ZETA 10

AESTHETIC 10" CYLINDER WITH VARIOUS COLOR TRIM OPTIONS

SPECIFICATION SHEET
STATIC 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
5,140 lm (45W), 8,960 lm (80W), 10,640 lm (100W)

Dimming
Standard 0-10V : Dims to 10%
Superior 0-10V : Dims to 1%
DMX : High resolution dims to 0.1%
TRC : Linear line-voltage phase control, dims to 1%
DALI : dims to 10%

Color Quality
CRI 85, CRI 93

Rated Life
> 100,000 Hours (L70)

Finish
Black, White

Trim Finish
White, Sliver, Gold, Copper, Black

Color Temperature
2700K, 3000K, 3500K, 4000K

Optics
30°, 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 10,640 lumens, making it a preferred choice for high-profile projects.

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SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

Use our online product configurator to quickly assemble fixture specifications

ZS10	MODEL	**ZETA 10**		
	WATTAGE	**45** 45W	**80** 80W	**100** 100W
	CCT / CRI	**278** 2700K / CRI 85 **309** 3000K / CRI 93 **408** 4000K / CRI 85	**279** 2700K / CRI 93 **358** 3500K / CRI 85	**308** 3000K / CRI 85 **359** 3500K / CRI 93
	VOLTAGE	**UNV** 120-277V	**120**[1] 120V	
	DIMMING	**STV** Standard 0-10V dims to 10% **DMXR** DMX dims to 0.1% (RJ45 Sockets)	**SPV** Superior 0-10V dims to 1% **TRC**[2] Linear line-voltage phase control, dims to 1%	**DMX** DMX dims to 0.1% (XLR Sockets) **DALI** DALI dims to 10%
	BEAM ANGLE	**30** 30°	**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**[3] Wall Mount	**AD10** Adjustable Cable 10ft
	ACCESSORIES	**SPD**[4] Surge Protector **FCS**[6] Field Cut Stem Adapter Kit	**EMP** Remote Emergency Pack	**CT**[5] Conduit Mount

CLEAR FORM

[1] *120V is only compatible with TRC*
[2] *TRC is not compatible with UNV, 100W*
[3] *WLM is not compatible with DMX, DMXR; connections are hard-wired using three DMX wires*
[4] *Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries*
[5] *CT is not compatible with WLM*
[6] *FCS is not compatible with AD10, SAD10, WLM*

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TECHNICAL DETAILS

Electrical

- 5,140 lm (45W), 8,960 lm (80W), 10,640 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

- Color Temperature : 2700K, 3000K, 3500K, 4000K
- CRI 85, CRI 93
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs
- Lumen Maintenance > 0.90 at 60,000 hours

Optics

- Flow Forming Aluminum Reflector
- Beam Angle : 30°, 45°, 55°

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%
- DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)
- TRC : Linear line-voltage phase control, dims to 1% (120V only)
- DALI : dims to 10%

Housing

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

Mounting

- Stem Mount 2ft or 4ft (Swivel Canopy Included)
- Adjustable Cable 10ft
- Sloped Adjustable Cable 10ft
- Wall Mount

Warranty

- 5-year limited warranty

Listing

- ETL Damp Location Listed
- CE
- FCC

PERFORMANCE SUMMARY*

Delivered Lumens				
CCT/WATTAGE	2700K	3000K	3500K	4000K
45W	4,730lm	4,880lm	5,010lm	5,140lm
80W	8,245lm	8,515lm	8,740lm	8,960lm
100W	9,790lm	10,110lm	10,375lm	10,640lm

Current Consumption		
WATTAGE / VOLT	120V	277V
45W	0.41A	0.18A
80W	0.73A	0.32A
100W	0.83A	0.36A

**Beam Angle: 45° * Tolerance ±8%*
**For specifications requiring a CRI of 93, apply a 0.75 multiplier to the lumen output values listed.*

Emergency Pack Lumen Output Table			
CCT	2700K	3000K	4000K
LUMEN	1,640lm	1,760lm	1,890lm

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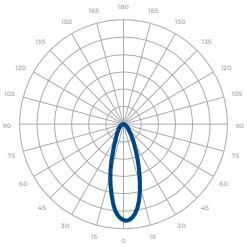
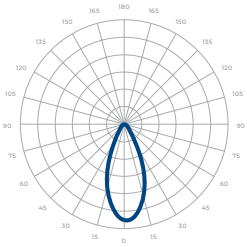
PHOTOMETRICS

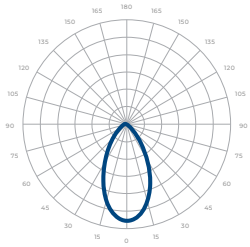
Below is a typical photometric representation of the Zeta 10 fixture. Please download IES files to ensure exact photometric value.



