![ZUMA LIGHTING logo — QUALITY OUTDOOR SOLUTIONS]

MODEL
CAMPBELL

TYPE
LED / HID AREA

SERIES
ARCHITECTURAL

ZUMALIGHTING
QUALITY OUTDOOR SOLUTIONS

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FIXTURE	SIZE	SOURCE	VOLTS	LAMP / TEMP	OPTICS	MOUNT	COLOR	OPTIONS
CBL (LED)	10 = 17" 20 = 22" 30 = 26"	20W 30W 40W 60W 80W 90W 120W 150W 160W 180W 200W 210W 240W 270W 280W 300W	U = 120v-277v 8 = 480v	2700K 3000K 4000K 5000K	T2 T3 T4 T5	A = B = C = D = E = F = G = (wall mount) **I** = post top / spider mount	DB = Dark Bronze BK = Black WH = White SL = Silver CC = Custom	M = Motion Sensor P = Photocell D = Dimming S = Surge Protection LS = Light shield CD = Custom Housing Diameter GT = Translucent Opal Acrylic Glow-Top PCL = Polycarbonate (SAG) Convex Lens ACL = Acrylic (SAG) Convex Lens
CBH (HID)	*Same as above*	HID / HPS / MH 50W C1 C2 70W E1 E2 100W H1 H2 150W J1 J2 175W • K2 250W N1 N2 400W P1 P2 1000W T1 T2	2 = 120v 0 = 208v 4 = 240v 7 = 277v 8 = 480v	L = w/ lamp N = no lamp	*Same as above*	*Same as above*	*Same as above*	P = Photocell CD = Custom Housing Diameter GT = Translucent Opal Acrylic Glow-Top
CBI (INCANDESCENT)	*Same as above*	*Mogul base socket lens supplied by others*	2 = 120v	N = no lamp	T3 T5	*Same as above*	*Same as above*	P = Photocell CD = Custom Housing Diameter GT = Translucent Opal Acrylic Glow-Top PCL = Polycarbonate (SAG) Convex Lens ACL = Acrylic (SAG) Convex Lens

Electrical Components

LED: EncapLED, an IP66-rated ETL and DLC listed LED module system, combines optics and heat sink into one configurable unit which give precise light distribution. Available in types II, III, IV & V. It allows us to do 10w., 30w. & 40w. increment adjustment on light output. The module achieves 110-120 lm/w efficacy with LUXEON LUMILEDS TX CHIPS. Beside maximizing heat dissipation surface, we also utilize convection-based heat management which creates additional air flow around each chip. Unlike a big metal heat sink where the temperature for the chips in the middle is higher than the rest, the heat of each EncapLED chip gets dissipated evenly. A better heat dissipation design keeps the junction temperature low and ultimately prolongs the life of the LED chips. Our modules are available in any of our fixture designs, as well as in a simple retro-fit kit form for existing fixtures.

HID: All ballasts are CWA/HPF regulating auto-transformers, available in HPS and Pulse-Start MH. Starting temperature for HPS is -40ºF, and MH starts at -20ºF. Maximum wattage is 1000W. If no specific voltage is specified and multi-tap is given, fixture will be wired at 277V as the default

Dimensions
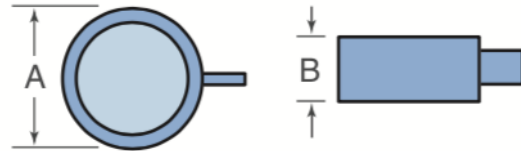
	Size = 10	Size = 20	Size = 30
A	17"	22"	26"
B	8"	13"	13.5"
EPA	1.1	1.6	2.0

Housing

Weathertight unit spun from one-piece aluminum .080" thick, with concealed hinge. Features a .125" ballast plate and a .250" reinforcing plate for arm attachment.

Fixture Arm

A fixed bolt-on arm 6"x2"x10" long is standard. Two 3/8" bolts with nuts & washers are provided. The fixed-arm Campbell is also available with the super-fast Easy Mount slip-fit hanger arm. Post-top fixtures are available in yoke-mount style.

Finish

Thermoset polyester oven-baked powder coat, in any standard color. Custom colors are available to your specification.

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