ADVANCED HIGH CEILING
Whiz 2.0 - Tunable White Version (ColorFlip™)

METEOR

High lumen compact luminaire with lumen output 17165 – 29555lm.

Uplight

LFI INNOVATION AWARDS

ColorFlip

Quantity		Type	
Project		Note	

Delivered Lumens*

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
150W	17165 lm	19070 lm	20980 lm	20805 lm	20630 lm
300W	24100 lm	26830 lm	29555 lm	29545 lm	29540 lm
CRI	85	83	82	80	75

Electrical System

- 150W
- 300W
- Power Input: Universal (120-277V); 347-480V
- Operating Temperature: -40°F~112°F
- Surge Protection: 4KV
- Power Factor Greater than 0.9

LED Technology

- ColorFlip™(Tuning White: 3000K ←→ 5000K)
- 3000K / 85 CRI, 5000K / 75 CRI
- Beam Angle: 25°, 40°, 60°, 100° (with diffuser)
- Rated Life > 100,000 hours (L70)
- Lumen Maintenance > 0.90 at 60,000 hours

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: 16.24" (420mm)
- Material: Die-Cast Aluminum, Tempered Glass
- Weight: 33lbs

Mounting

- Stem 2ft, 4ft
- Adjustable Aircraft Cable 10ft
- Uplight 2ft, 4ft
- Adjustable Uplight 2ft, 4ft

Warranty

- 5 years limited warranty.

Listing

- ETL Damp Location Listed

ETL LISTED
c   us
Intertek

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How To Specify:
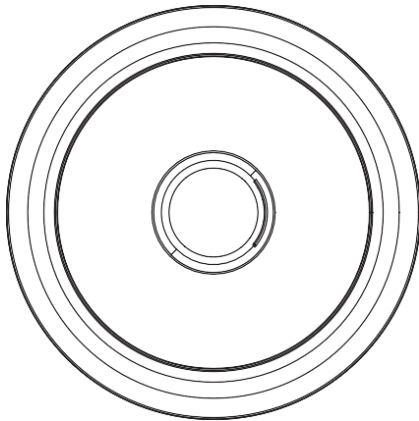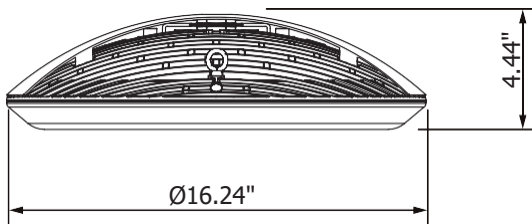
Ordering Example: WS2-300-TNW-UNV-DMX-60-BLK-ST2-EMP

Model	Wattage		CCT / CRI		Voltage		Dimming	
WS2					UNV			
WS2	**150**	150W	**TNW**	3000K-5000K	**UNV**	120-277V	**SPV**	Superior 0-10V dims to 1%
Whiz 2.0 Series	**300**	300W			**HVT**	347-480V	**DMX**	DMX dims to 0.1% (XLR Sockets)
							DMX(RJ45)	DMX dims to 0.1% (RJ45 Sockets)

Beam Angle		Finish		Mounting		Accessories	
25	25º	**BLK**	Black	**ST2**	Stem 2ft	**EMP**[1]	Remote Emergency Pack
40	40º	**WHT**	White	**ST4**	Stem 4ft	**DF**[2]	Diffuser
60	60º			**AD10**	Adjustable Cable 10ft	**WG**[3]	Wire Guard
WD*	100º (with diffuser)			**UP2**	Uplight Stem 2ft	**SNT**[4]	Snoot
				UP4	Uplight Stem 4ft	**GSV**[5]	Glare Shield Visor
				AUP2	Adjustable Uplight 2ft		
				AUP4	Adjustable Uplight 4ft		

