# 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 : 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 | Rated Life |
|---|---|
| CRI 75, CRI 85 | > 60,000 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**

cETLus Intertek   CE   UKCA   FC
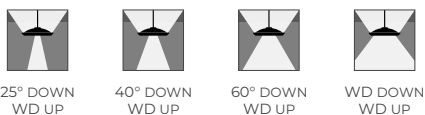
## Redefining High Ceiling Design One More Time

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**

**METEOR**

## SPECIFICATION

**PROJECT NAME**

**DATE**

**CATALOG #**

**QUANTITY**

| | | | | |
|---|---|---|---|---|
| **WS2B** | MODEL | **WHIZ 2.0 BI-DIRECTIONAL** | | |
| **300** | WATTAGE | **300** Downlight: 240W<br>Uplight: 60W | | |
| **TNW** | CCT / CRI | **TNW** 3000K-5000K | | |
| | VOLTAGE | **UNV** 120-277V | **HVT** 347-480V | |
| | DIMMING | **SPV** Superior 0-10V dims to 1% | **DMX** DMX dims to 0.1%<br>(XLR Sockets) | **DMXR** DMX dims to 0.1%<br>(RJ45 Sockets) |
| | BEAM ANGLE | *Downlight*<br>**25** 25°<br>**WD¹** Wide (With diffuser) | **40** 40° | **60** 60° |
| **WD** | | *Uplight*<br>**WD¹** Wide (With diffuser) | | |
| | FINISH | **BLK** Black | **WHT** White | |
| | MOUNTING | **ST2** Stem 2ft | **ST4** Stem 4ft | **AD10** Adjustable Cable 10ft |
| | ACCESSORIES | **NO** No Accessories<br>**WG⁴** Wire Guard | **EMP²** Remote Emergency Pack | **DF³** Diffuser |

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

[2] *EMP option is not compatible with HVT voltage.*

[3] *Please factor in change in lumen output of -12% with diffuser.*

[4] *Please factor in change in lumen output of -14%.*

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## 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 BSL20B2UEK55C1I1
- 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 @ 60,000 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

## PERFORMANCE SUMMARY*

| ColorFlip™ | 3000K | 3500K | 4000K | 4500K | 5000K |
|---|---|---|---|---|---|
| **DMX** CCT Signal (%) | 0% | 25% | 45% | 60% | 100% |
| **0-10V** CCT Voltage | 0 | 2.5 | 4.5 | 6 | 10 |
| **60W** Uplight | 4,335lm | 4,820lm | 5,320lm | 5.315lm | 5,290lm |
| **240W** Downlight | 19,280lm | 21,460lm | 23,640lm | 23,635lm | 23,630lm |
| **CRI** | 85 | 83 | 82 | 80 | 75 |

*Tolerance±8%

| Current Consumption | | | | |
|---|---|---|---|---|
| **WATTAGE / VOLT** | 120V | 277V | 347V | 480V |
| **240W+60W** | 2.76A | 1.20A | 0.96A | 0.69A |

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## PHOTOMETRICS

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

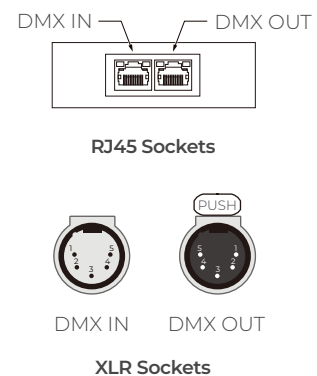| 25° | 40° | 60° | WIDE |
|-----|-----|-----|------|
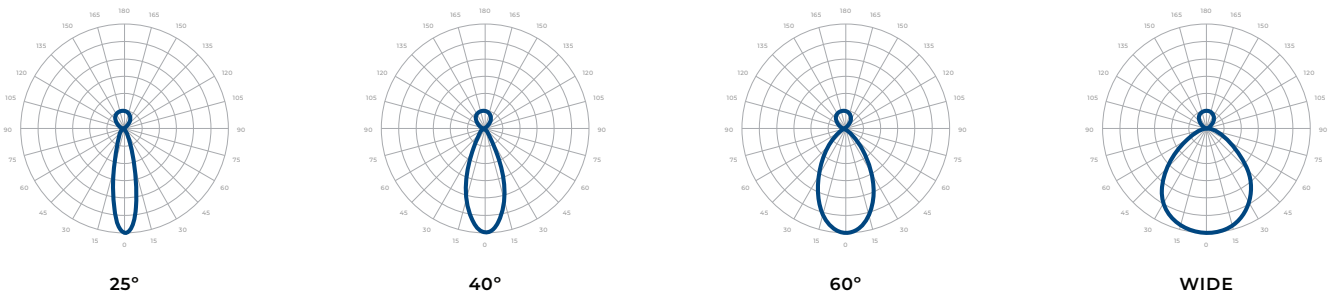
## DMX REQUIREMENTS

The Whiz 2.0 Bi-Directional 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**

