STANPRO

Project: _____   Type: _____

Drawn by: _____   Catalogue #: _____   Date: _____

Series Spec Sheet

CEREBRUM
SMART EMERGENCY LIGHTING

The CEREBRUM system is an innovative solution to emergency lighting with its advanced features in a simple layout and cost-effective installation. This is an all-in-one solution that handles Normally ON, Normally OFF, and communication with the same pair of wires. CEREBRUM is connected to the internet via an Ethernet cable and can be controlled through the app or web from anywhere in the world. It is thus possible to control more than one unit within a single building, as well as manage multiple buildings remotely from a single access point. Furthermore, only one point of maintenance is needed since it is now possible to daisy-chain your Running Man signs and remote lights back to your centralized CEREBRUM battery unit. The auto-test feature allows testing of your emergency system to the fire code of Canada's requirements. All tests and changes to the system are logged. Reports are automatically sent via email for effective maintenance.

FEATURES AND SPECIFICATIONS

- **Circuitry**
  - 120/277/347 VAC input, field selectable
  - 24 VDC output
  - 144 W maximum evenly split across 6 inputs (channels) not exceeding 54 W per input (channel)
  - 2 DC terminal blocks per input (channel)
  - Wattage capacity of 144 W maximum for 30 and 60 min emergency power duration standard
  - Extra battery pack can be added for more duration
  - Fully automatic, current limited charger
  - High performance battery
  - Programmable auto-test
  - Ethernet port
  - TFT display
  - 4 operations buttons

- **Mechanical**
  - Steel construction
  - Black powder coat finish comes standard
  - 3 keyholes for wall mount
  - 19 knockouts of 20mm for easy wiring
  - Conduit entry knockouts

- **Compatible devices**
  - Signs: RMS, RMXL, RMQ, RMV, RMPS, RMEA, RMR, RMRN
  - Remote: N, SWN, M, S, SMC2W (single or double head), SRC, SRCR (single head)

- **Approvals**
  - Certified CSA to C22.2 #141-15

ICES 005

ETL Listed — Intertek

OVERVIEW

Light source	LED
Input voltage (VAC)	120, 277, 347
Wattage capacity (W)	144
Max. channels	6
Max. connected devices	120

For complete warranty details, please see our terms and conditions on our website.

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CEREBRUM SYSTEM FEATURES

Cerebrum is a centralized, web-connected emergency lighting system designed for precision, convenience, and compliance. It enables detailed unit-level monitoring, remote management, and automated testing—ensuring safety and code adherence with minimal effort.

MONITORING

Quickly identify which specific unit (sign or remote) is offline or requires maintenance—right down to the circuit level.

REMOTE ACCESS

Control and monitor systems from anywhere in the world using the web app.
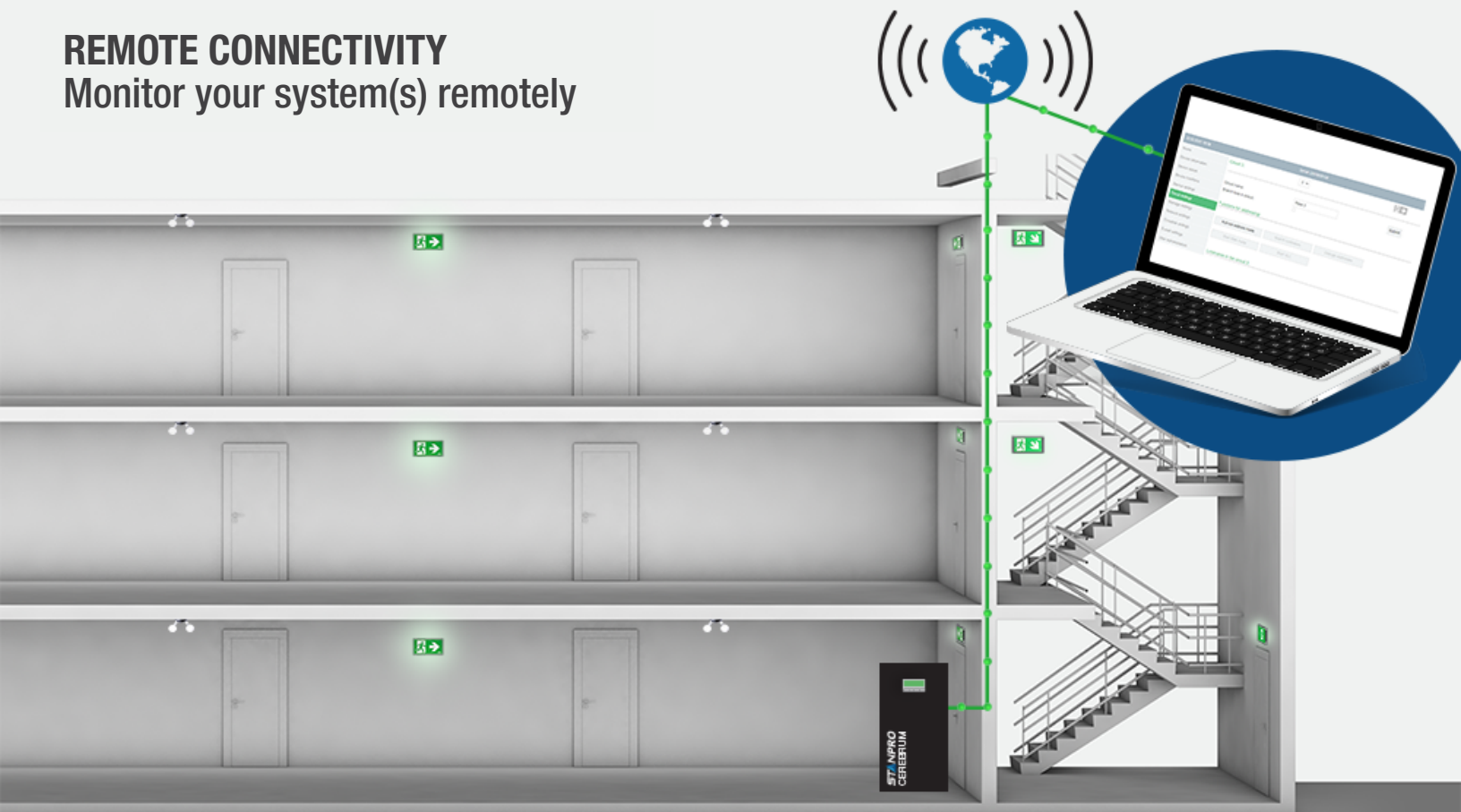
TESTING & COMPLIANCE

