

# Z CREDENZA

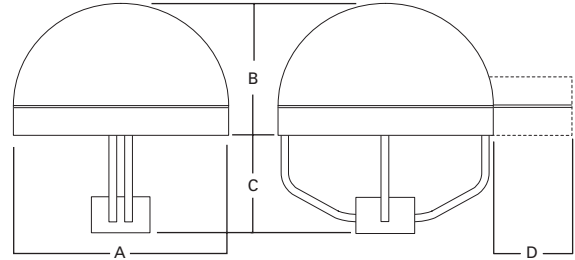
ARCHITECTURAL AREA LUMINAIRE

70-1000W  
MH/HPS/SMH



STREETWORKS™

IP55 RATED



Yoke Mount

Spider Mount / Arm Mount



NOTE: In solid top configuration only.

FIXTURE	A	B	C	D
SMALL (in.)	20 1/2	10 1/4	11	6
(mm)	521	260	279	152
MEDIUM (in.)	24	12 1/8	12 5/8	7 1/2
(mm)	610	308	321	191
LARGE (in.)	28	14 1/4	16	9
(mm)	610	362	406	229

**STRUCTURAL FRAME**

Heavy-duty, die-cast aluminum frame is the main load-bearing structure for arm, yoke or spider mountings and serves as a heat sink for cooler operation and longer ballast life. Each optional package seats within frame for precise photometric repeatability.

**HOUSING**

Spun-aluminum top is finished in polyester powder coat enamel. Round shape reduces EPA and size of poles required. ANSI wattage/source label.

**OPTICAL SYSTEM**

Credenza offers a broad selection of premium performance segmented and hydroformed optical systems designed to optimize pole spacings and curtail spill light.

**DOOR**

Die-cast aluminum door frame has concealed hinges and is flush with the bottom of the housing.

**LENS**

Thermal shock- and impact-resistant clear tempered glass.

**BALLAST ASSEMBLY**

Long life core-and-coil HID ballast is hard mounted for cooler operation. Ballast must be mounted in pole for all luminous domes.

**SOCKET**

Porcelain screw-shell socket fits mogul-base HID lamps.

**ORDERING INFORMATION**

SAMPLE NUMBER: ZAD17MWW3D

**PRODUCT FAMILY** <sup>1</sup>

- ZAD=Arm Dome
- ZSD=Spider Dome
- ZYD=Yoke Dome
- ZAG=Arm Luminous Dome <sup>2</sup>
- ZSG=Spider Luminous Dome <sup>2</sup>
- ZYG=Yoke Luminous Dome <sup>2</sup>

**LAMP**

- WATTAGE
- 70=70W <sup>3</sup>
- 10=100W <sup>3</sup>
- 15=150W <sup>3</sup>
- 17=175W
- 25=250W
- 40=400W
- 91=1000W

**LAMP TYPE** <sup>4</sup>

- S=High Pressure Sodium
- M=Metal Halide
- R=SMH

**BALLAST TYPE** <sup>4</sup>

- P=Hi. React./HPF
- W=CWA
- C=CWI
- K=10KV CWA <sup>5</sup>

**VOLTAGE** <sup>4</sup>

- 2=120V
- 0=208V
- 4=240V
- 7=277V
- 8=480V
- W=Multi-Tap wired 120V
- N=Multi-Tap wired 277V
- V=Multi-Tap wired 240V

**DISTRIBUTION** <sup>6</sup>

- 1D=Type I MCO <sup>7</sup>
- 2D=Type II MCO
- 3D=Type III MCO
- 4D=Type IV MCO
- 5D=Type V MCO <sup>7</sup>
- 2S=Type II Segmented <sup>7</sup>
- 3S=Type III Segmented <sup>7</sup>
- 4S=Type IV Segmented <sup>7</sup>
- 5S=Type V Segmented <sup>7</sup>
- SL=Spill Light Eliminator <sup>7</sup>

**OPTIONS + ACCESSORIES**

(See Below)

**OPTIONS + ACCESSORIES** [Must be listed in the order shown and separated by a dash]

**OPTIONS** (add as suffix)

- 1=Single Fused, Internally Mounted (120 or 277V)
- 2=Double Fused, Internally Mounted (208, 240, or 480V)
- WH=White
- BK=Black
- AP=Grey
- DP=Dark Platinum
- GM=Graphite Metallic
- B=House Side Shield
- P=Button Photocontrol

**ACCESSORIES** (order separately)

- MA1001=Wall Bracket for Solid Top Units <sup>8</sup>
- MA1003=Wall Bracket for Luminous Top Units <sup>9</sup>

**OPTIONAL COLORS** [Standard color is bronze, other finish colors available. Consult your Cooper Lighting representative]

