WHIZ 2.0

SLEEK AND ARCHITECTURAL HIGH CEILING SOLUTION

Housing
Diameter : Ø16.2" | Height : 4.4" | Weight : 33 lbs

Material
Housing : High Pressure Die-Cast Aluminum, Tempered Glass
Lens : Precision molded high transmittance clear PC lens

Power Input
120W, 170W, 240W, 300W | 120-277V, 347-480V

Lumen Output
13,900 lm (120W), 19,600 lm (170W), 26,700 lm (240W), 35,400 lm (300W)

Dimming
Standard 0-10V : dims to 10%
Superior 0-10V : Dims to 1%
LDE1 : Hi-Lume 1% EcoSystem
LTE : Hi-Lume 1% 2-Wire TRIAC
DMX : High resolution dims to 0.1%
DALI : Dims to 10%

Color Quality	Rated Life
CRI 75, CRI 85	> 100,000 Hours (L70)

Finish
Black   White

Color Temperature
3000K   3500K   4000K   5000K

Optics
25°   40°   60°   WIDE

Warranty
5 Year limited warranty

Listing
cETLus Intertek   CE   FC   UL 924

Designed For The Ones Who Expect The Extraordinary.

The Whiz 2.0 redefines high ceiling design, with a High Bay look that is unlike any other. This architectural fixture is suitable for mounting heights of 30ft and above and delivers high performance as well as clean aesthetics.

The Whiz 2.0 can be configured for both direct and indirect lighting, is available in Wet Location listed ratings, as well as Colorflip™ color-changing technologies.

2019 LFI INNOVATION AWARDS®

METEOR

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

WS2	MODEL	**WHIZ 2.0**		
	WATTAGE	**120** 120W **300** 300W	**170** 170W	**240** 240W
	CCT / CRI	**308** 3000K / CRI 85 **507** 5000K / CRI 75	**358** 3500K / CRI 85	**408** 4000K / CRI 85
	VOLTAGE	**UNV** 120-277V	**HVT** 347-480V	**120** 120V
	DIMMING	**NOD** Non-Dimming **DMX** DMX dims to 0.1% (XLR Sockets) **LDE1**[1,2] Hi-Lume 1% EcoSystem (UNV only)	**STV** Standard 0-10V dims to 10% **DMX(RJ45)** DMX dims to 0.1% (RJ45 Sockets) **DALI**[2] DALI dims to 10%	**SPV** Superior 0-10V dims to 1% **LTE**[1,2] Hi-Lume 1% 2-wire LED Driver (120V forward phase only)
	BEAM ANGLE	**25** 25° **WD**[3] Wide (With diffuser)	**40** 40°	**60** 60°
	FINISH	**BLK** Black	**WHT** White	
	MOUNTING	**ST2** Stem 2ft **UP2**[4] Uplight Stem 2ft **AUP4**[4] Adjustable Uplight 4ft	**ST4** Stem 4ft **UP4**[4] Uplight Stem 4ft	**AD10**[4] Adjustable Cable 10ft **AUP2**[4] Adjustable Uplight 2ft
	ACCESSORIES	**OCC**[5] Occupancy Sensor (Enlighted) **WG**[8] Wire Guard	**EMP**[6] Remote Emergency Pack **SNT**[9] Snoot	**DF**[7] Diffuser **GSV**[10] Glare Shield Visor

[1] *Option only compatible with 120W .*

[2] *Not compatible with HVT.*

[3] *Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees).*

[4] *Option is not compatible with OCC.*

[5] *Option is **only** compatible with NOD, and must be ordered with WG. Not available with 300W. OCC sensor is a mesh network-controlled device.*

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

[7] *Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees).*

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

[9] *Please factor in change in lumen output of -30%.*

[10] *Please factor in change in lumen output of -25%.*

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WHIZ 2.0   SLEEK AND ARCHITECTURAL HIGH CEILING SOLUTION

METEOR

TECHNICAL DETAILS

Electrical

- 13,900 lm (120W), 19,600 lm (170W), 26,700 lm (240W) 35,400 lm (300W)
- 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

