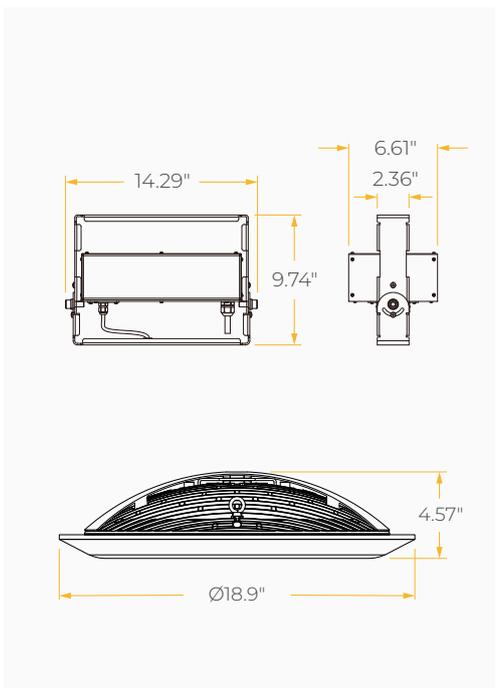
PUSH

DMX IN   DMX OUT

XLR Sockets

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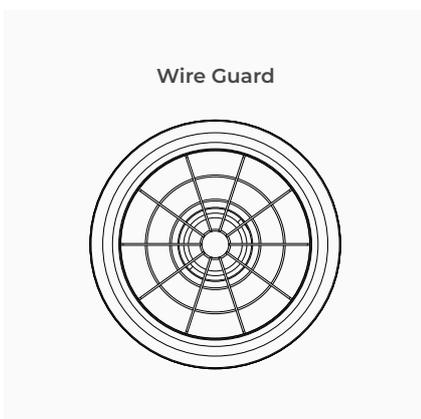## COMPATIBLE DMX CABLING LIST

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.
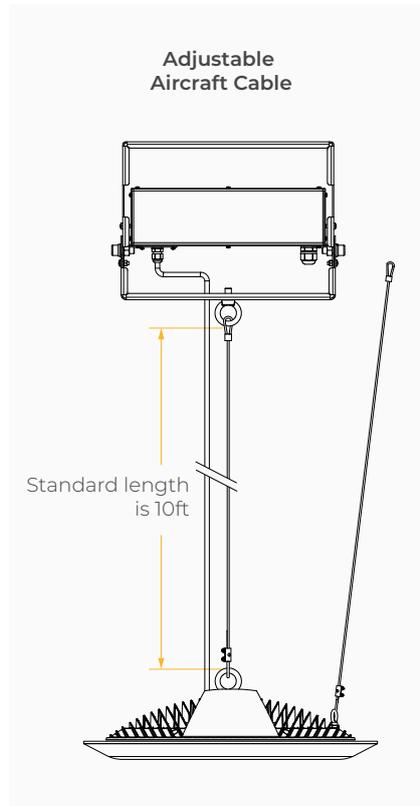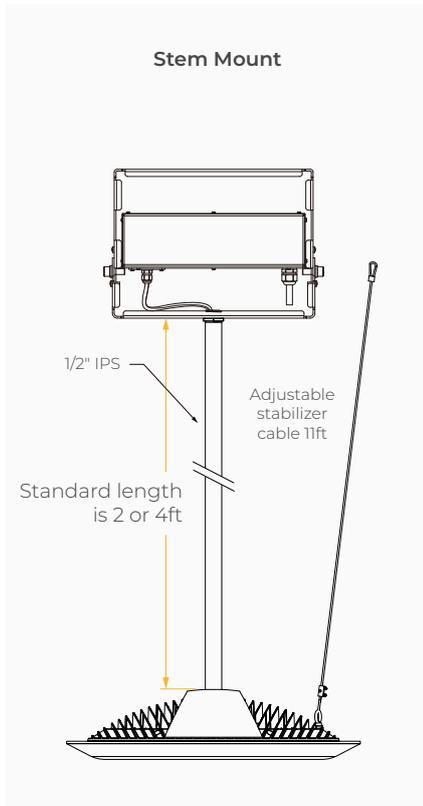
DIMENSIONS

14.29"   6.61"   2.36"   9.74"   4.57"   Ø18.9"

Remote Emergency Pack

Emergency Battery

Junction Box (Not Included)

15.34"   1.16"   1.37"   2.25"   15"

ACCESSORY

Wire Guard

MOUNTING OPTIONS

Stem Mount

1/2" IPS

Adjustable
stabilizer
cable 11ft

Standard length
is 2 or 4ft

Adjustable
Aircraft Cable

Standard length
is 10ft

LED DISTRIBUTION

3000K LED

5000K LED