

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, 280W | 120V, 120-277V, 347-480V

Uplight : 30W, 60W | 120V, 120-277V, 347-480V

Lumen Output

Downlight : 17,100 lm (120W), 24,200 lm (170W), 34,300 lm (240W),
40,020 lm (280W)

Uplight : 4,390 lm (30W), 8,730 lm (60W)

Dimming

Standard 0-10V : Dims to 10%

Superior 0-10V : Dims to 1%

DMX : High resolution dims to 0.1%

DALI : Dims to 10%

Color Quality

CRI 75, CRI 85

Rated Life

> 100,000 Hours (L70)

Finish



Black



White

Color Temperature



3000K



3500K



4000K



5000K

Optics



25° DOWN
WD UP



40° DOWN
WD UP



60° DOWN
WD UP



WD DOWN
WD UP

Warranty

5 Year limited warranty

Listing

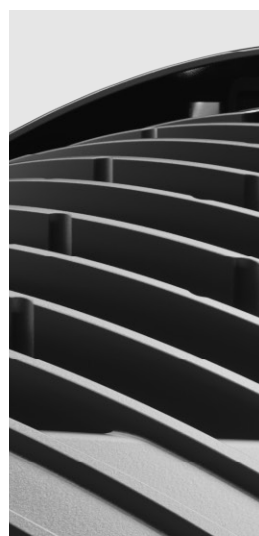


IP64

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

meteor-lighting.com

SPECIFICATION SHEET - BI-DIRECTIONAL

WHIZ 2.0

SLEEK AND ARCHITECTURAL
HIGH CEILING SOLUTION

METEOR

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

WS2B	MODEL	WHIZ 2.0 BI-DIRECTIONAL		
		150 Downlight: 120W Uplight: 30W	200 Downlight: 170W Uplight: 30W	270 Downlight: 240W Uplight: 30W
		310 Downlight: 280W Uplight: 30W		
	WATTAGE	180 Downlight: 120W Uplight: 60W	230 Downlight: 170W Uplight: 60W	300 Downlight: 240W Uplight: 60W
		340 Downlight: 280W Uplight: 60W		
	CCT / CRI	308 3000K / CRI 85 507 5000K / CRI 75	358 3500K / CRI 85	408 4000K / CRI 85
	VOLTAGE	120 120V	UNV 120-277V	HVT 347-480V
	DIMMING	NOD Non-Dimming SPVD Superior 0-10V dims to 1% Dual (Up/Down Separately) DMXRS² DMX dims to 0.1% Single (Up/Down Together)	STV Standard 0-10V dims to 10% DMXS¹ DMX dims to 0.1% Single (Up/Down Together) DMXRD² DMX dims to 0.1% Dual (Up/Down Separately)	SPVS Superior 0-10V dims to 1% Single (Up/Down Together) DMXD¹ DMX dims to 0.1% Dual (Up/Down Separately) DALI³ DALI dims to 10%
	BEAM ANGLE	Downlight 25 25° WD⁴ Wide (With diffuser)	40 40°	60 60°
WD		Uplight WD⁴ Wide (With diffuser)		
	FINISH	BLK Black	WHT White	
	MOUNTING	ST2 Stem 2ft	ST4 Stem 4ft	AD10 Adjustable Cable 10ft
	ACCESSORIES	NO No Accessories WG⁷ Wire Guard	EMP⁵ Remote Emergency Pack	DF⁶ Diffuser

¹ Option only applies to XLR Sockets² Option only applies to RJ45 Sockets³ Option is not compatible with HVT⁴ Please factor in change in lumen output of -20% with WD.⁵ EMP option is not compatible with HVT voltage.⁶ Please factor in change in lumen output of -12% with diffuser.⁷ 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) 40,020lm (280W)
- Uplight: 4,390 lm (30W), 8,730 lm (60W)
- Power Input: 120V, 120-277V, 347-480V
- Operating Temperature: -40°F~112°F
- Surge Protection: Built-in is 4KV
- Emergency Pack with Mounting Plate: Philips Bodine BSL20B2UEK55C11
- Power Factor Greater than 0.9

