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	Rated Life
CRI 85	> 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

ETL Intertek   CE   UKCA   FC   IP64

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

WHIZ 2.0
SLEEK AND ARCHITECTURAL
HIGH CEILING SOLUTION
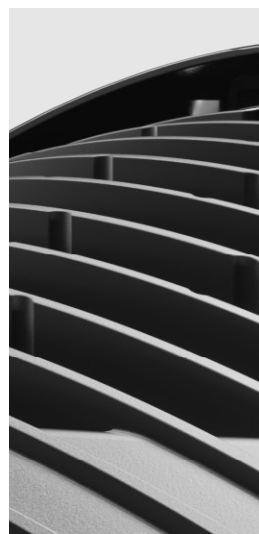
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SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

WS2B	**MODEL**	**WHIZ 2.0 BI-DIRECTIONAL**		
300	**WATTAGE**	**300** Downlight: 240W Uplight: 60W		
308C	**CCT / CRI**	**308C** 3000K / CRI 85 Archi-Color™ W+RGB		
UNV	**VOLTAGE**	**UNV** 120-277V		
	DIMMING	**DMX** DMX dims to 0.1% (XLR Sockets)	**DMXR** DMX dims to 0.1% (RJ45 Sockets)	
	BEAM ANGLE	*Downlight* **25** 25° **WD¹** Wide (With diffuser)	**40** 40°	**60** 60°
WD		*Uplight* **WD¹** Wide (With diffuser)		
	FINISH	**BLK** Black	**WHT** White	
	MOUNTING	**ST2** Stem 2ft	**ST4** Stem 4ft	**AD10** Adjustable Cable 10ft
	ACCESSORIES	**NO** No Accessories **WG³** Wire Guard	**EMP** Remote Emergency Pack	**DF²** Diffuser

¹ *Please factor in change in lumen output of -20% with WD.*

² *Please factor in change in lumen output of -12% with diffuser.*

³ *Please factor in change in lumen output of -14%.*

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WHIZ 2.0
SLEEK AND ARCHITECTURAL
HIGH CEILING SOLUTION

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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 BSL20B2UEK55C1I1
- 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
- IP64

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.

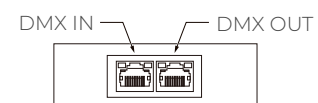| 25°	40°	60°	WIDE
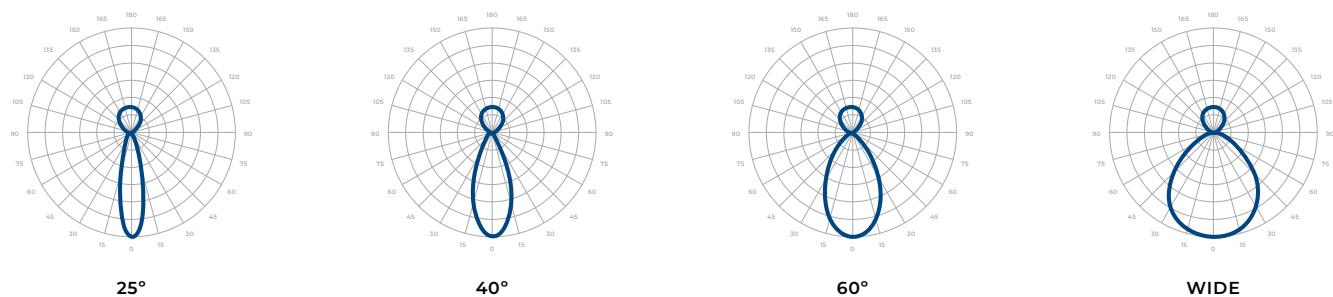
DMX REQUIREMENTS

The Whiz 2.0 Bi-Directional Archi-Color™ W+RGB fixture with DMX 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.

