WHIZ 2.0

SLEEK AND ARCHITECTURAL HIGH CEILING SOLUTION

SPECIFICATION SHEET
STATIC WHITE

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

Material
Housing : High Pressure Die-Cast Aluminum
Lens : High transmittance clear tempered glass

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

Lumen Output
17,100 lm (120W), 24,200 lm (170W), 34,300 lm (240W), 41,900 lm (300W)

Dimming
Standard 0-10V : Dims to 10%
Superior 0-10V : Dims to 1%
TRC : Linear line-voltage phase control, 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° 40° 60° WIDE

Warranty
5 Year limited warranty

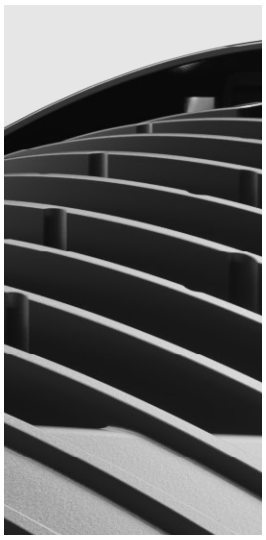
Listing

DesignLights Consortium™ Qualified Luminaires:
DLC QPL Product ID: S-VKGY5X
Not all product variations listed are DLC qualified.
To ensure that a specific model is qualified, visit www.designlights.org/search

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 Archi-Color® color-changing technologies.



METEOR

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METEOR

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

Use our online product configurator to quickly assemble fixture specifications

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) **DALI**[2] DALI dims to 10%	**STV** Standard 0-10V dims to 10% **DMXR** DMX dims to 0.1% (RJ45 Sockets)	**SPV** Superior 0-10V dims to 1% **TRC**[1] Linear line-voltage phase control, dims to 1%
	BEAM ANGLE	**25** 25° **WD**[3] Wide (With diffuser)	**40** 40°	**60** 60°
	FINISH	**BLK** Black	**WHT** White	
	MOUNTING	**ST2** Stem 2ft **UP2** Uplight Stem 2ft **AUP4**[4] Adjustable Uplight 4ft	**ST4** Stem 4ft **UP4** Uplight Stem 4ft	**AD10** Adjustable Cable 10ft **AUP2**[4] Adjustable Uplight 2ft
	ACCESSORIES	**EMP**[5] Remote Emergency Pack **SNT**[8] Snoot	**DF**[6] Diffuser **GSV**[9] Glare Shield Visor	**WG**[7] Wire Guard

CLEAR FORM

[1] *TRC is not compatible with UNV, HVT, 170W, 240W, 300W*
[2] *DALI is not compatible with HVT*
[3] *WD option reduces delivered lumens by ~20%*
[4] *Option is not compatible with WG, SNT, GSV*
[5] *EMP is not compatible with HVT*
[6] *DF option reduces delivered lumens by ~12% (~20% with WD)*
[7] *WG option reduces delivered lumens by ~14%*
[8] *SNT option reduces delivered lumens by ~30%*
[9] *GSV option reduces delivered lumens by ~25%*

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TECHNICAL DETAILS

Electrical

- 17,100 lm (120W), 24,200 lm (170W), 34,300 lm (240W) 41,900 lm (300W)
- 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 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

- Beam Angle : 25°, 40°, 60°, WD (With diffuser)

Advanced Dimming

- Proprietary VX Driver™ is integrated across all dimming options, delivering video flicker-free performance and full compliance with IEEE 1789.
- Standard 0-10V: dims to 10%
- Superior 0-10V : Dims to 1%
- TRC : Linear line-voltage phase control, dims to 1% (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
- IK07

Mounting

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

Warranty

- 5-year limited warranty

Listing

- DLC Premium Listed
- ETL Damp Location Listed
- CE
- UKCA
- FCC

PERFORMANCE SUMMARY*

Delivered Lumens				
CCT/WATTAGE	3000K	3500K	4000K	5000K
120W	15,000lm	15,200lm	15,900lm	17,100lm
170W	21,250lm	21,550lm	22,600lm	24,200lm
240W	30,000lm	30,400lm	31,920lm	34,300lm
300W	38,300lm	37,160lm	39,000lm	41,900lm