- Color Temperature : 3000K, 3500K, 4000K, 5000K
- CRI 75, CRI 85
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs
- Lumen Maintenance > 0.90 at 60,000 hours

Optics

- Precision molded high transmittance clear PC lens
- Beam Angle : 25°, 40°, 60°, Wide (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%
- LDE1: Hi-Lume 1% EcoSystem (UNV only)
- LTE: Hi-Lume 1% 2-Wire TRIAC (120V only)
- DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)
- DALI : dims to 10%

Housing

- Diameter : Ø16.24"
- Height : 4.4"
- Weight : 33 lbs
- Material : High Pressure Die-Cast Aluminum, Tempered Glass

Mounting

- Stem Mount 2ft or 4ft
- Adjustable Cable 10ft
- Uplight Mount 2ft, 4ft
- Adjustable Uplight Mount 2ft, 4ft

Warranty

- 5-year limited warranty

Listing

- ETL Damp Location Listed
- CE
- FCC
- UL 924

PERFORMANCE SUMMARY*

Delivered Lumens				
CCT/WATTAGE	3000K	3500K	4000K	5000K
120W	12,400lm	12,500lm	13,300lm	13,900lm
170W	17,510lm	17,700lm	18,900lm	19,600lm
240W	21,200lm	21,400lm	22,100lm	26,700lm
300W	28,500lm	28,800lm	29,700lm	35,400lm

*Beam Angle: 40° * Tolerance ±8%*

Current Consumption		
WATTAGE / VOLT	120V	277V
120W	1.1A	0.48A
170W	1.56A	0.68A
240W	2.02A	0.87A
300W	2.75A	1.19A

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

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PHOTOMETRICS

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

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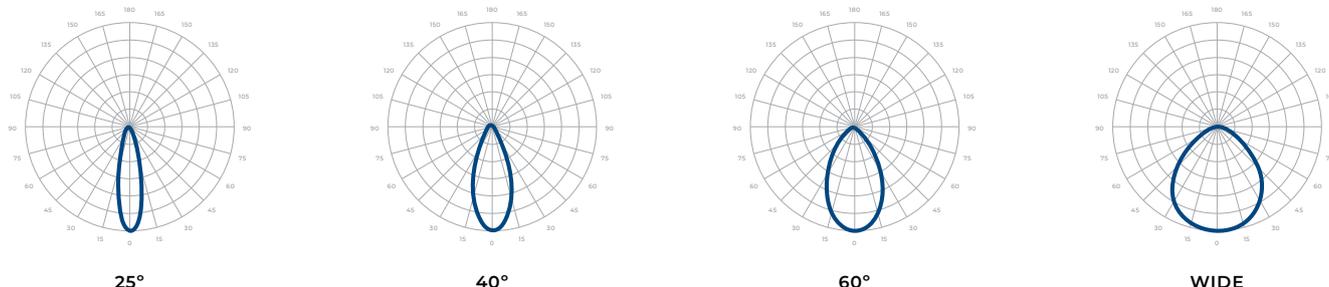
DMX REQUIREMENTS

The Whiz 2.0 LED fixture with DMX is a **single channel dmx** unit.
When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture.)
The LED fixture provides RJ45 socket or XLR socket to connect. (DMX cable **not** included.)
The final fixture should be terminated by the use of a DMX terminator (by others).

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

DMX IN   DMX OUT

XLR Sockets
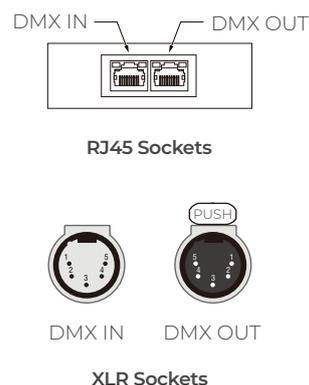
COMPATIBLE DMX CABLING LIST

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.

