

# WHIZ 2.0

SLEEK AND ARCHITECTURAL  
HIGH CEILING SOLUTION

SPECIFICATION SHEET  
BI-DIRECTIONAL  
TUNABLE WHITE

## 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

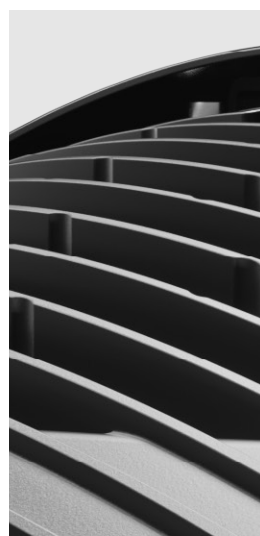
## Listing



## 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

[meteor-lighting.com](https://meteor-lighting.com)

## SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

<b>WS2B</b>	MODEL	<b>WHIZ 2.0 BI-DIRECTIONAL</b>		
<b>300</b>	WATTAGE	<b>300</b> Downlight: 240W Uplight: 60W		
<b>TNW</b>	CCT / CRI	<b>TNW</b> 3000K-5000K		
	VOLTAGE	<b>UNV</b> 120-277V	<b>HVT</b> 347-480V	
	DIMMING	<b>SPV</b> Superior 0-10V dims to 1%	<b>DMX</b> DMX dims to 0.1% (XLR Sockets)	<b>DMXR</b> DMX dims to 0.1% (RJ45 Sockets)
	BEAM ANGLE	<b>Downlight</b> <b>25</b> 25° <b>WD<sup>1</sup></b> Wide (With diffuser)		
<b>WD</b>		<b>Uplight</b> <b>WD<sup>1</sup></b> Wide (With diffuser)		
	FINISH	<b>BLK</b> Black	<b>WHT</b> White	
	MOUNTING	<b>ST2</b> Stem 2ft	<b>ST4</b> Stem 4ft	<b>AD10</b> Adjustable Cable 10ft
	ACCESSORIES	<b>NO</b> No Accessories <b>WG<sup>4</sup></b> Wire Guard	<b>EMP<sup>2</sup></b> Remote Emergency Pack	<b>DF<sup>3</sup></b> Diffuser

<sup>1</sup> Please factor in change in lumen output of -20% with WD.<sup>2</sup> EMP option is not compatible with HVT voltage.<sup>3</sup> Please factor in change in lumen output of -12% with diffuser.<sup>4</sup> Please factor in change in lumen output of -14%.

## 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 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

## 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
- IP64

## PERFORMANCE SUMMARY\*

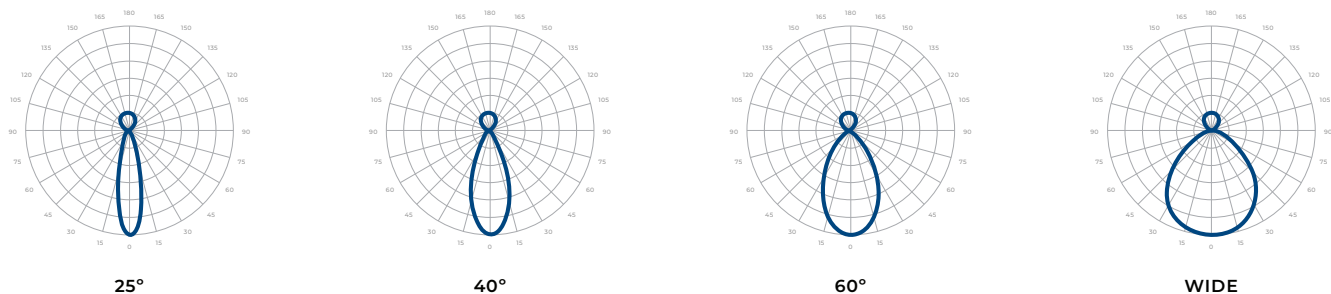
ColorFlip™	3000K	3500K	4000K	4500K	5000K
<b>DMX</b> CCT Signal (%)	0%	25%	45%	60%	100%
<b>0-10V</b> CCT Voltage	0	2.5	4.5	6	10
<b>60W</b> Uplight	4,335lm	4,820lm	5,320lm	5,315lm	5,290lm
<b>240W</b> Downlight	19,280lm	21,460lm	23,640lm	23,635lm	23,630lm
<b>CRI</b>	85	83	82	80	75

\*Tolerance±8%

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

## PHOTOMETRICS

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



## 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.

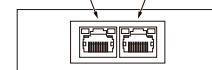
DMX Address		
Fixture	Intensity Control (ex. X)	Color Control (ex. X+1)
#1	1	2
#2	3	4
#3	5	6