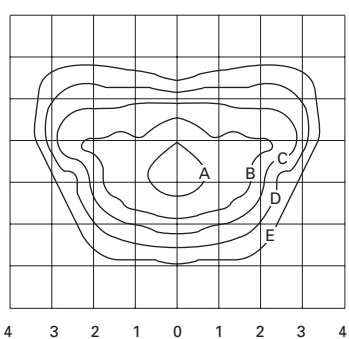


**SHIPPING DATA**

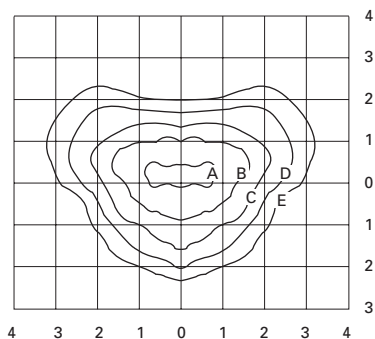
Approximate Net Weight:  
64 lbs. (29 kgs.)

NOTE: 1 Small up to 175W. Medium 250 to 400W. Large 1000W. 2 Luminous dome available in 250W maximum and designed to fit 5" poles. Luminous units only available in 120 or 277V. 3 Medium-base lamp. 4 Refer to technical section for lamp/ballast/voltage compatibility. 5 70-150W max. 6 Segmented optics available on solid top designs and small/medium housings only. Max wattage on small segmented optics is Medium Base 175W. Reduce jacket lamp required on 400W MH. 7 Not available in 1000W. 8 Available for small and medium units only. 9 Not available in 250 HPS.

PHOTOMETRICS [Complete IES files available at www.cooperlighting.com]



**ZXD40S3D.IES**  
400-Watt HPS  
50,000-Lumen Lamp  
Type III



**ZXD40M3D.IES**  
400-Watt MH  
36,000-Lumen Lamp  
Type III

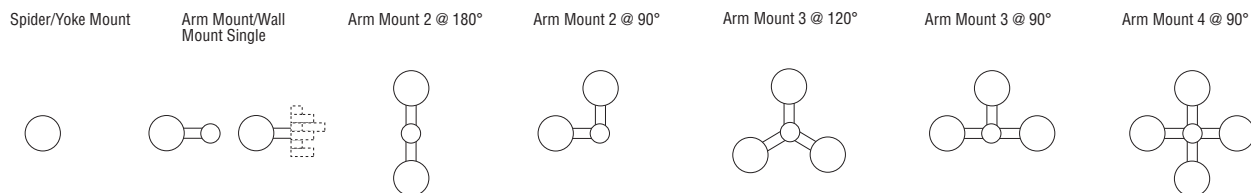
**FOOTCANDLE TABLE**

Select mounting height and read across for footcandle values of each isofootcandle line. Distance in units of Mounting Height.

Mounting Height	Footcandle Values for Isofootcandle Lines				
	A	B	C	D	E
<b>ZXD40S3D.IES</b>					
20'	11.25	4.50	2.25	1.12	0.56
25'	7.20	2.88	1.44	0.72	0.36
30'	<b>5.00</b>	<b>2.00</b>	<b>1.00</b>	<b>0.50</b>	<b>0.25</b>
35'	3.65	1.46	0.73	0.36	0.18
40'	2.80	1.12	0.56	0.28	0.14

<b>ZXD40M3D.IES</b>					
20'	11.25	4.50	2.25	1.12	0.56
25'	7.20	2.88	1.44	0.72	0.36
30'	<b>5.00</b>	<b>2.00</b>	<b>1.00</b>	<b>0.50</b>	<b>0.25</b>
35'	3.65	1.46	0.73	0.36	0.18
40'	2.80	1.12	0.56	0.28	0.14

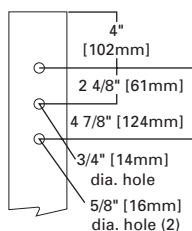
**MOUNTING CONFIGURATIONS**



E.P.A. TABLE	DRILL PATTERN	SINGLE					
		[W/Arm where applicable]	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	4 @ 90°
SMALL [Arm Mount]	"Z"	1.19	2.38	2.38	3.57	3.57	4.165
SMALL [Spider/Yoke Mount]	4" or 5"	1.13	n/a	n/a	n/a	n/a	n/a
MEDIUM [Arm Mount]	"Z"	1.7	3.4	3.4	5.1	5.1	5.95
MEDIUM [Spider/Yoke Mount]	5"	1.52	n/a	n/a	n/a	n/a	n/a
LARGE [Arm Mount]	"Z"	2.36	4.72	4.72	7.08	7.08	8.26
LARGE [Spider/Yoke Mount]	6"	2.1	n/a	n/a	n/a	n/a	n/a

**DRILLING PATTERN**

TYPE "Z"



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