PUSH

DMX IN   DMX OUT

**XLR Sockets**

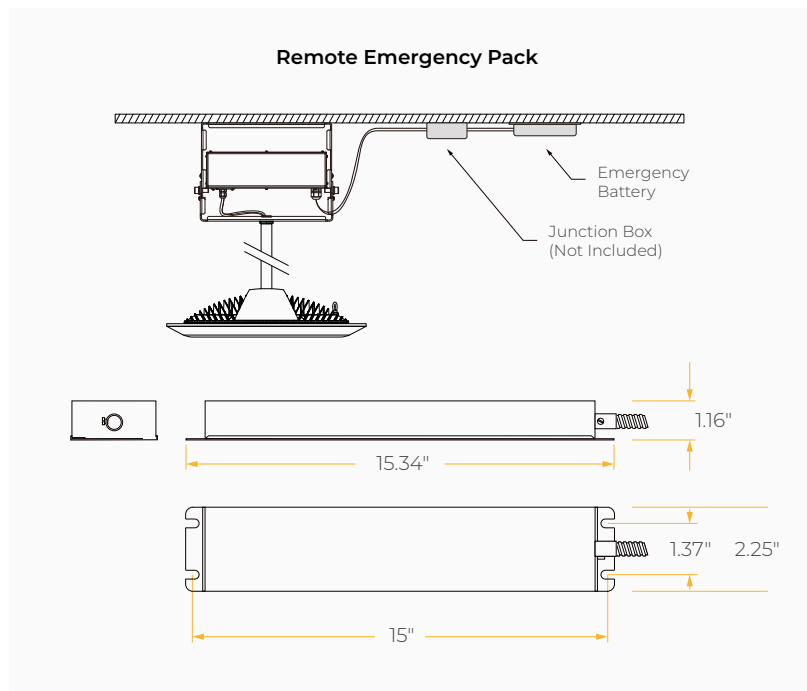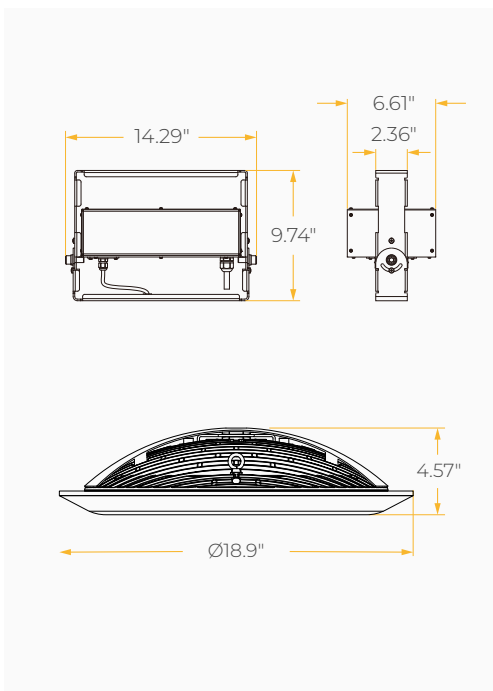# WHIZ 2.0  SLEEK AND ARCHITECTURAL HIGH CEILING SOLUTION
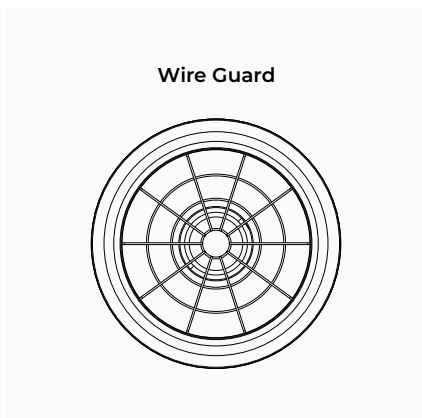
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## COMPATIBLE DMX CABLING LIST

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.
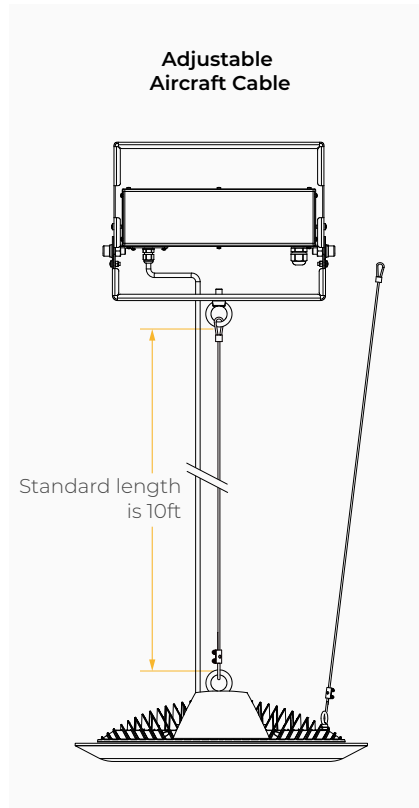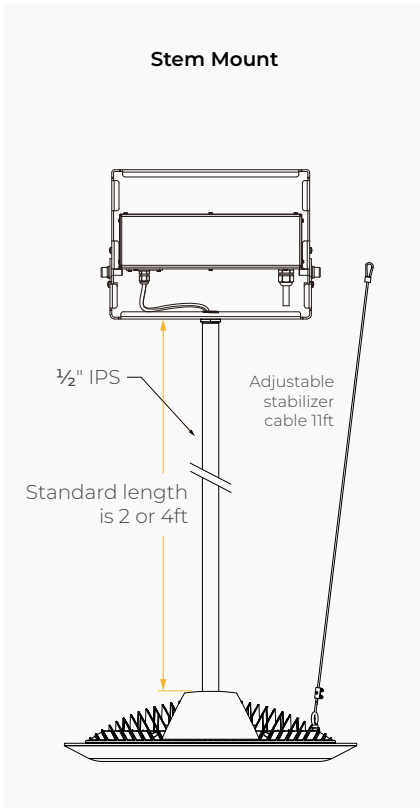
## DIMENSIONS



Remote Emergency Pack

## ACCESSORY



**Wire Guard**

## MOUNTING OPTIONS

**Stem Mount**

½" IPS

Adjustable stabilizer cable 11ft

Standard length is 2 or 4ft

**Adjustable Aircraft Cable**

Standard length is 10ft

## LED DISTRIBUTION

3000K LED

5000K LED