ZETA 10

AESTHETIC 10" CYLINDER WITH VARIOUS COLOR TRIM OPTIONS

SPECIFICATION SHEET
TUNABLE WHITE

Housing
Diameter : Ø9.4" | Height : 18.6" | Weight : 25 lbs

Material
Housing : High Pressure Die-Cast Aluminum, Tempered Glass
Reflector : Flow Forming Aluminum

Power Input
45W, 80W, 100W | 120-277V

Lumen Output
3,815 lm (45W), 6,650 lm (80W), 8,155 lm (100W)

Dimming
Superior 0-10V : dims to 1% (2 channel)
1 channel control dimming. 1 channel control CCT
DMX : high resolution dims to 0.1% (2 channel)
(Supports ANSI E1.20 RDM protocol)

Color Quality
CRI 85+

Rated Life
> 100,000 Hours (L70)

Finish
Black, White

Trim Finish
White, Sliver, Gold, Copper, Black

Color Temperature
ColorFlip™ Tunable White
2700K ↔ 6500K

Optics
45°, 55°

Mounting
Stem Mount, Adjustable Cable, Wall Mount

Warranty
5 Year limited warranty

Listing

High Lumen Package & Personalization Options

An aesthetic 10-inch aperture cylinder with a sleek exterior and a low-profile design. Perfect fit for installations at 15 to 30 ft. mounting heights. With its five color trim options, you can effortlessly match the luminaire to your project and surroundings.

The Zeta 10 offers advanced glare control and delivers an impressive 8,155 lumens, making it a preferred choice for high-profile projects.

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SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

The product configurator function on this page works only with the latest version of Chrome or Adobe Acrobat Reader.

ZS10	MODEL	**ZETA 10**		
	WATTAGE	**45** 45W	**80** 80W	**100** 100W
TNW	CCT / CRI	**TNW** 2700K-6500K		
UNV	VOLTAGE	**UNV** 120-277V		
	DIMMING	**SPV** Superior 0-10V dims to 1%	**DMX** DMX dims to 0.1% (XLR Sockets)	**DMXR** DMX dims to 0.1% (RJ45 Sockets)
	BEAM ANGLE	**45** 45°	**55** 55°	
	FINISH	**BLK** Black	**WHT** White	
	TRIM FINISH	**1** Copper Color Trim **4** White Color Trim	**2** Gold Color Trim **5** Black Color Trim	**3** Silver Color Trim
	MOUNTING	**ST2** Stem 2ft **SAD10** Sloped Adjustable Cable 10ft	**ST4** Stem 4ft **WLM**[1] Wall Mount	**AD10** Adjustable Cable 10ft
	ACCESSORIES	**SPD**[2] Surge Protector **FCS** Field Cut Stem Adapter Kit	**EMP** Remote Emergency Pack	**CT**[3] Conduit Mount

CLEAR FORM

[1] *Specifying wall mount with DMX does not feature XLR or RJ45 sockets; connections are hard-wired using three DMX wires*
[2] *Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries*
[3] *CT is not compatible with WLM*
[4] *FCS is not compatible with WLM*

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TECHNICAL DETAILS

Electrical

- 3,815 lm (45W), 6,650 lm (80W), 8,155 lm (100W)
- Power Input : 120-277V
- Operating Temperature : -13°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

- ColorFlip™ Tunable White 2700K ↔ 6500K
- 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 : 45°, 55°

Advanced Dimming

- Proprietary VX Driver™ is integrated across all dimming options, delivering video flicker-free performance and full compliance with IEEE 1789.
- Superior 0-10V : Dims to 1%
- DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)

Housing

- Diameter : Ø9.4"
- Height : 18.6"
- Weight : 25 lbs
- Material : High Pressure Die-Cast Aluminum, Tempered Glass

Mounting

- Stem Mount 2ft or 4ft
- Adjustable Cable 10ft
- Sloped Adjustable Cable 10ft
- Wall Mount

