

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 : W=150W, RGB=90W | 240W | 120-277V
Uplight : W=30W, RGB=30W | 60W | 120-277V

Lumen Output

20,515 lm (300W)

Dimming

DMX : High resolution dims to 0.1%

Color Quality

CRI 85

Rated Life

> 100,000 Hours (L70)

Finish



Black



White

Color Temperature



3000K



Archi-Color™ W+RGB

Optics



25° DOWN
WD UP



40° DOWN
WD UP



60° DOWN
WD UP



WD DOWN
WD UP

Warranty

5 Year limited warranty

Listing



SPECIFICATION SHEET
BI-DIRECTIONAL - ARCHI-COLOR™ W+RGB

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

SPECIFICATION

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

The product configurator function on this page works only with the latest version of Chrome or Adobe Acrobat Reader.

<input type="text" value="WS2B"/>	MODEL	WHIZ 2.0 BI-DIRECTIONAL			
<input type="text" value="300"/>	WATTAGE	300 Downlight: 240W Uplight: 60W			
<input type="text" value="308C"/>	CCT / CRI	308C 3000K / CRI 85 Archi-Color™ W+RGB			
<input type="text" value="UNV"/>	VOLTAGE	UNV 120-277V			
<input type="text"/>	DIMMING	DMXS DMX dims to 0.1% Single (Up/Down Together) (XLR Sockets)	DMXD¹ DMX dims to 0.1% Dual (Up/Down Separate) (XLR Sockets)	DMXRS DMX dims to 0.1% Single (Up/Down Together) (RJ45 Sockets)	DMXRD¹ DMX dims to 0.1% Dual (Up/Down Separate) (RJ45 Sockets)
<input type="text"/>	BEAM ANGLE	Downlight 25 25° WD² Wide (With diffuser)	40 40°	60 60°	
<input type="text" value="WD"/>		Uplight WD¹ Wide (With diffuser)			
<input type="text"/>	FINISH	BLK Black	WHT White		
<input type="text"/>	MOUNTING	ST2 Stem 2ft	ST4 Stem 4ft	AD10 Adjustable Cable 10ft	
<input type="text"/>	ACCESSORIES	EMP³ Remote Emergency Pack	DF⁴ Diffuser	WG⁵ Wire Guard (IK10 Rating)	

CLEAR FORM

¹ Allows for separate DMX control of uplight and downlight, utilizing a total of 8 channels—4 for each
² WD option reduces delivered lumens by ~20%
³ Only the downlight activates during emergency power
⁴ DF option reduces delivered lumens by ~12%
⁵ WG option reduces delivered lumens by ~14%

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TECHNICAL DETAILS

Electrical

- 20,515 lm (300W)
- Power Input : 120-277V
- Operating Temperature : -40°F~112°F
- Surge Protection : Built-in is 4KV
- Emergency Pack with Mounting Plate : Philips Bodine BSL20B2UEK55C111
- Power Factor Greater than 0.9

LED Features

- Color Temperature : 3000K + Archi-Color™ W+RGB
- 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
- FCC
- UKCA

PERFORMANCE SUMMARY*

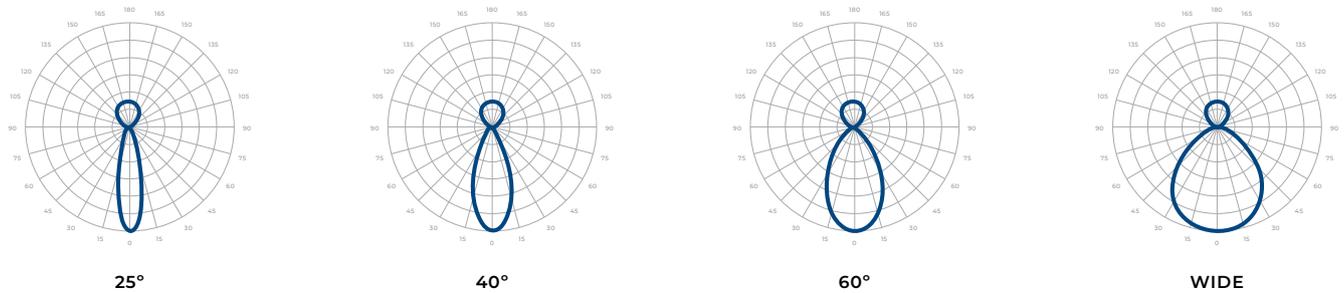
Delivered Lumens				
CCT/WATTAGE	R	G	B	W
240W DOWN	30W	30W	30W	150W
	380lm	3,000lm	365lm	13,765lm
60W UP	10W	10W	10W	30W
	125lm	1,000lm	120lm	2,750lm

Current Consumption		
WATTAGE / VOLT	120V	277V
300W	2.88A	1.26A

*Beam Angle: 60° *Tolerance ±8%

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 Archi-Color™ W+RGB fixture with **DMXS/DMXRS** is a **four channel dmx** unit. 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 DMX daisy chain.