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

[1]Option not compatible with 300W

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

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

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

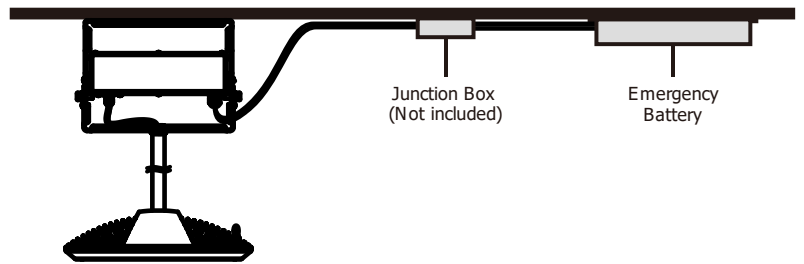[5]Please factor in change in lumen output of -25%.

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Current Consumption

Wattage \ Volt	120V	277V
150W	1.25A	0.54A
300W	2.50A	1.08A

Dimensions

4.44"

Ø16.24"

Remote Emergency Pack

Junction Box
(Not included)

Emergency
Battery

16.6" x 2.8" x 2.85" (mounting center - 16.05")

2.85"

16.6"

2.80"

16.05"
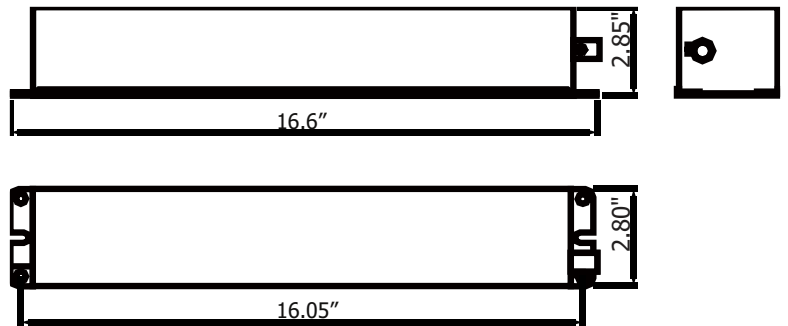
Emergency Pack Lumen Output Table

CCT	4000K
Lumen	1980 lm

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Mounting Options

14.29"

9.74"

10.61"

2.36"

(Standard length is 2 or 4ft)

Adjustable
stabilizer cable is
11ft.

Stem

(Standard length is 10ft)

**Adjustable
Aircraft Cable**

(Standard length is 2 or 4ft)

Uplight

(Standard length is 2 or 4ft)

Adjustable Uplight

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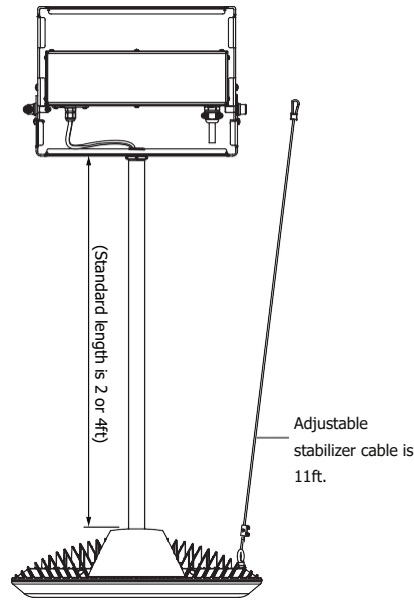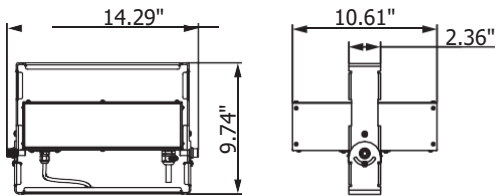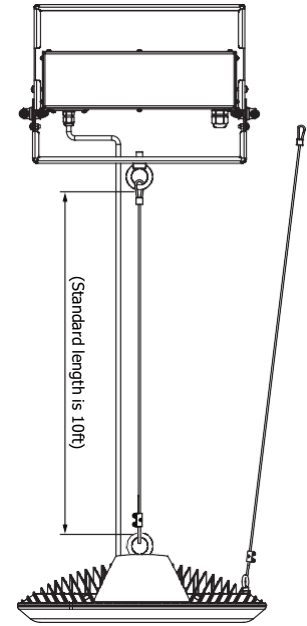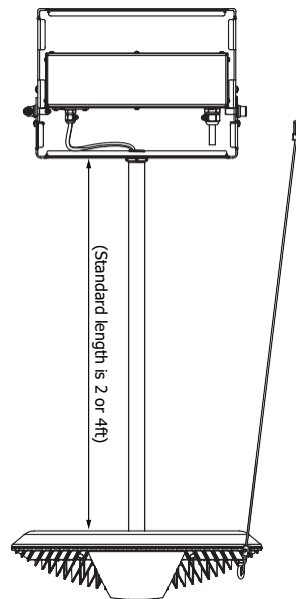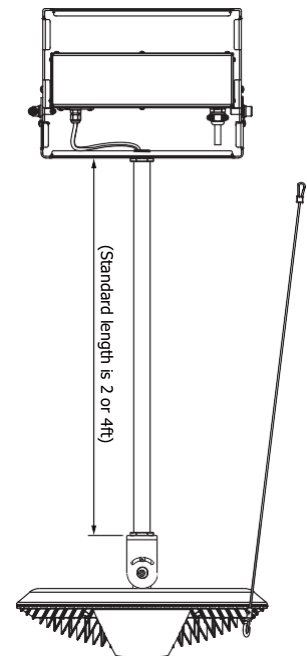
DMX Requirements*