Warranty

- 5-year limited warranty

Listing

- ETL Damp Location Listed
- CE
- FCC

PERFORMANCE SUMMARY*

ColorFlip™	2700K	3000K	3500K	4000K	4500K	5000K	5700K	6500K
DMX CCT Signal (%)	0%	10%	25%	45%	60%	70%	85%	100%
0-10V CCT Voltage	0	1	2.5	4.5	6	7	8.5	10
45W	3,260lm	3,440lm	3,630lm	3,780lm	3,815lm	3,750lm	3,715lm	3,685lm
80W	5,685lm	6,005lm	6,330lm	6,600lm	6,650lm	6,540lm	6,480lm	6,430lm
100W	6,970lm	7,360lm	7,760lm	8,090lm	8,155lm	8,015lm	7,945lm	7,880lm
CRI	**85**	**86**	**87**	**88**	**88**	**87**	**86**	**85**

**Lumen Multiplier 40° 60° baseline 0.92*

Current Consumption		
WATTAGE / VOLT	120V	277V
45W	0.37A	0.16A
80W	0.66A	0.28A
100W	0.83A	0.36A

Emergency Pack Lumen Output Table	
CCT	6500K
LUMEN	2,000lm

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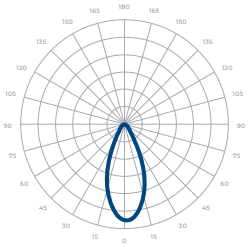
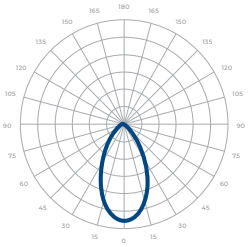
PHOTOMETRICS

Below is a typical photometric representation of the Zeta 10 fixture. Please download IES files to ensure exact photometric value.



30°



45°

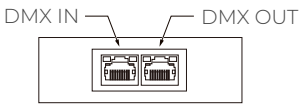
DMX REQUIREMENTS

The Zeta 10 Tunable White fixture with DMX unit has **two channels** per fixture (1 to control intensity, 1 to control color). 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.

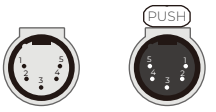
DMX Address		
Fixture	**Intensity Control (ex. X)**	**Color Control (ex. X+1)**
#1	1	2
#2	3	4
#3	5	6

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



DMX IN DMX OUT

XLR Sockets

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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.

TRIM FINISH

White Trim

Silver Trim

Gold Trim

Copper Trim

Black Trim

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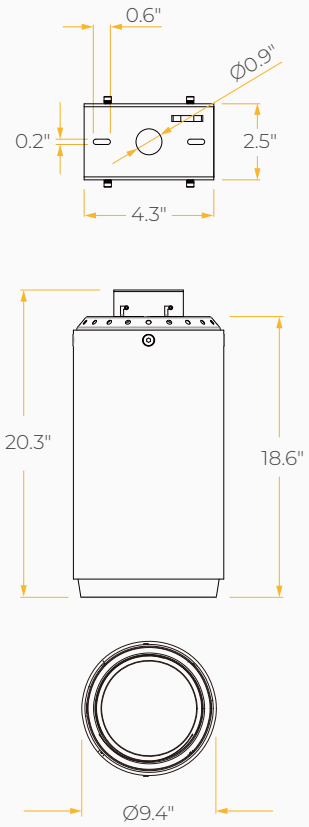
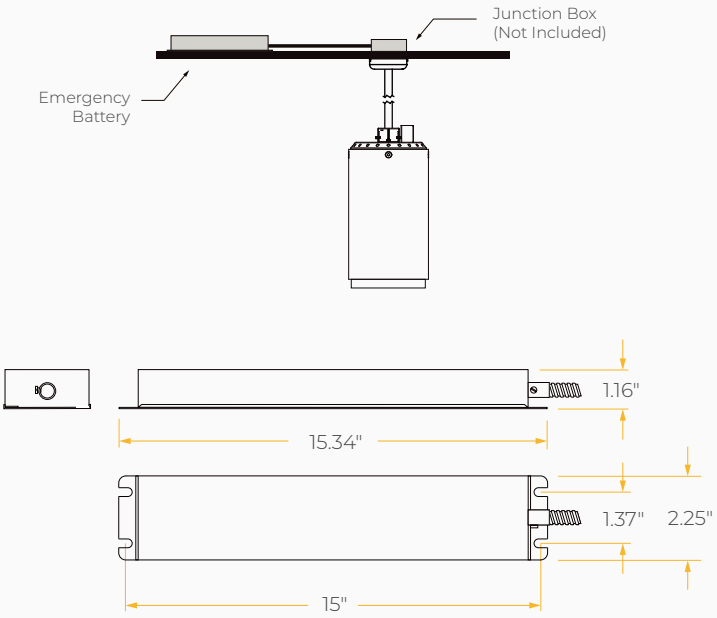
DIMENSIONS

