

# 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 : 120W, 170W, 240W | 120-277V  
Uplight : 45W | 120-277V

## Lumen Output

Downlight : 17,100 lm (120W), 24,200 lm (170W), 34,300 lm (240W)  
Uplight : 1,865 lm (45W)

## Dimming

DMX : High resolution dims to 0.1%

## Color Quality

CRI 75, CRI 85

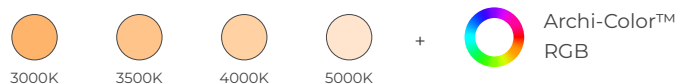
## Rated Life

> 100,000 Hours (L70)

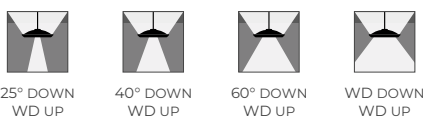
## Finish



## Color Temperature



## Optics



## Warranty

5 Year limited warranty

## Listing



SPECIFICATION SHEET  
BI-DIRECTIONAL  
RGB UPLIGHT & WHITE DOWNLIGHT

## 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](http://meteor-lighting.com)

SPECIFICATION SHEET - RGB UPLIGHT & WHITE DOWNLIGHT

**WHIZ 2.0** SLEEK AND ARCHITECTURAL HIGH CEILING SOLUTION



**SPECIFICATION**

<b>PROJECT NAME</b>	<b>DATE</b>
<input type="text"/>	<input type="text"/>
<b>CATALOG #</b>	<b>QUANTITY</b>
<input type="text"/>	<input type="text"/>

<b>WS2B</b>	<b>MODEL</b>	<b>WHIZ 2.0 BI-DIRECTIONAL</b>		
<input type="text"/>	<b>WATTAGE</b>	<b>165</b> Downlight: 120W Uplight: 45W	<b>215</b> Downlight: 170W Uplight: 45W	<b>285</b> Downlight: 240W Uplight: 45W
<input type="text"/>	<b>CCT / CRI</b>	<i>Downlight</i> <b>308</b> 3000K / CRI 85 <b>507</b> 5000K / CRI 75	<b>358</b> 3500K / CRI 85	<b>408</b> 4000K / CRI 85
<b>RGB</b>		<i>Uplight</i> <b>RGB</b> RGB		
<b>UNV</b>	<b>VOLTAGE</b>	<b>UNV</b> 120-277V		
<input type="text"/>	<b>DIMMING</b>	<b>DMX</b> DMX dims to 0.1% (XLR Sockets)	<b>DMXR</b> DMX dims to 0.1% (RJ45 Sockets)	
<input type="text"/>	<b>BEAM ANGLE</b>	<i>Downlight</i> <b>25</b> 25° <b>WD<sup>1</sup></b> Wide (With diffuser)	<b>40</b> 40°	<b>60</b> 60°
<b>WD</b>		<i>Uplight</i> <b>WD<sup>1</sup></b> Wide (With diffuser)		
<input type="text"/>	<b>FINISH</b>	<b>BLK</b> Black	<b>WHT</b> White	
<input type="text"/>	<b>MOUNTING</b>	<b>ST2</b> Stem 2ft	<b>ST4</b> Stem 4ft	<b>AD10</b> Adjustable Cable 10ft
<input type="text"/>	<b>ACCESSORIES</b>	<b>NO</b> No Accessories <b>WG<sup>3</sup></b> Wire Guard	<b>EMP</b> Remote Emergency Pack	<b>DF<sup>2</sup></b> Diffuser

<sup>1</sup> Please factor in change in lumen output of -20% with WD.  
<sup>2</sup> Please factor in change in lumen output of -12% with diffuser.  
<sup>3</sup> Please factor in change in lumen output of -14%.

**TECHNICAL DETAILS**

**Electrical**

- Downlight: 17,100 lm (120W), 24,200 lm (170W), 34,300 lm (240W)
- Uplight: 1,865 lm (45W)
- 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 BSL20B2UEK55C1II
- Power Factor Greater than 0.9

**LED Features**

- Color Temperature : 3000K, 3500K, 4000K, 5000K and RGB
- 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
- 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 Damp Location Listed
- CE
- UKCA
- FCC
- IP64

**PERFORMANCE SUMMARY\***

Downlight Delivered Lumens				
CCT/WATTAGE	3000K	3500K	4000K	5000K
<b>120W</b>	15,000lm	15,200lm	15,900lm	17,100lm
<b>170W</b>	21,250lm	21,550lm	22,600lm	24,200lm
<b>240W</b>	30,000lm	30,400lm	31,920lm	34,300lm

\*Beam Angle: 40° \*Tolerance ±8%

Uplight Delivered Lumens			
CCT/WATTAGE	R	G	B
<b>45W</b>	15W	15W	15W
	185lm	1,500lm	180lm

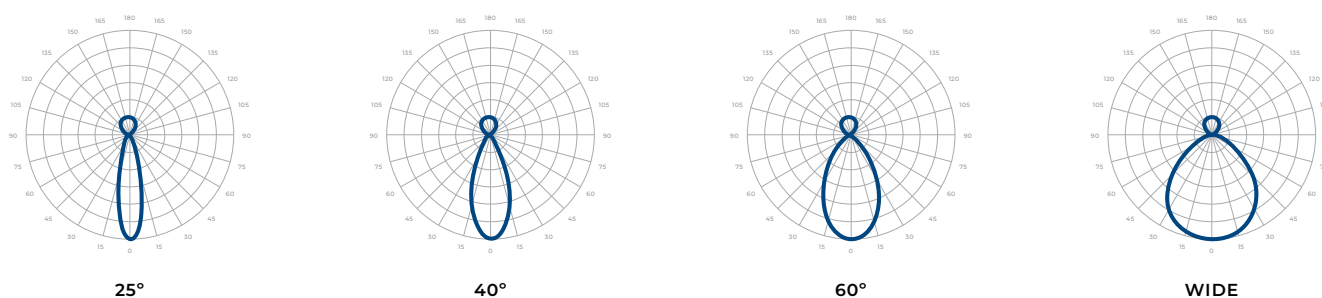
**PERFORMANCE SUMMARY\***

Current Consumption				
WATTAGE/VOLT	120V	277V	347V	480V
120W + 60W DOWN UP	1.66A	0.72A	0.58A	0.43A
170W + 60W DOWN UP	2.12A	0.92A	0.74A	0.53A
240W + 60W DOWN UP	2.76A	1.20A	0.98A	0.70A

