



# Pinnacle WLCX/WLPCX Series

Wet Location, Vandal Resistant LED Exit



PROJECT: \_\_\_\_\_  
 FIXTURE TYPE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 CONTACT/PHONE: \_\_\_\_\_



## SELF-DIAGNOSTIC STANDARD ON ALL BATTERY MODELS

### SPECIFICATIONS: INTERNAL

The WLCX/WLPCX has a 120/277V input. The maintenance-free, sealed nickel-cadmium batteries provide a minimum 90 minutes of emergency duration. Optional 120 minutes duration battery is available. Solid state charger, self-diagnostics, and transfer are standard on the battery backup units. The WLPCX version comes standard with self-diagnostics (must specify SD in the nomenclature) and an external LED status indicator and test switch.

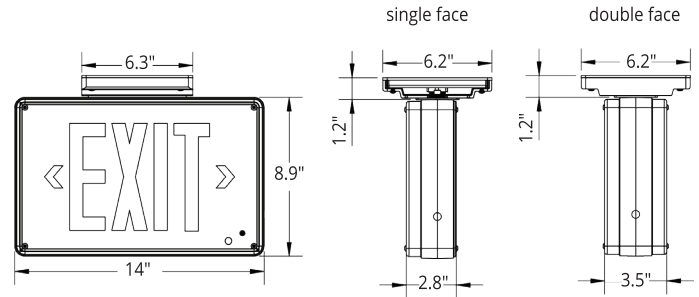
### SPECIFICATIONS: EXTERNAL

The WLCX/WLPCX is now more compact and constructed from 0.42" thick, heavy-duty cast aluminum. The face plates are protected by high abuse clear polycarbonate, which is recessed into the housing. Tamper resistant screws are standard. The WLCX/WLPCX comes in standard black finish (face and housing), white and NSF paint are optional. Single, double or universal face versions must be specified.

### KEY FEATURES

- Slimmer, low-profile cast aluminum housing
- NSF certified for food-safe environments
- NEMA 4X rated for moisture / corrosion resistance
- Vandal resistant for high abuse applications, including correctional facilities, schools, apartment complexes, parking garages and public areas
- Low temperature option down to -40°C

### DIMENSIONS



### CERTIFICATIONS

UL 924, CEC Title 20, NEMA 4X, IP66, IK10, NSF/ ANSI 169 for Splash and Non-Food zones



### ORDERING INFORMATION

Model	Faces	Letter	Housing Color	Mounting	Options
WLCX = AC Only	1 = Single	R= Red	B* = Black housing/black face	U = Universal (standard)	SD <sup>1</sup> = Self-Diagnostics
WLPCX = Battery Back-up	2 = Double	G = Green	W = White housing/white face		120SA = 120 minute emergency
	U = Universal				2CK = dual-circuit - HT only
					FAI <sup>2</sup> = fire alarm interface
					FL <sup>3</sup> = flashing alarm
					IH <sup>3</sup> = internal heater
					LT <sup>4</sup> = low temperature to -40°C
					NSF <sup>5</sup> = NSF certified
					PK <sup>6</sup> = pendant ready
					SW = special wording- specify
					UDC = 6-24VDC input

#### Accessories

- IPKxBWET<sup>7</sup> (single pendant kit, black, x=length) BPG2 (wire guard, 14" X 10" X 4.75")  
 IPKxWWET<sup>7</sup> (single pendant kit, white, x=length) WG 6DX16.5LX14W WHT (wire guard, white)

\*Black is standard on the WLCX/WLPCX (If no color option is selected, item will ship as standard)  
 NOTE 1: SD comes standard (WLPCX units only) and must be included in the nomenclature; SD is not available for WLCX models  
 NOTE 2: Available for WLPCX; Specify type of fire alarm signal: normally open, normally closed or 6, 12, 24VDC (specify voltage used)  
 NOTE 3: Available for WLPCX models; specify input voltage  
 NOTE 4: Available for WLPCX models, 120V only  
 NOTE 5: NSF Certified models: WLCX and WLPCX (only Black and White options)  
 NOTE 6: Pendant mount requires pendant ready option and pendant stem accessory (must use canopy to maintain IP66 rating)  
 NOTE 7: Standard pendant lengths "x" = 12 (12"), 24 (24"), 48 (48"), consult factory for non-standard lengths

Ordering Example: WLPCX-1-R-B-U-SD-NSF



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### ELECTRICAL

**BATTERY:** The WLPCX is designed with a maintenance free, sealed nickel-cadmium battery providing a minimum emergency duration of 90 minutes. Optional 120 minute nickel-cadmium batteries are available. Recharge time of the battery is twenty-four [24] hours. The maximum battery operating temperature is +45°C and the minimum is +10°C without the internal heater/thermostat option. With the internal heater/thermostat (IH) option, the minimum operating temperature is -20°C. The low temperature (LT) option reduces the minimum operating temperature to -40°C.

**CIRCUIT:** The WLCX/WLPCX is configured with high output LEDs lamps. LED is standard with 120/277V input. All LED versions consume less than 2 watts nominal power. The charger also has brownout and short circuit protection.

### MECHANICAL

The WLCX/WLPCX is constructed of extra heavy-duty cast aluminum with a 1/8" thick polycarbonate protective shield. Tamper resistant screws are standard. Field adjustable chevrons are standard. The WLCX/WLPCX is standard in an attractive matte black finish. Optional white and NSF paints are available. The polycarbonate face shield is recessed into the housing making the WLCX/WLPCX one of the most rigid, yet attractive high abuse signs on the market.

### INSTALLATION

The WLCX/WLPCX is supplied with a versatile universal mounting canopy that allows for on-site choice of wall, ceiling or end mounting. Suitable for indoor, outdoor, damp or wet location applications.

### SELF DIAGNOSTICS

The WLPCX is configured standard with the Mule self diagnostic system, featuring continuous monitoring of the unit's main components (battery, charger, transformer & LEDs) and providing instant visual verification of the status. Although autotest is standard and required for all WLPCX models, SD (self-diagnostic) must be added in the nomenclature.

### VANDAL RESISTANT DESIGN

The heavy duty design and low profile of the WLCX/WLPCX exit warns potential vandals that this is no regular sign. The stencil is protected by a 1/8" thick, impact resistant polycarbonate shield that is recessed into the housing and fastened with 4 tamper resistant screws. The WLCX/WLPCX offers a contemporary look and durability like no other.

### BATTERY BACKUP

The WLPCX series is designed to operate on battery power in the event of a power failure. Both battery and charger are completely contained within the standard enclosure. The WLPCX series utilizes a solid state transfer technology that eliminates the possibility of relay failure due to particle build up on the relay. Status is easily determined via an LED that indicates AC-ON.

### WARRANTY

The WLCX/WLPCX comes with a 5-year factory warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.