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

The Whiz 2.0 Bi-Directional Archi-Color™ W+RGB fixture with **DMXD/DMXRD** is a **eight channel dmx** unit. The fixture appears as two entities in the DMX system, each with its own UID. 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	Green Control	Blue Control	White Control
#1 Downlight	1	2	3	4
#1 Uplight	5	6	7	8
#2 Downlight	9	10	11	12
#2 Uplight	13	14	15	16

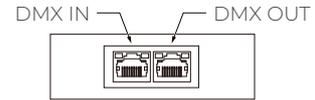
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DMX REQUIREMENTS

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

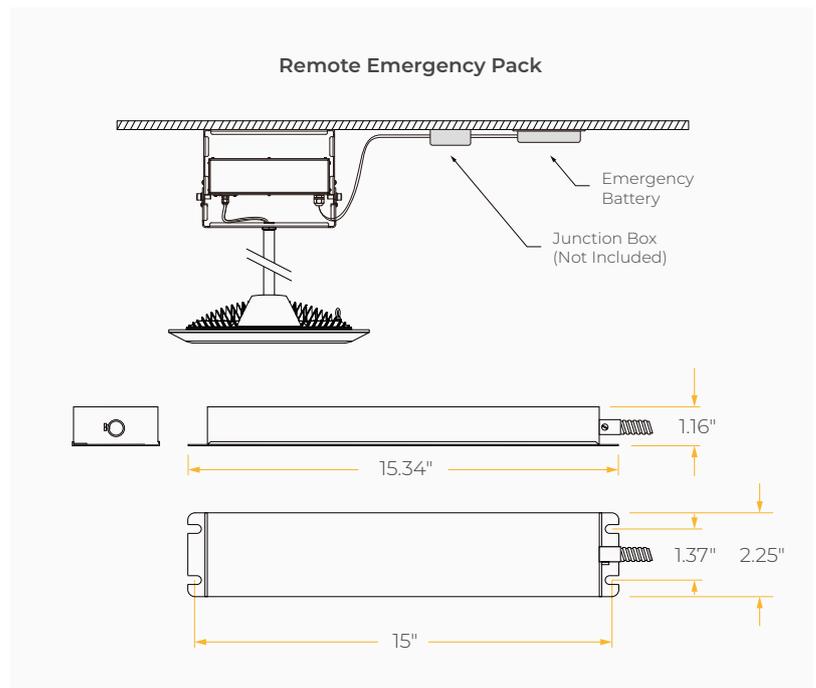
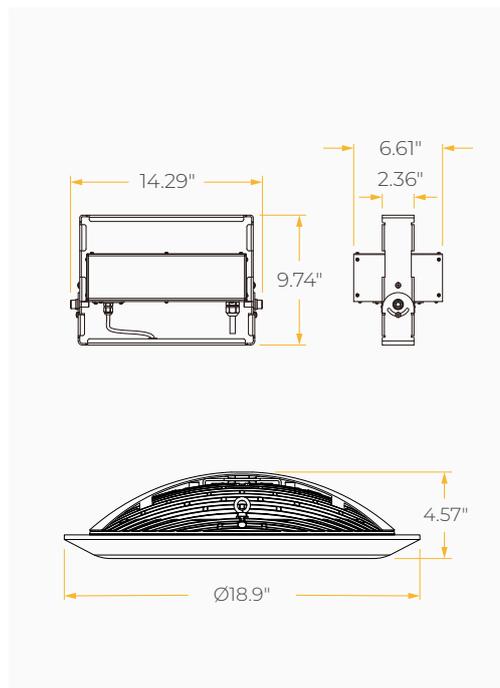
XLR Sockets

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.

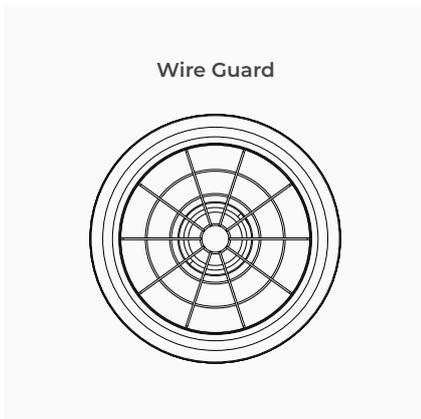
Meteor recommends the use of Belden 9729 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed.

DIMENSIONS



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ACCESSORY



MOUNTING OPTIONS

