

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



Intertek

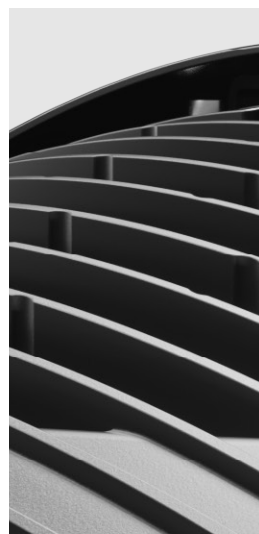


SPECIFICATION SHEET BI-DIRECTIONAL - ARCHI-COLOR™ W+RGB

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

DATE

CATALOG #

QUANTITY

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) DMXRS DMX dims to 0.1% Single (Up/Down Together) (RJ45 Sockets) | DMXD¹ DMX dims to 0.1% Dual (Up/Down Separate) (XLR 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. For detailed address assignment instructions, refer to page 4.² Please factor in change in lumen output of -20% with WD.³ Only the downlight activates during emergency power⁴ Please factor in change in lumen output of -12% with diffuser.⁵ Please factor in change in lumen output of -14%.

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 BSL20B2UEK55CIII
- 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*

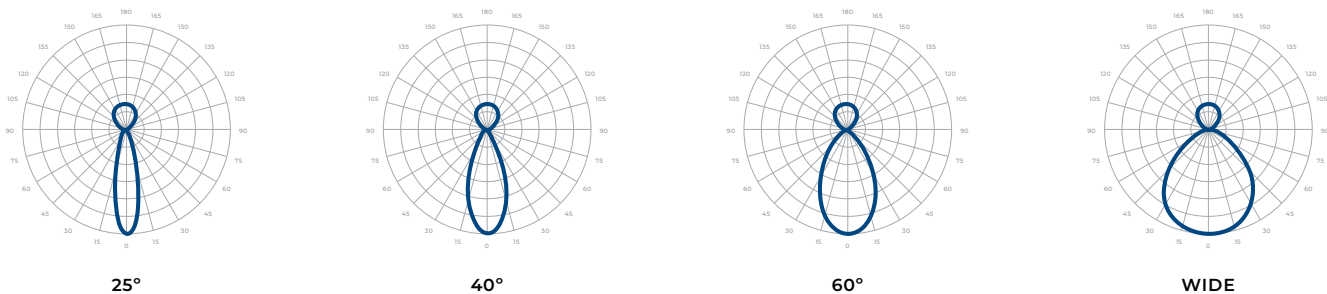
| Delivered Lumens | | | | |
|------------------|-------|---------|-------|----------|
| CCT/WATTAGE | R | G | B | W |
| 240W DOWN | 30W | 30W | 30W | 150W |
| | 380lm | 3,000lm | 365lm | 13,765lm |
| 60W UP | 10W | 10W | 10W | 30W |
| | 125lm | 1,000lm | 120lm | 2,750lm |

| 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.

| 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 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.

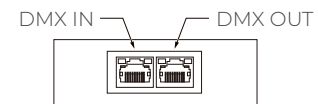
| DMX Address | | | | |
|--------------|-------------|---------------|--------------|---------------|
| Fixture | Red Control | Green Control | Blue Control | White Control |
| #1 Downlight | 1 | 2 | 3 | 4 |
| #1 Uplight | 5 | 6 | 7 | 8 |
| #2 Downlight | 9 | 10 | 11 | 12 |
| #2 Uplight | 13 | 14 | 15 | 16 |

⋮

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

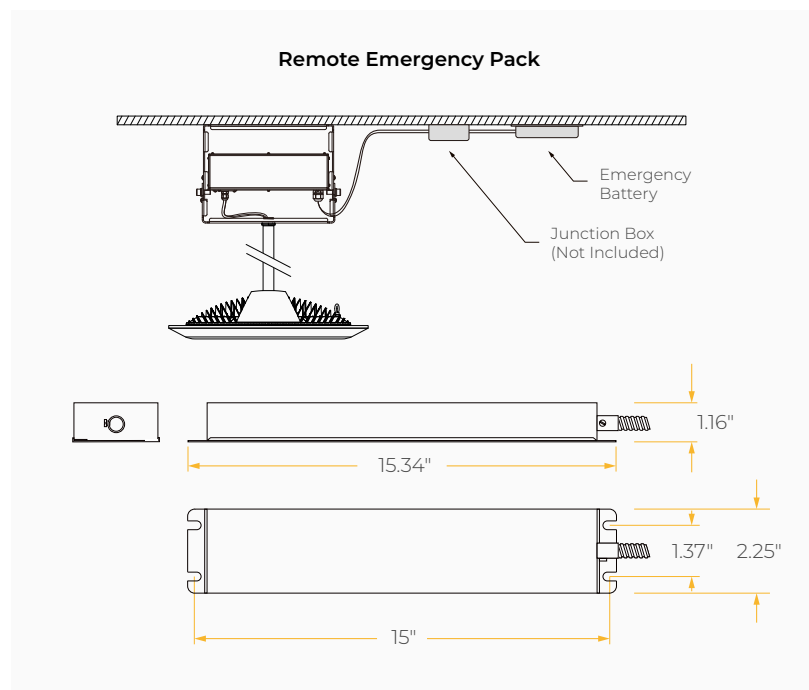
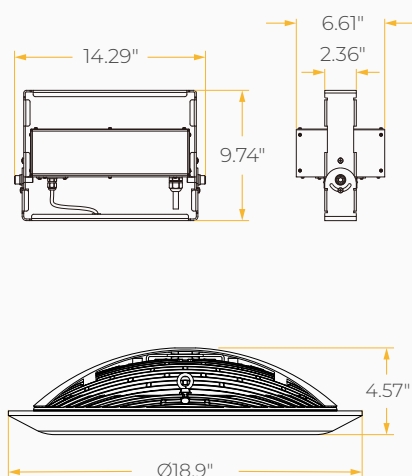
XLR Sockets

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.

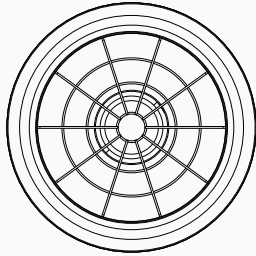
Meteor recommends the use of Belden 9729 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed.

DIMENSIONS



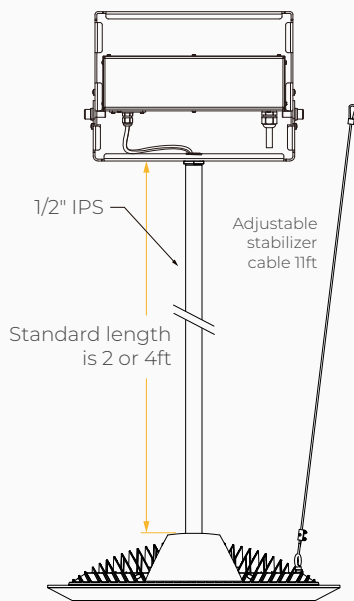
ACCESSORY

Wire Guard



MOUNTING OPTIONS

Stem Mount



Adjustable
Aircraft Cable