## 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



DMX IN DMX OUT

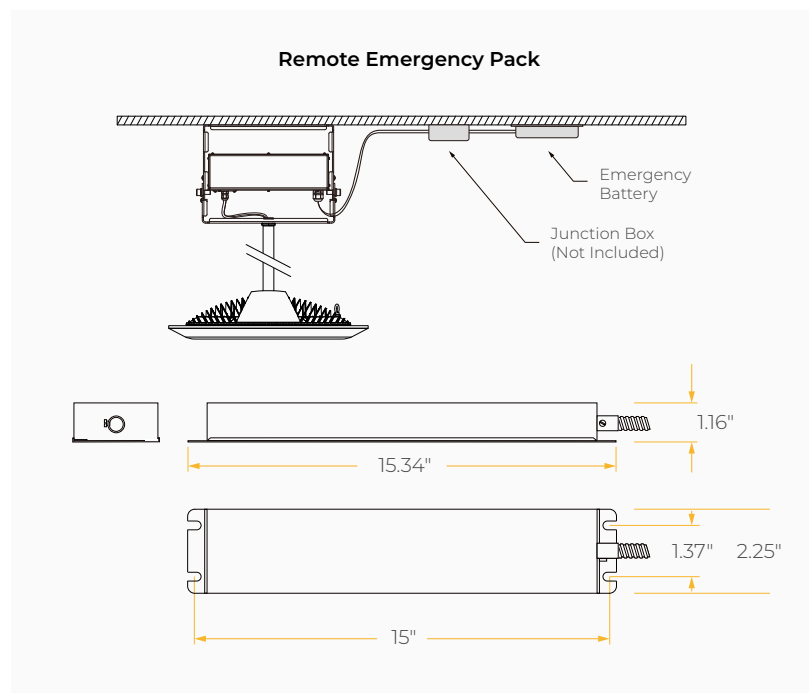
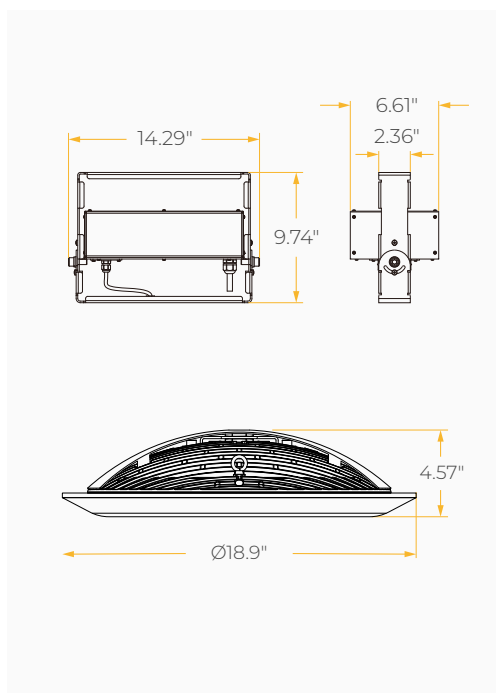
XLR Sockets

## COMPATIBLE DMX CABLING LIST

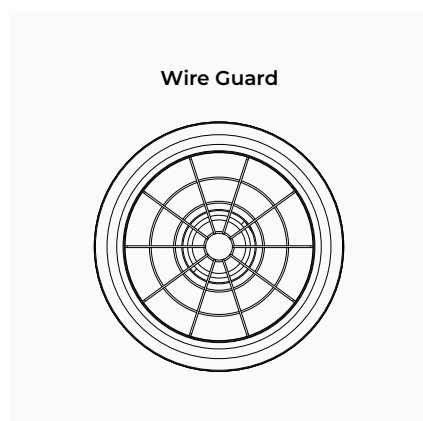
DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable **must not be used to carry DMX**. Network cable (Cat5, 5e or 6 cable) may be used to carry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

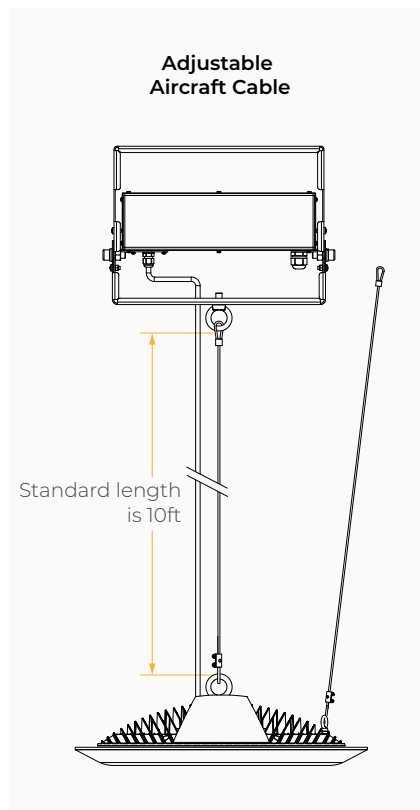
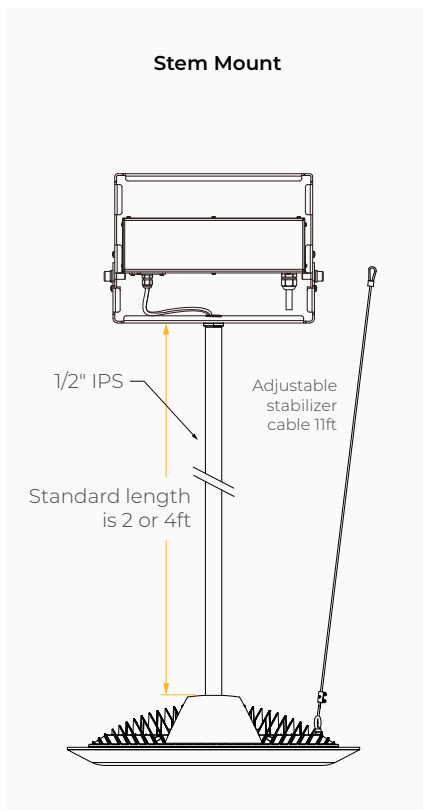
## DIMENSIONS



## ACCESSORY



## MOUNTING OPTIONS



## LED DISTRIBUTION