Each Whiz 2.0 DMX unit has TWO CHANNELS per fixture (1 to control intensity, 1 to control color).

Fixture will be controlled by DMX number controlling intensity.

We do not recommend more than 32 fixtures per DMX daisy chain.

When placing order, please indicate DMX address (refer to DMX Address example

below). DMX address will be listed on the back of each fixture.

Fixture	DMX Address	
	Intensity Control (ex. X)	Color Control (ex. X+1)
#1	1	2
#2	3	4
#3	5	6

The LED fixture provide RJ45 Socket or XLR socket to connect. (DMX cable NOT included.)

RJ45 Sockets

DMX IN   DMX OUT

XLR Sockets

PUSH

DMX IN   DMX OUT
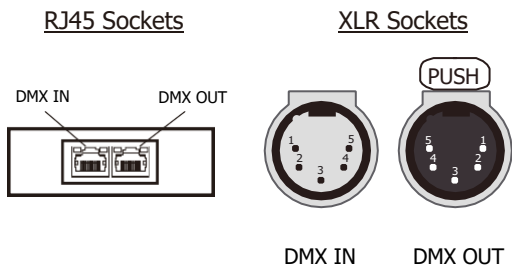
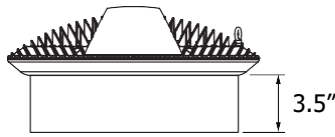| CONNECTION	RJ45 (CAT5e)	5-PIN XLR
Common	WHITE/BROWN(PIN7) & BROWN (PIN 8)	PIN 1
Signal -	ORANGE (PIN 2)	PIN 2
Signal+	WHITE/ORANGE (PIN 1)	PIN 3
Spare	-	PIN 4
Spare	-	PIN 5

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 for DMX installation. Belden 9729 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed. Below is a list of other compatible Belden cables.
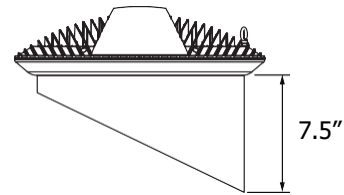
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Accessory

Wire Guard

3.5"

Snoot

7.5"
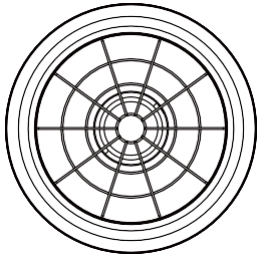
Glare Shield Visor

150W (75W: 3000K; 75W: 5000K)
300W (150W: 3000K; 150W: 5000K)

5000K

3000K