

# Specification

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20150318



## Electrical

**Wattage:** 100W (up to 8600 lm @ 5700K)

**Power Input:** U(120-277V)

**Operating Temperature:** -40°F~131°F

**Moisture Protection:** UL Wet location listed

**Surge Protection:** 10KV

## LED Technology

- LED color available in 3000K, 4200K, 5700K, CCT.
- LED color tolerance within 3-step McAdam Ellipse
- CRI75(standard), CRI85 optional for 3000K and 4200K; CRI95 optional for 3000K
- Offered in 15°, 30°, 60°, 80°, 100°(with diffuser) optical distributions
- Rated Life: >100,000 hours (L70)

## Dimming

- **DMX** control with high resolution; 4,096 steps to <0.1% dimming level. Specifically designed to meet video broadcast and recording needs in applications such as Auditoriums, Theaters, Churches)

## Housing

**Dimensions:** 15.07" (383mm) x 14.17" (360mm)

**Height:** 3.54"(90mm)

**Material:** High pressure die-cast aluminum, tempered glass

**Housing Finish(Heat sink, Stem/ Bracket, Power Box):**

Silver; Black(optional), White(optional)

**Rim Finish:** Black, White

**Weight:** 23.2 lbs

## Mounting

Pendant or Stem standard length is 2 or 4ft ; Bracket, Twin Bracket(please refer to WS Twin Bracket Spec Sheet)

## Warranty

5 year limited warranty. See [www.meteor-lighting.com](http://www.meteor-lighting.com) for details.

# Whiz Series(DMX) - 90 Compact high wattage luminaire

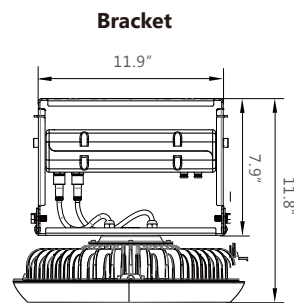
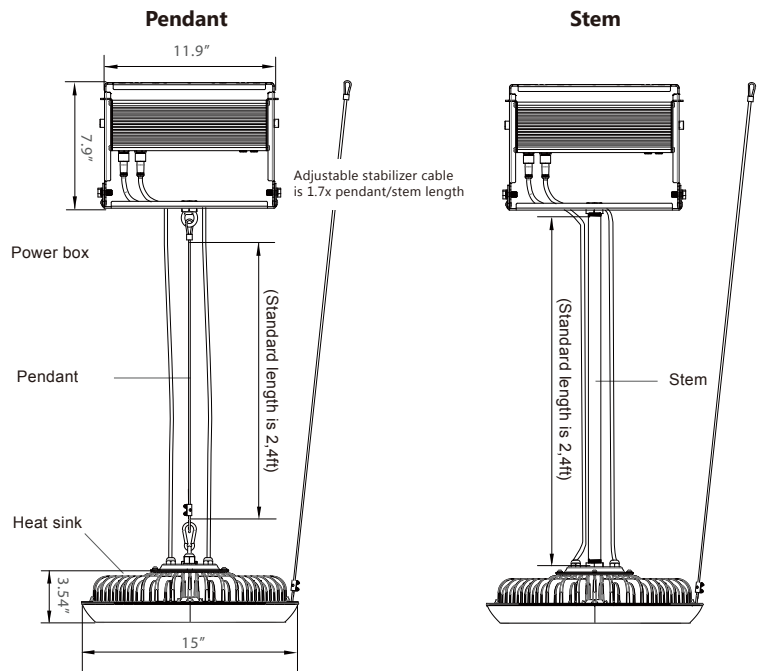
8600 lm@5700K

Type : \_\_\_\_\_

Project : \_\_\_\_\_

Quantity: \_\_\_\_\_

Note : \_\_\_\_\_



## Wire Guard



Flickering is present in all light sources and Meteor has developed propriety VX driver which combats flickering in recorded material. VX Driver is an advanced non-flickering technology, to all its dimming options which includes 0-10V(Std), Superior 0-10V(<1%) and DMX(<0.1%).



\*Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org](http://www.designlights.org) to confirm which versions are qualified.



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# Whiz Series(DMX) - 90

## Compact high wattage luminaire

8600 lm@5700K

### Ordering Guide:

Ex.WSD-90-30K-120-80-B-P2-WG

Model	Color Temp	Voltage	Beam Angle	Rim Finish	Mounting
<b>WSD-90</b> (DMX)	<b>30K</b> (3000K)	<b>120</b> (120V)	<b>15</b>	<b>W</b> (White) <b>B</b> (Black)	<b>P2</b> Pendant 2ft
	<b>42K</b> (4200K)	<b>277</b> (277V)	<b>30</b>		<b>P4</b> Pendant 4ft
	<b>57K</b> (5700K)		<b>60</b>		<b>ST2</b> Stem 2ft
			<b>80</b>		<b>ST4</b> Stem 4ft
			<b>100*</b> <small>*must order with diffuser</small>		<b>BR</b> Bracket

Optional	
<b>CRI85</b>	Only available for 3000K and 4200K
<b>CRI95<sup>1</sup></b>	Only available for 3000K
<b>BHSG<sup>1</sup></b>	Black Housing (Heat sink, Stem/Bracket, power box)
<b>WHSG<sup>1</sup></b>	White Housing (Heat sink, Stem/Bracket, power box)
<b>TB</b>	Twin Bracket
<b>DF<sup>2</sup></b>	Diffuser
<b>WG</b>	Wire Guard

Notes: <sup>1</sup> Additional lead time required.

<sup>2</sup> Please factor in change in lumen output with diffuser (-16%).

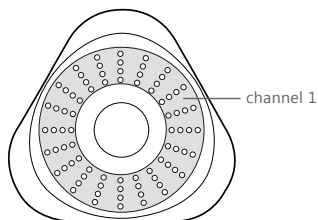
### Lumen Output Table\*

CCT	Beam Angle 15°	Beam Angle 30°	Beam Angle 60°	Beam Angle 80°	Beam Angle 100° DF
5700K	8774 lm	8600 lm	8410 lm	8199 lm	7740 lm
4200K	7745lm	7543 lm	7376 lm	7190 lm	6786 lm
3000K	6866 lm	6619 lm	6473 lm	6310 lm	5921 lm

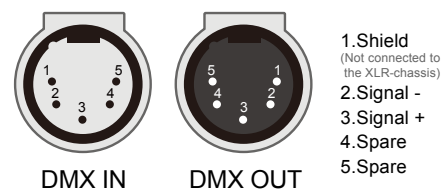
### Efficacy up to 86 LPW.

\*Tolerance ±8%

### Data Cable (DMX Cable) Requirements:



The Whiz LED can be controlled via DMX-512 protocol. The Whiz LED fixture with DMX is a 1 channel DMX unit. (\*\*\*)**When placing order, please indicate DMX address. The DMX address will be present inside the power supply box.\*\*\*** The DMX address will be listed on the power box.) The LED fixture and your DMX controller require an approved DMX-512 Data cable for data input and data output. (DMX cable NOT included.)



Meteor LED reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.

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