Current Consumption				
WATTAGE / VOLT	120V	277V	347V	480V
120W	1.1A	0.48A	0.38A	0.28A
170W	1.56A	0.68A	0.54A	0.39A
240W	2.02A	0.87A	0.76A	0.55A
300W	2.75A	1.19A	0.95A	0.69A

**Beam Angle: 40° * Tolerance ±8%*

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

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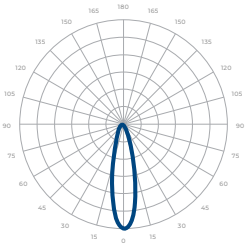
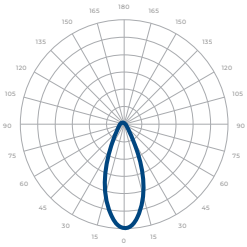
PHOTOMETRICS

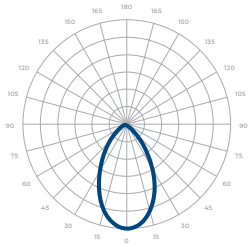
Below is a typical photometric representation of the Whiz 2.0 fixture. Please download IES files to ensure exact photometric value.



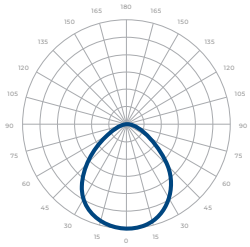
25°



40°



60°



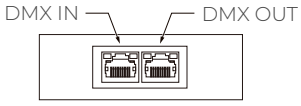
WIDE

DMX REQUIREMENTS

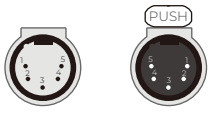
The Whiz 2.0 fixture with DMX is a **single channel dmx** unit. When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

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.

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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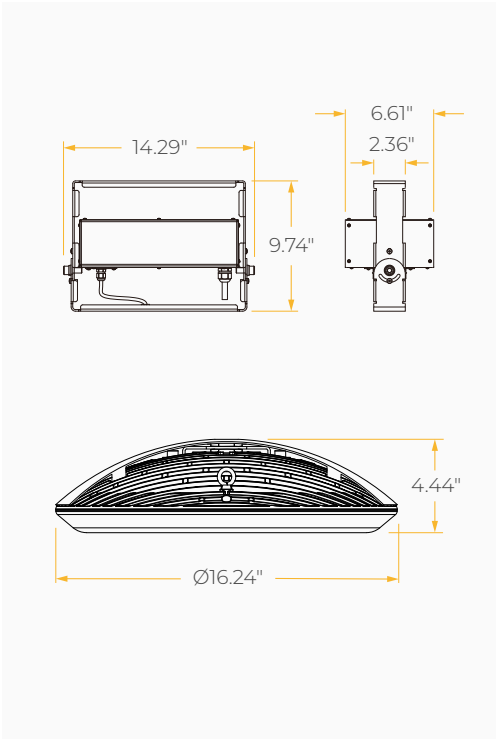
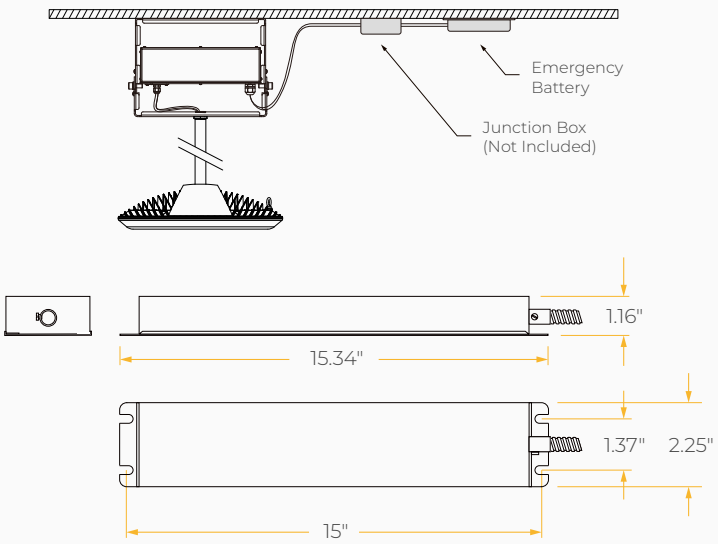
COMPATIBLE LDE1 DIMMER LIST

