PHANTOM™ Series

100% Recessed Emergency Lighting

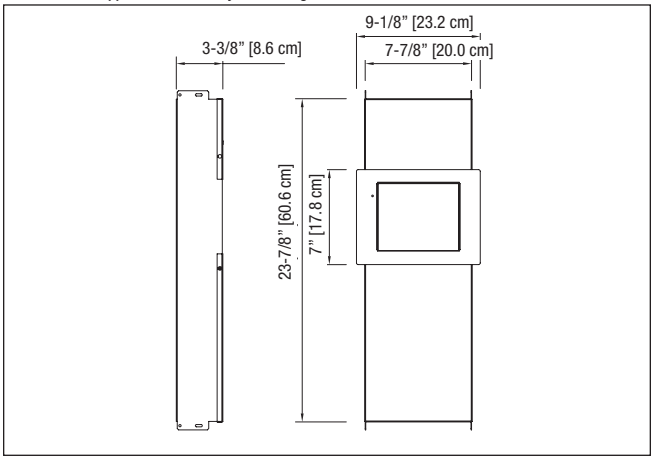
Made in Canada

FEATURES

- Door flips 180° when AC fails
- Fully automatic operation – brown-out sensitive transfer circuit automatically goes to emergency lighting mode and, when the power is restored or at the end of battery discharge, the motor turns the door back to its original closed mode
- Customized finish – Off-white, but can be painted or wallpapered on site to match existing decor
- Heavy-duty back-box – made of heavy-duty, galvanized steel
- High-performance lighting – includes two 12V LED lamps; 4W, 5W and 6W
- Patent-pending design
- Auto-testing capabilities (specific load requirements)
- Meets or exceeds CSA 22.2 No.141-15
  See warranty details at: www.tnb.ca/en/brands/lumacell

DIMENSIONS

Dimensions are approximate and subject to change.



POWER CONSUMPTION

MODEL	AC ASPECS		WATTAGE CAPACITY				
			30MIN	1H00	1H30	2H00	4H00
PH75	120/347 VAC	0.25/0.09 A	75	40	30	24	15
PH150			150	80	60	48	30

TYPICAL SPECIFICATIONS

Supply and install **Lumacell® Phantom™ Series**. The unit shall be designed to be concealed in walls or ceilings with a cavity, including T-bar suspended ceilings. Bar hanger brackets shall be provided with the Self-Powered unit. The unit equipment shall come standard with a metal back box containing the batteries, the lamp assembly and a charging circuitry. The back box shall be constructed of heavy-duty galvanized steel. The unit components: battery assembly, charger circuitry and lamp assembly shall have a modular design and come standard with quick connect plugs for easy installation in the back box.

The unit equipment shall be completely concealed in the wall or ceiling during normal power conditions. Upon a power failure the unit will expose the emergency heads by rotating its door 180° and then power the lamps. At the restoration of the AC power or at the end of the battery discharge, the lamps will turn off and the unit will retract the heads in the wall (ceiling) by rotating the door by 180°. Under normal conditions, the only visible parts of the unit shall be the flat door and trim plate, coated with a high-quality off-white finish that can be customized on site with paint or other suitable wall covering. The light source shall be LED lamps of specified wattage and light output. The unit shall supply the rated load for a minimum of 30 minutes or until the battery is discharged to 87-1/2% of its nominal voltage (whichever duration is longer). The charger circuitry shall utilize a micro-controller IC that samples the battery in relation to the ambient temperature, state of charge, and input voltage fluctuations. The charger shall be current limited, temperature compensated, short-circuit proof, and reverse-polarity protected. The circuit will charge in accordance with the CSA C22.2 – 141 requirements. The unit shall be furnished with a recessed, illuminated push button serving as test switch and status indicator light.

When specified, the unit shall come complete with the **Lumacell®** of auto-test micro-controller circuitry that will ensure the equipment readiness and reliability by continuously monitoring every critical function of the unit. If a problem occurs, the pilot light located on the front of the unit, will change color from green to red and will flash indicating a fault. A detailed diagnostic legend shall be available on the door back side and shall provide fault identification (battery, charger circuitry, lamps) for the maintenance personnel. The auto-test shall simulate a power loss for one minute monthly, 10 minutes every sixth months, and a full 30-minute test every 12 months.

The Unit shall be CSA 22.2 No.141-15 certified.

The equipment shall be **Lumacell®** model: _____.

REPLACEMENT LAMPS

MODEL	VOLTAGE/WATTAGE
580.0093-L	12V-4W LED
580.0104-L	12V-5W LED
580.0106-L	12V-6W LED

IN THE SAME FAMILY:

- PHANTOM™ Series Remote Fixtures

ORDERING INFORMATION

SERIES	UNIT CAPACITY	LAMP WATTAGE	VOLTAGE	OPTIONS
PH	**75**= 12V-75W, Lead-Acid **150**= 12V-150W, Lead-Acid	**LD7**= MR16 LED, 2X4W **LD9**= MR16 LED, 2X5W **LD10**= MR16 LED, 2X6W	**Blank**= 120/347VAC **ZC**= 120/277VAC	**AT**= auto-test* **ATN**= auto-test, non-audible* **T3**= time delay (15 minutes) * Minimum lamp load required: 20% of unit capacity.

EXAMPLE: PH150LD7AT