LED Features

- Color Temperature : 3000K, 3500K, 4000K, 5000K
- 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
- Standard 0-10V: Dims to 10%
- Superior 0-10V : Dims to 1%
- DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)
- DALI : dims to 10%

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*

Delivered Lumens				
CCT/WATTAGE	3000K	3500K	4000K	5000K
120W DOWN	15,000lm	15,200lm	15,900lm	17,100lm
170W DOWN	21,250lm	21,550lm	22,600lm	24,200lm
240W DOWN	30,000lm	30,400lm	31,920lm	34,300lm
280W DOWN	35,000lm	35,500lm	37,250lm	40,020lm
30W UP	3,800lm	3,960lm	4,100lm	4,390lm
60W UP	7,590lm	8,040m	8,150lm	8,730lm

*Beam Angle: 60° *Tolerance ±8%

PERFORMANCE SUMMARY

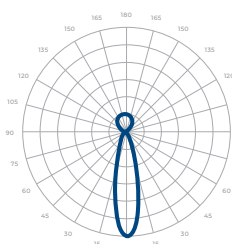
Current Consumption				
WATTAGE / VOLT	120V	277V	347V	480V
120W + 30W DOWN UP	1.47A	0.64A	0.51A	0.38A
170W + 30W DOWN UP	1.95A	0.84A	0.67A	0.48A
240W + 30W DOWN UP	2.57A	1.12A	0.89A	0.65A
280W + 30W DOWN UP	2.93A	1.27A	1.02A	0.74A

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
280W + 60W DOWN UP	3.12A	1.35A	1.09A	0.79A

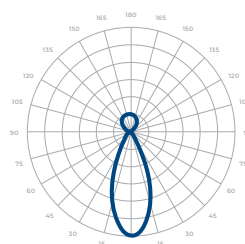
Emergency Pack Lumen Output Table				
CCT	3000K	3500K	4000K	5000K
LUMEN	1,900lm	1,920lm	1,980lm	2,360lm

PHOTOMETRICS

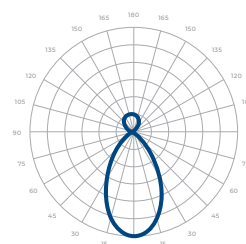
Below is a typical photometric representation of the Whiz 2.0 Bi-Directional fixture. Please download IES files to ensure exact photometric value.



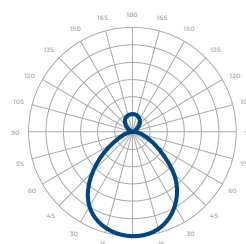
25°



40°



60°



WIDE

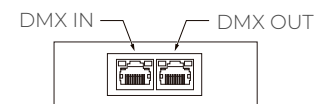
DMX REQUIREMENTS

The Whiz 2.0 Bi-Directional fixture with DMX is a **single 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.