COMPATIBLE LTE DIMMER LIST

LUTRON PART NO.						
RRD-6NA-	RRT-G5NEW-	RRT-GH	HQRD-10ND-	HQRT-GH	HQRD-HN	PD-10NXD-
RRD-6ND	RRT-G25LW-	HQRD-6NA-	MRF2-6ND-120-	HQRT-G25LW-	GT-250M-	PD-5NE-
RRD-10ND-	RRD-HN	HQRD-6ND-	MRF2S-6ND-120-	HQRT-G5NEW-	GTJ-250M-	

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COMPATIBLE LDE1 DIMMER LIST

LUTRON PART NO.						
RMJ-ECO32-DV-B	FCJ/FCJS-ECO	QSN-1ECO-S	QSN-2ECO-S	QSGRJ-_E	QSGR-_E	QP2-_ _ 2C
QP2-_ _ 4C	QP2-_ _ 6C	QP2-_ _ 8C	LQSE-2ECO-D			

DIMENSIONS
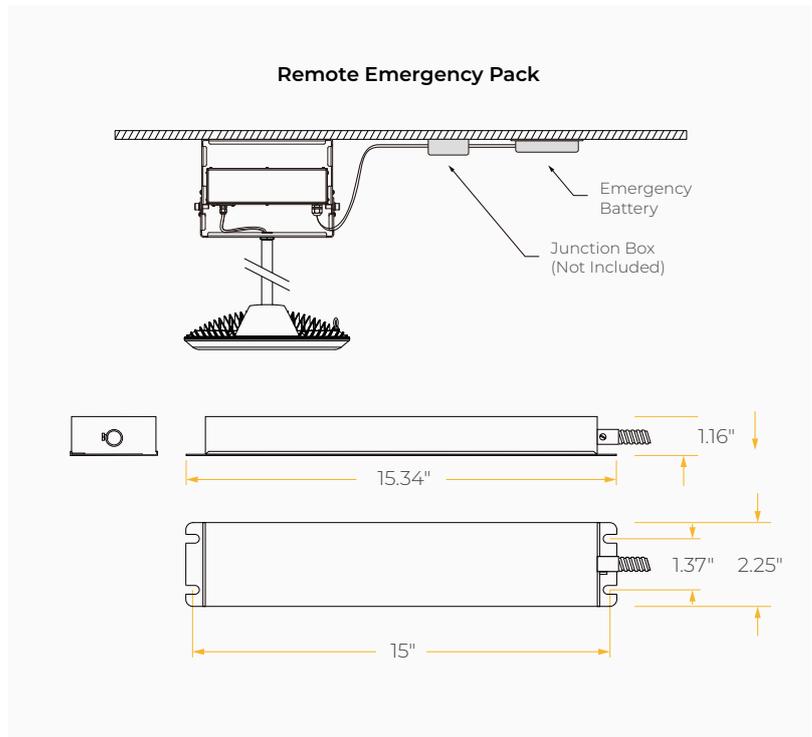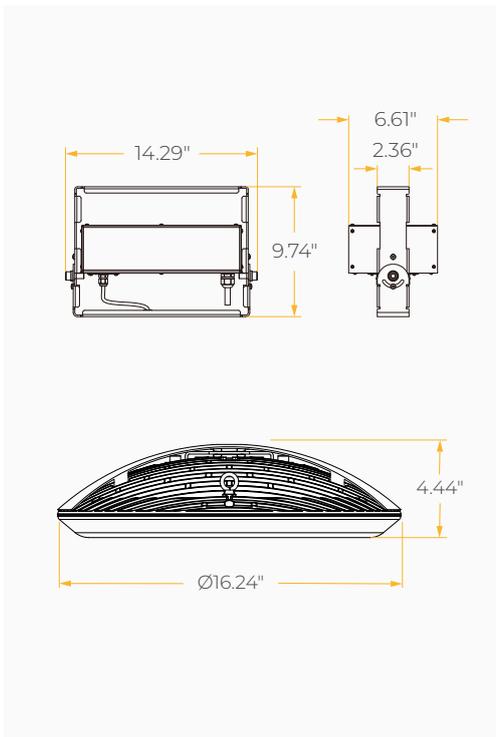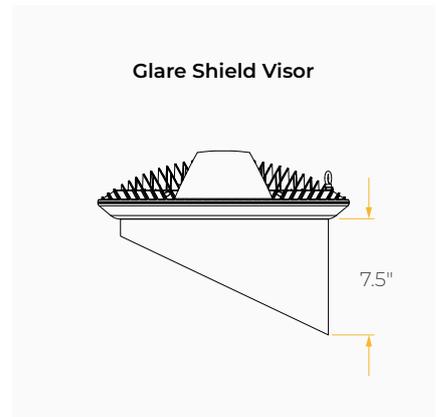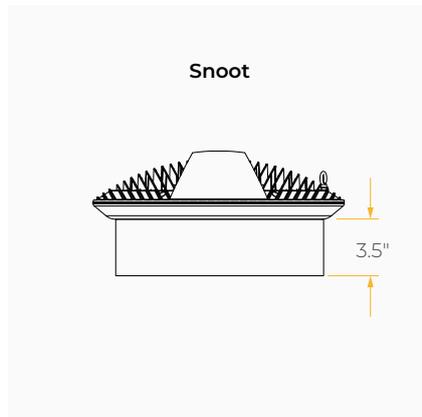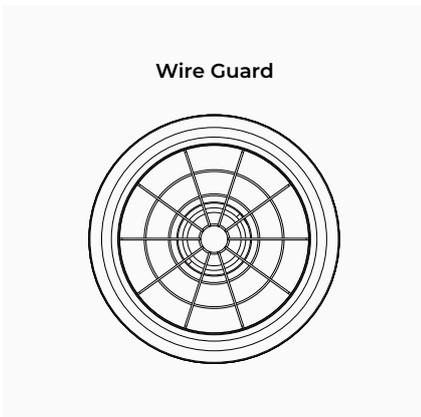
14.29"
6.61"
2.36"
9.74"
4.44"
Ø16.24"

