# GENERAL DESCRIPTION

* 1. The unit shall be a vandal-resistant communications device that is a multi-functional, freestanding pedestal constructed of carbon steel, model CB RT from Code Blue Corporation, no substitutions. It shall include a high quality, hands-free communications device illuminated by a high intensity faceplate light and a powerful combination blue beacon/strobe light that serves to easily identify it from a distance.

# CONSTRUCTION

* 1. The unit shall be a rectangle constructed of A36 carbon steel, 10” W x 8” D, 0.1875” thick wall, at a height of 108” and weigh approximately 225 lbs.
	2. The unit shall have an internal anchor base plate that is MIG welded 2” above the base and fabricated with a minimum of 0.50” thick A-36 grade steel plate. It shall have a center hole for electrical conduit access. The base plate shall have four oblong holes on a circular bolt pattern for attachment.
	3. An access door measuring 15.88” H x 7.88” W will be placed 10.56” from the bottom of the base to provide access for mounting to the anchor bolts and connectivity to electrical facilities. The opening shall have a cover plate, which mounts flush and is the same steel as the unit. The cover plate shall fit into the opening and have a weather-resistant gasket. The cover plate shall be held in place by two ¼-20 x 1” countersunk proprietary fasteners.
	4. Tamper resistant proprietary fasteners manufactured for Code Blue Corporation shall be used. It shall not be possible to acquire the custom-designed bit from any other source.
	5. A recessed opening shall be cut at a point beginning 37.38” above the bottom of the unit.
		1. The opening shall be enclosed by a steel plate with a single opening for a communication device.

# MOUNTING

* 1. The unit shall be mounted onto four anchor bolts that are set 0.50” above the concrete. Standard 0.75” x 24” galvanized steel anchor bolts, nuts and washers shall be supplied.
	2. The concrete foundation shall measure 24” x 24” minimum and the anchor bolts shall protrude 6” from the foundation.

# ELECTRICAL

* 1. All electrical components shall have a modular plug for easy service and replacement, and will be equipped with a fuse for protection from transient voltage conditions.
	2. Requires 1 ampere at 24V AC.
	3. Voltage options shall include: 12-24V AC/DC; 120, 240 and 277V AC.
	4. The unit shall have the option for Power over Ethernet for connectivity to a VoIP network switch with 802.3af or 802.3at (minimum) capabilities. Requires the LS1000 or IP5000 phone for connectivity to ToolVox or SIP/IAX2 compatible VoIP system.

# LIGHTS

* 1. LED Beacon/Strobe: It shall have a rating of no less than 270 Lumens/92 candela, a factory-set flash rate of up to 375 flashes per minute and be programmable. A deep blue UV-rated polycarbonate prismatic refractor shall surround the LED Beacon/Strobe and be used to distribute the light in a horizontal pattern for maximum brightness and visibility.
		1. The communication device shall be factory programmed to activate the LED Beacon/Strobe for the duration of a call.
		2. The LED Beacon/Strobe shall be 5.10” tall and 5.50” in diameter.
	2. Faceplate light: LED will direct light onto the communications device and be vandal resistant.
		1. The opening shall measure 4.50” W x .50” H.
		2. The light shall have a lifetime of 100,000 hours and a rating of 100 Lumens.

# COMMUNICATIONS

* 1. The unit shall have a speakerphone communication device.
		1. LS1000/LS2000 – VoIP: Refer to the ***LS1000 and LS2000 Architect and Engineering Specification*** for further information.
		2. IP5000 - VoIP: Refer to the ***IP5000 Architect and Engineering Specification*** for further information.
		3. IA4100 - Analog: Refer to the ***IA4100 Architect and Engineering Specification*** for further information.
	2. EIA/TIA, ANSI, CSA and BICSI cabling or similar standards shall be adhered to for proper operation of devices connected to copper or fiber infrastructure.

# FINISH

* 1. The unit shall come with a standard Safety Blue powder coat finish.
		1. Optional four-coat wet paint process, with zinc-rich primer for corrosion resistance and baked-on polyurethane enamel for maximum gloss and shine.
		2. Optional clear coating process available to provide additional environmental protection.

# COMPLIANCE

* 1. Americans with Disabilities Act (ADA) compliant
	2. UL 2017 compliant
	3. Meets NEMA 4 requirements

# GRAPHICS

* 1. Engineering grade reflective vinyl for high visibility and legibility.
	2. Standard 3.25” tall and 30” long graphics text offerings: Emergency, Assistance.
	3. Standard graphics color offering: Reflective White.
	4. Custom text, length and color options shall be available.

# WARRANTY

* 1. The CB RT shall be warrantied against any defects in material and workmanship, under normal use, for a period of 2 years from date of installation. If system is found by manufacturer to be defective within the warranty period, manufacturer shall repair and/or replace any defective parts, provided the equipment is returned to manufacturer.

# MANUFACTURER

* 1. The Manufacturer shall be Code Blue Corporation. 800-205-7186, 259 Hedcor Street, Holland, Michigan 49423. www.codeblue.com. THERE ARE NO EQUIVALENTS.