DMX Address		
Fixture	Downlight	Uplight
#1	1	2
#2	3	4
#3	5	6

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



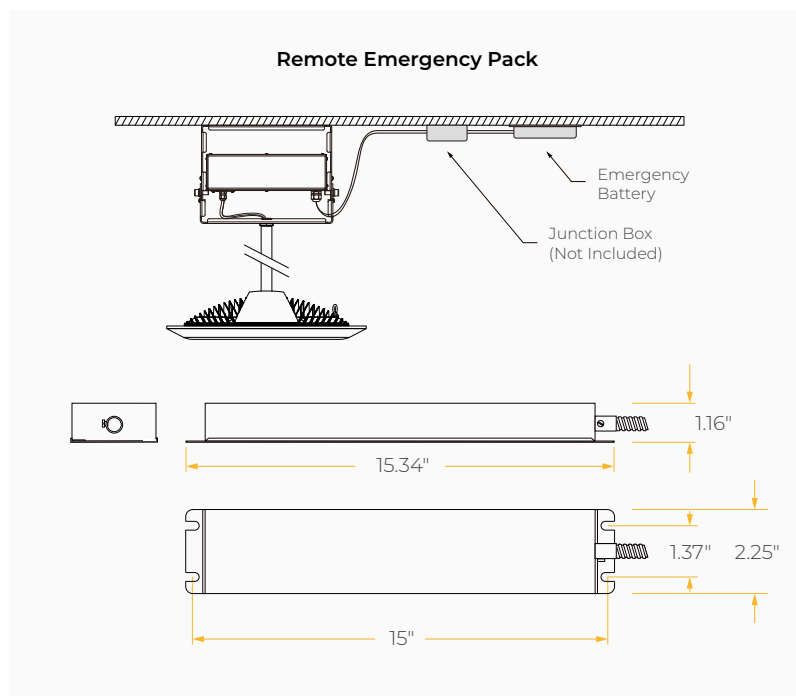
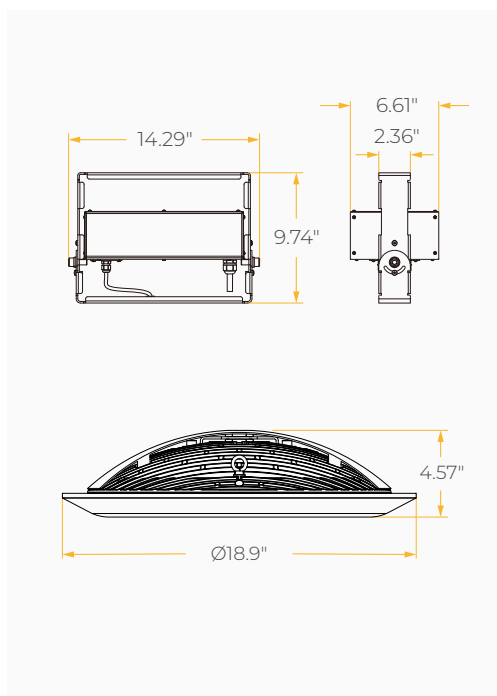
XLR Sockets

COMPATIBLE DMX CABLING LIST

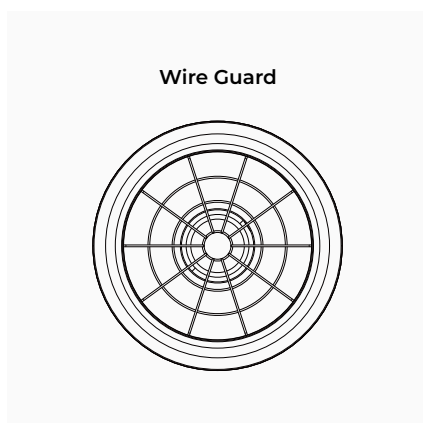
DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable **must not be used to carry DMX**. Network cable (Cat5, 5e or 6 cable) may be used to carry 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

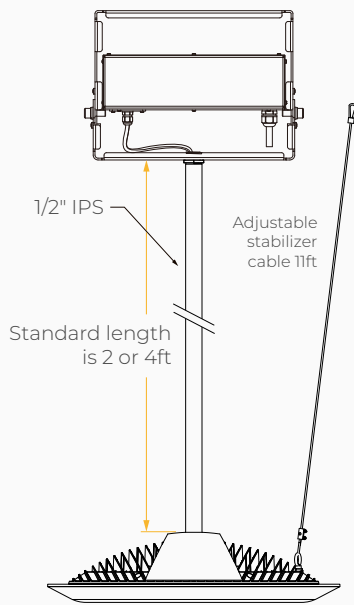


ACCESSORY



MOUNTING OPTIONS

Stem Mount



Adjustable Aircraft Cable