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



Remote Emergency Pack



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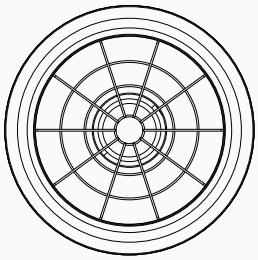
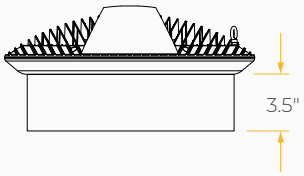
ACCESSORY

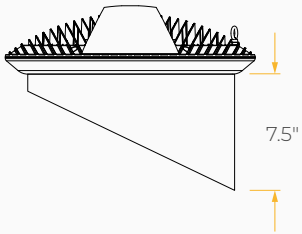
Wire Guard



Snoot



Glare Shield Visor



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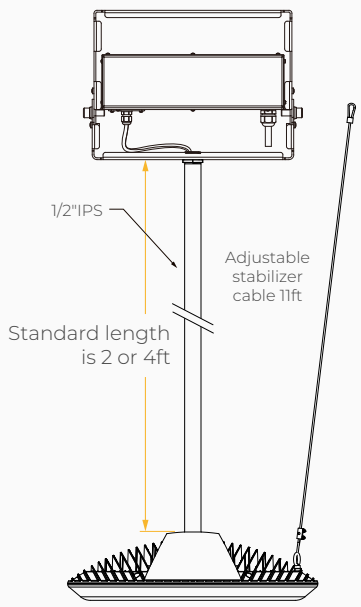
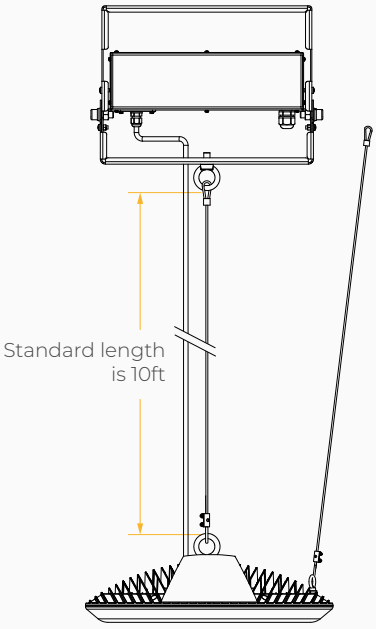
MOUNTING OPTIONS

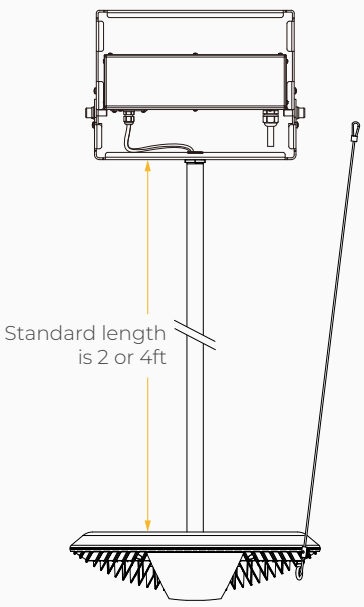
Stem Mount



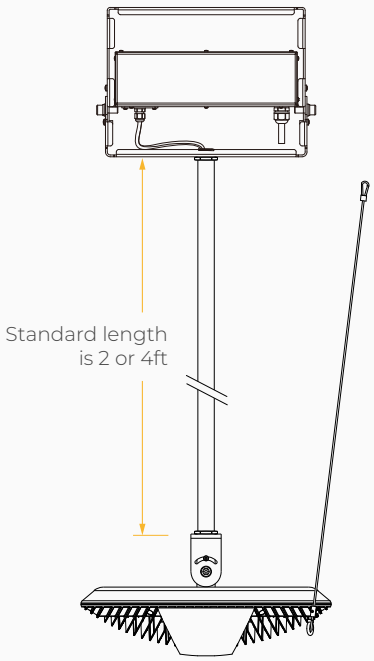
Adjustable Aircraft Cable



Uplight Mount



Adjustable Uplight (45° Tilt on each side)



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