Automatically perform code-required emergency lighting tests based on the **National Fire Code of Canada**.

REPORTING

View detailed maintenance reports and receive real-time error alerts.

REMOTE CONNECTIVITY
Monitor your system(s) remotely

CEREBRUM

ORDERING GUIDE

Part number	Volts (VDC)	Watts (W)	Light source	Input volts (VAC)	Color
CEREBRUM-6	24	144 (1 hour)	LED	120/277/347	Black

ADD-ON

Part number	Description
CER-6-BATT	Battery pack and cabinet extension for Cerebrum (order separately)

ACCESSORY

Part number	Type
CER-ZONE6	CEREBRUM ZONE SENSE 6 IN 1 OUT AC GY

MODEL RATINGS[1]

	60 min	120 min	180 min	720 min
CEREBRUM-6	144 W	96 W	60 W	24 W
CEREBRUM-6 + CER-6-BATT[2]	180 W	180 W	180 W	72 W

[1] Consult your representative for more details
[2] Power supply limited to 180 W

DIMENSIONS
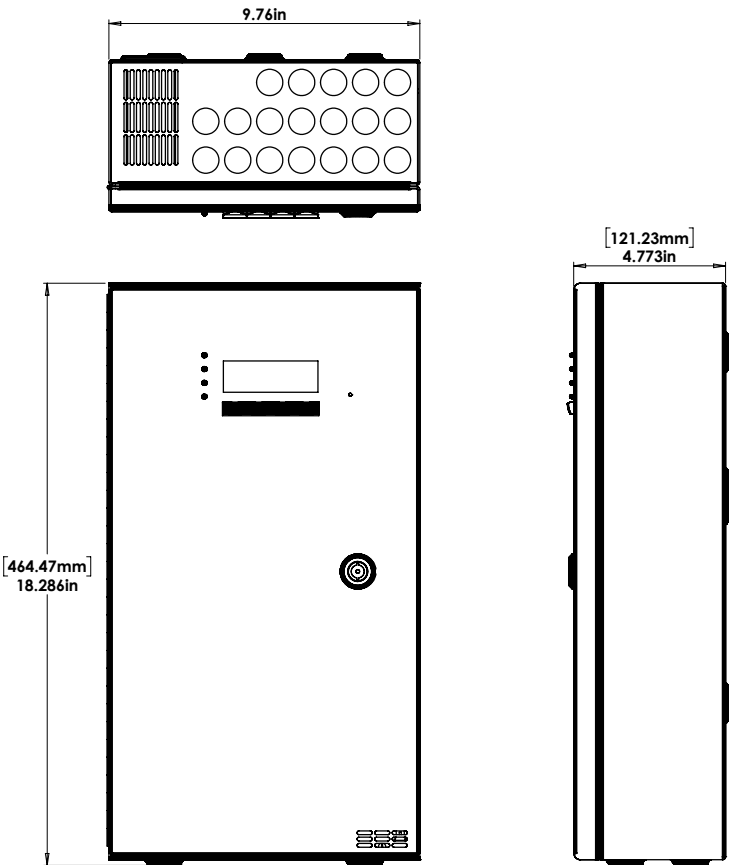
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.
All products are subject to change or may be discontinued any time without notice.