Remote Emergency Pack

Emergency Battery

Junction Box (Not Included)

1.16"
15.34"
1.37" 2.25"
15"

ACCESSORY

Wire Guard

Snoot

3.5"

Glare Shield Visor

7.5"

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ACCESSORY

Occupancy Sensor
* Not available with any dimming option.
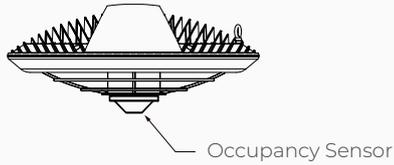
Occupancy Sensor

Occupancy Sensor Operation

15 MIN   15 MIN

100

OUTPUT(%)   0

MOTION
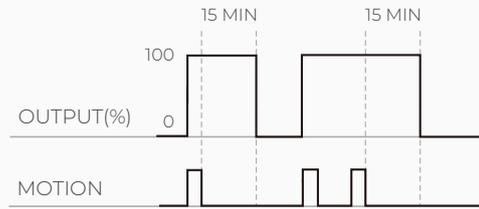
MOUNTING OPTIONS

Stem Mount

Adjustable stabilizer cable 11ft

Standard length is 2 or 4ft
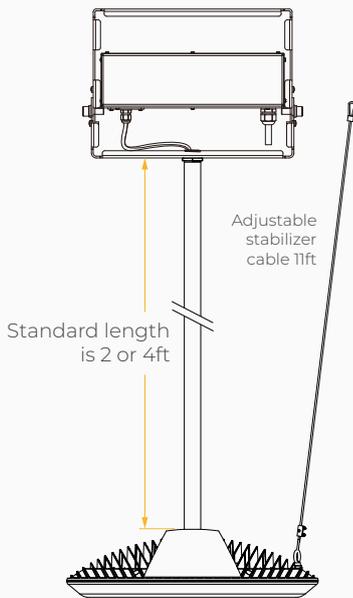
Adjustable Aircraft Cable

Standard length is 10ft

Uplight Mount

Standard length is 2 or 4ft

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MOUNTING OPTIONS

Adjustable Uplight
(45° Tilt on each side)

Standard length
is 2 or 4ft

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