DMX Address				
Fixture	**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 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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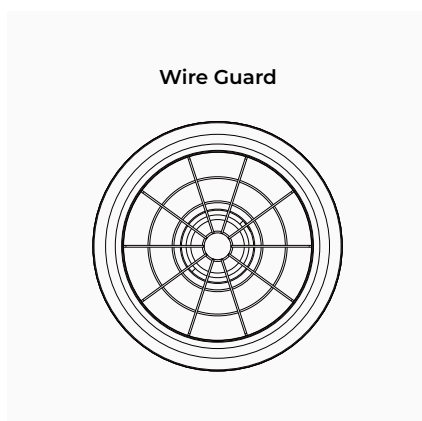
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COMPATIBLE DMX CABLING LIST

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)

1.16"
15.34"
1.37"   2.25"
15"

ACCESSORY

Wire Guard

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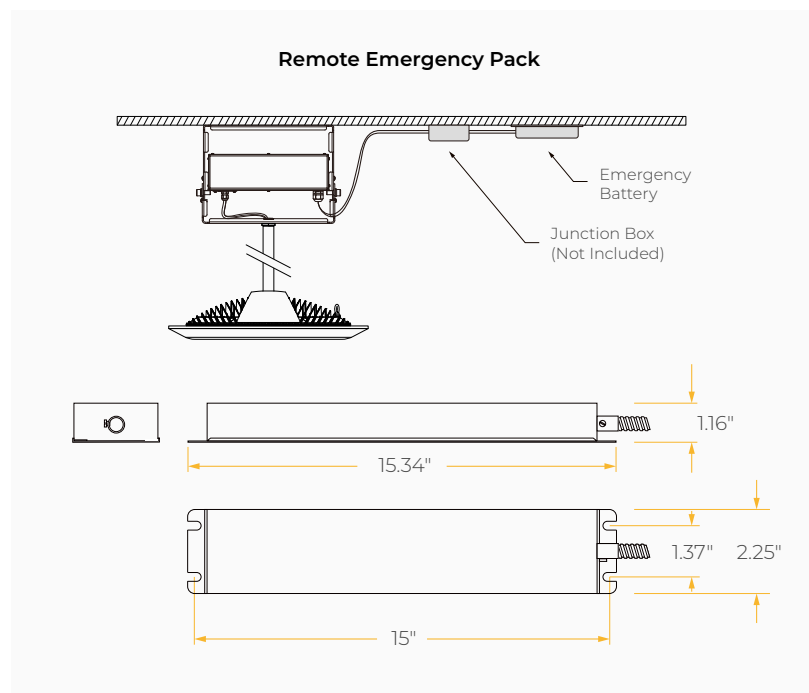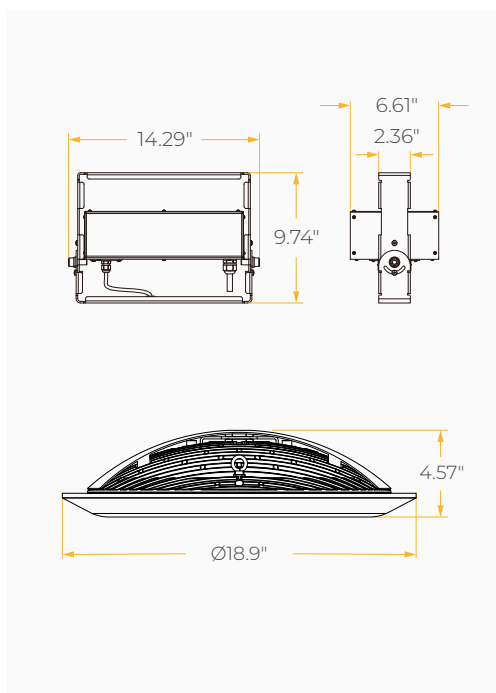
MOUNTING OPTIONS

Stem Mount
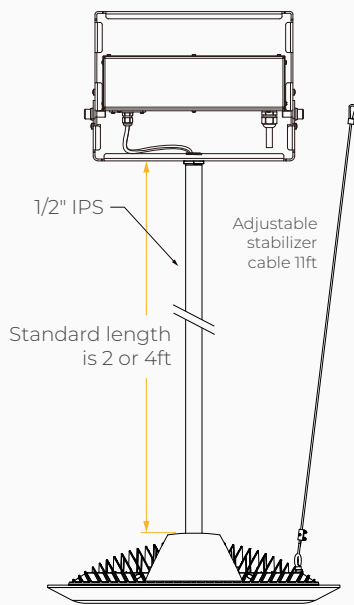
**Adjustable
Aircraft Cable**

1/2" IPS

Adjustable
stabilizer
cable 11ft

Standard length
is 2 or 4ft

Standard length
is 10ft

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