



**ZUMALIGHTING**  
QUALITY OUTDOOR SOLUTIONS



MODEL  
**BELGRADE**

TYPE  
**LED**


SERIES  
**WALL & CEILING**

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# ORDERING INFORMATION

<b>Model</b> BELGRADE
<b>Type</b> LED
<b>Series</b> WALL & CEILING



FIXTURE	WATTAGE	VOLTS	COLOR TEMP	OPTICS	MOUNT	COLOR	OPTIONS
BEL	23W 47W	U = 120v-277v H = 347-480v	4K = 4000K 5K = 5000K	T3 T5	G =  (wall mount)	DB = Dark Bronze  CC = Custom	SF = Single Fuse (120v-277v only)  DF = Double Fuse (120v-277v only)  SP = Surge Protection  BU = Battery Backup, 90 Minutes



# SPECIFICATIONS

## Belgrade Overview

The Belgrade cut-off architectural wall-mounted fixture is available with a Type III or V distribution designed to replace HID lighting systems from 150w to 250 MH or HPS. Typical wall mounted lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 12 to 20 feet can be used based on light level and uniformity requirements.

## Housing

Die cast aluminum housing with full cutoff front frame. Nickel-plated stainless steel hardware.

## Listing & Ratings

CSA Listed for wet locations, ANSI/UL 1598, 8750; IP65 Sealed LED Compartment. Meets Dark Sky requirements.

## Finish

Textured architectural bronze powder coat finish over a chromate conversion coating. Custom colors available upon request.

## Lens

Tempered clear flat glass lens.

## Mounting Options

Mount directly over a 4" recessed outlet box, includes easy-hang 'two hands free' wall mounting bracket with built-in level.

## Wattage

23w: Array: 26w, System: 26w (150w HID Equivalent)  
47w: Array: 46.5w, System: 52w (250w HID Equivalent)

## Driver

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection is 2kV for 23w, 6kV for 47w and higher wattage. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

## Controls

Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with LEPG Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

## Warranty

5-Year warranty for -40° to +50°C environment.

## Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI					4000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
BEL-23W	525	26	Type III	2,467	95	1	1	1	2,258	87	1	1	1
			Type V	2,615	101	1	1	0	2,393	92	1	1	0
BEL-47W		52	Type III	5,042	97	1	1	1	4,613	89	1	1	1
			Type V	5,344	103	2	1	0	4,890	94	2	1	0

## Dimensions

Dimensions	
<b>Width (D)</b>	18 <sup>1</sup> / <sub>8</sub> " (460mm)
<b>Length (B)</b>	9 <sup>1</sup> / <sub>16</sub> " (229mm)
<b>Height (A)</b>	9 <sup>3</sup> / <sub>16</sub> " (233mm)