Emergency Pack Lumen Output Table				
CCT	3000K	3500K	4000K	5000K
LUMEN	1,900lm	1,920lm	1,980lm	2,360lm

**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**

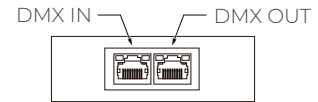
The Whiz 2.0 Bi-Directional RGB Uplight & White Downlight fixture with DMX is a **four channel dmx** unit. The downlight and uplight are controlled **separately**. When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

Fixture	DMX Address			
	Red Control (ex. X) Uplight	Green Control (ex. X+1) Uplight	Blue Control (ex. X+2) Uplight	White Control (ex. X+3) Downlight
#1	1	2	3	4
#2	5	6	7	8
#3	9	10	11	12

### 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



RJ45 Sockets



DMX IN DMX OUT

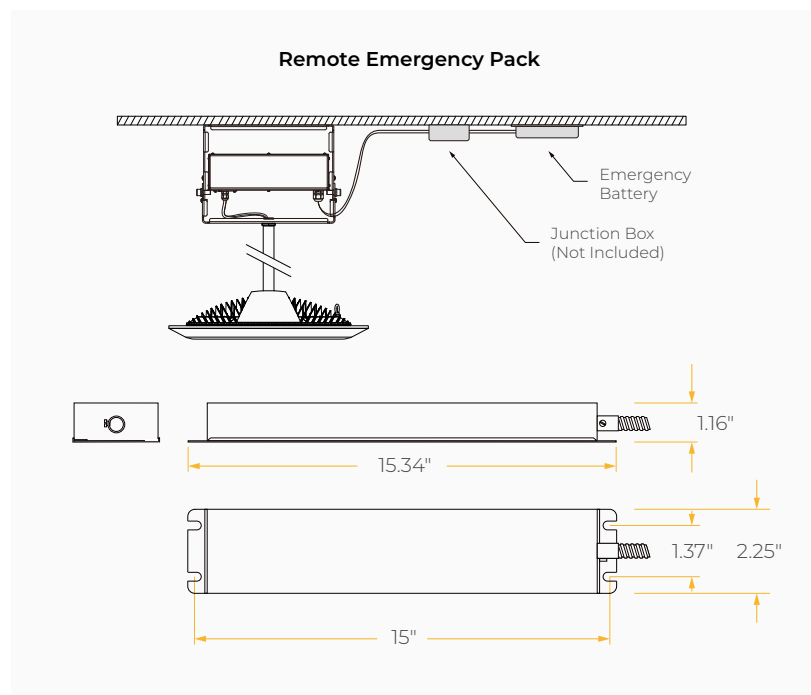
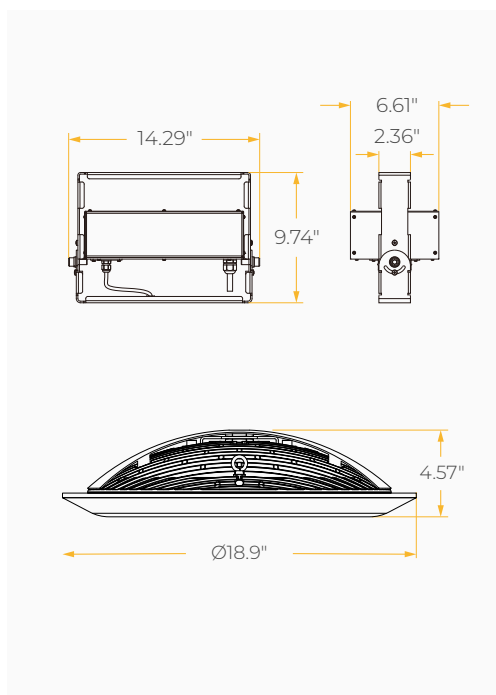
XLR Sockets

### 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.

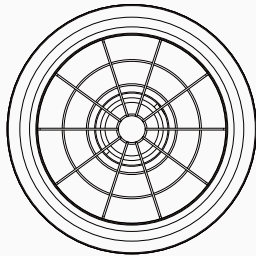
### DIMENSIONS



**ACCESSORY**

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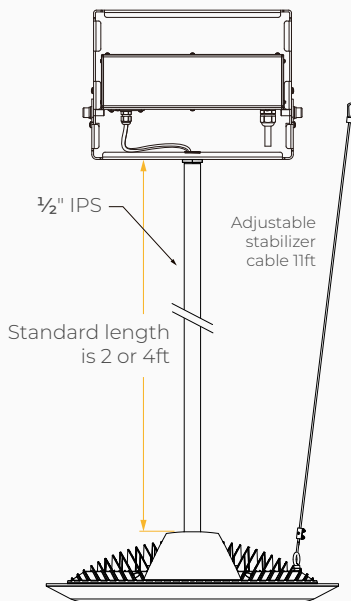
Wire Guard



**MOUNTING OPTIONS**

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Stem Mount



Adjustable Aircraft Cable