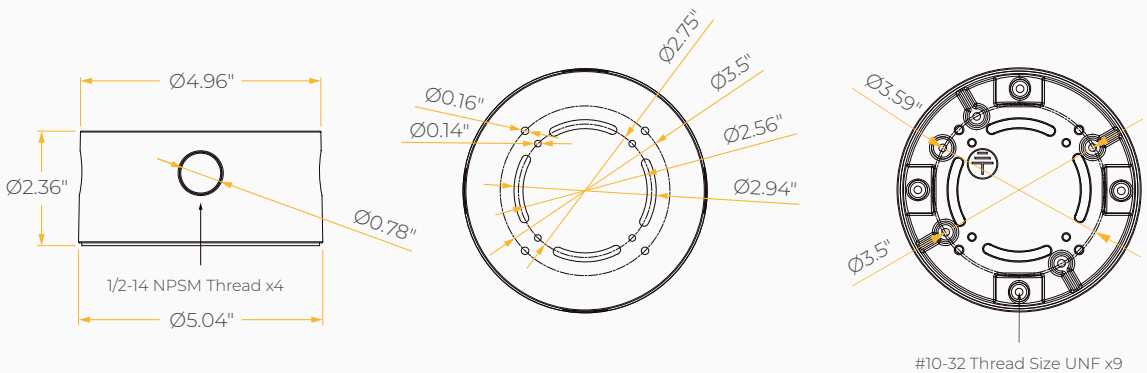


Remote Emergency Pack



DIMENSIONS

Conduit Mount



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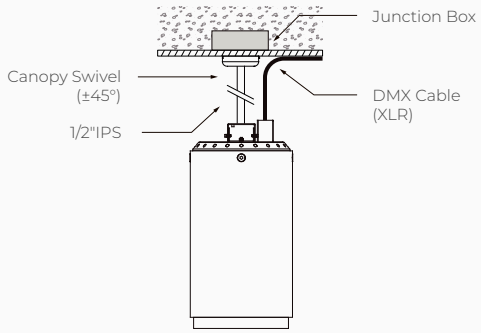
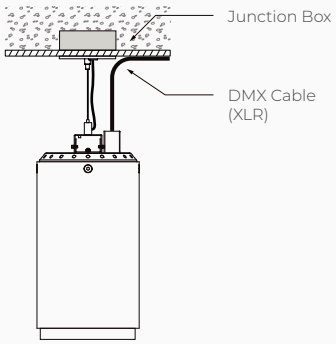
MOUNTING OPTIONS

**Junction box not included*

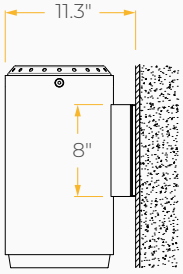
Stem Mount



Adjustable Cable



Wall Mount



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