30°



45°



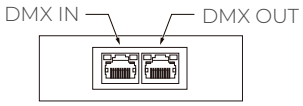
55°

DMX REQUIREMENTS

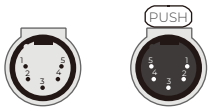
The Zeta 10 fixture with DMX is a **single channel dmx** unit. When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

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.

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COMPATIBLE TRIAC 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-	

TRIM FINISH

White Trim

Silver Trim

Gold Trim

Copper Trim

Black Trim

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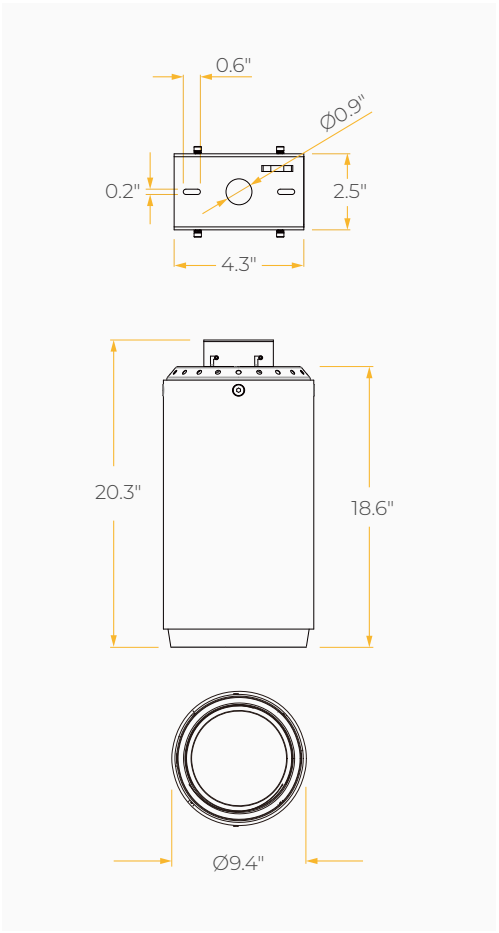
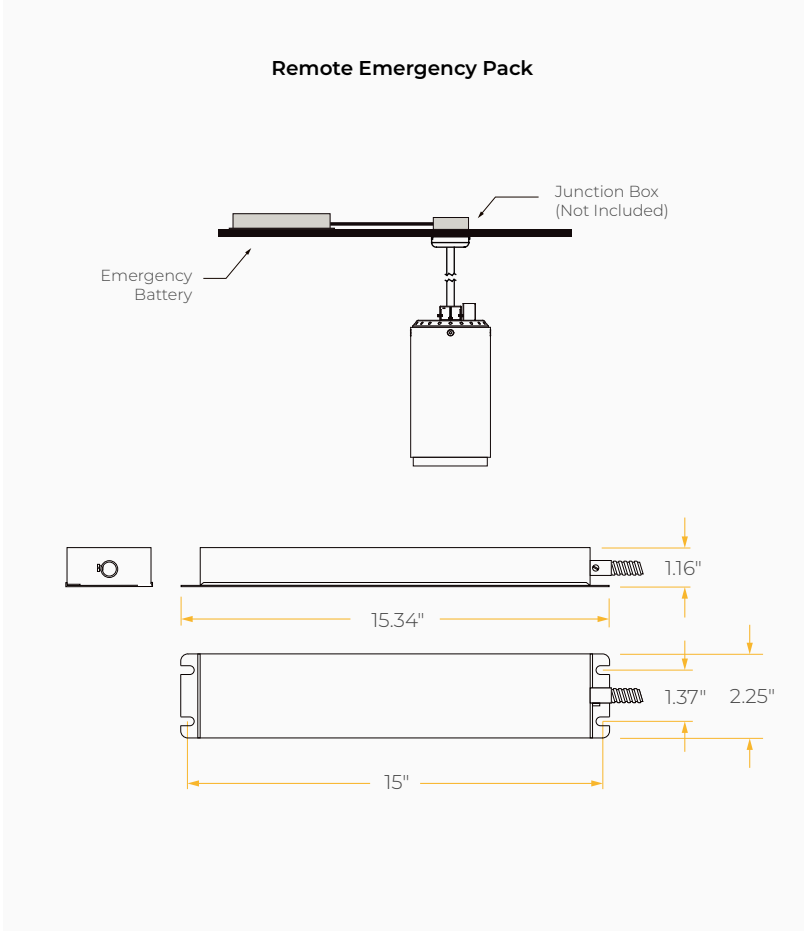
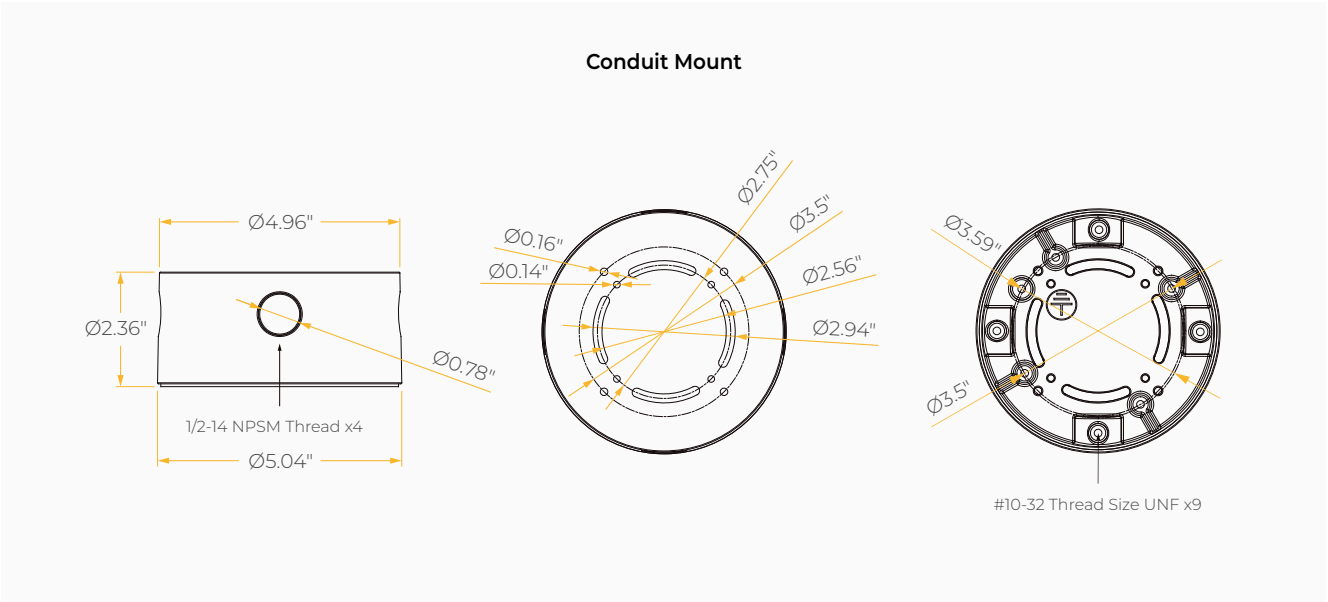
DIMENSIONS





DIMENSIONS



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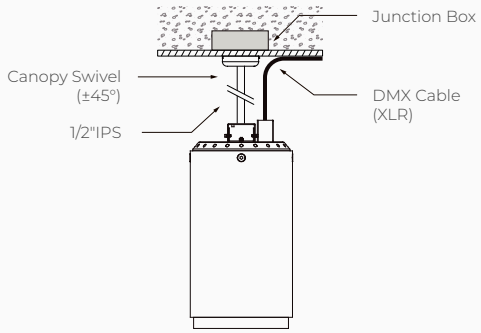
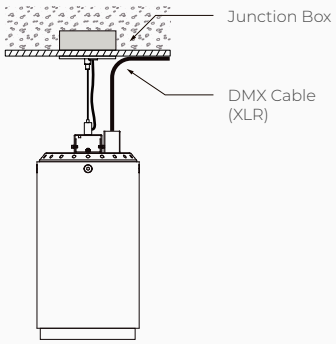
MOUNTING OPTIONS

**Junction box not included*

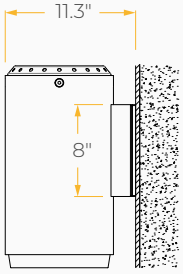
Stem Mount



Adjustable Cable



Wall Mount



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