

## ESC Series

Steel pictogram combination unit



### Features

- Universal mounting: end, wall or ceiling
- Long-life white LED light sources is warranted for 10 years
- Sealed, maintenance-free, 6V or 12V Lead-Calcium battery
- Remote load capacity: 80W up to 560' of egress illumination when using LED remote heads
- Meets or exceeds CSA 22.2 No.141-15
- Advanced diagnostics capabilities (specific load requirements)
- **Warranty details at: [www.tnb.ca/en/brands/emergi-lite](http://www.tnb.ca/en/brands/emergi-lite)**

nexus Nexus®Pro    Made in Canada

### Typical specifications

Supply and install **Emergi-Lite® ESC Series** combination emergency light battery unit and pictogram sign. The unit shall be made of solid steel sheet metal and be suitable for universal mounting: wall, end, or ceiling. The legend housing shall have a maximum depth of 2-1/8". The legend face plate(s) shall be constructed of robust clear polycarbonate panel(s) with an opaque border coloured factorywhite.

The light source shall be white light-emitting diodes (LED) and shall provide even illumination in normal and emergency operation. The power pack shall include one circuit board with test switch and pilot light for battery charger and legend LED driver. The unit shall include one 6V, maintenance-free, sealed Lead-Calcium battery and shall provide minimum 30 minutes of emergency lighting upon AC power failure. The electrical power available for emergency lights shall be 28W or up to 72W, for 6V and 50W or up to 80W for 12V, as specified. The emergency heads shall require no tools to adjust and aim. The equipment shall meet or exceed the requirements of CSA 22.2 No.141-15 standard.

The equipment shall be **Emergi-Lite®** Model: \_\_\_\_\_

### Wire guards

Ordering code	Description
460.0081-E	Wall mount
460.0060-E	Ceiling mount

### Power consumption and unit rating

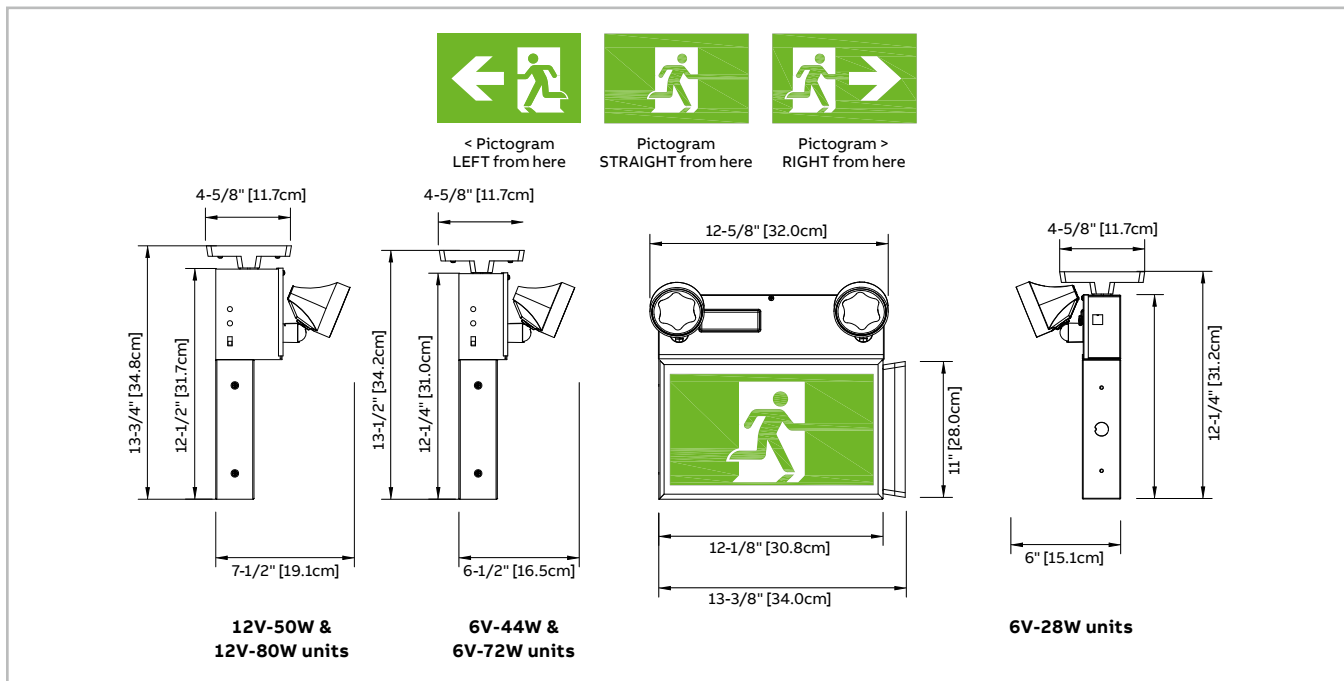
Model	AC specs	Emergency power available for lamps				
		30 min	1H00	1H30	2H00	4H00
Pictogram module	Less than 1.5W	-	-	-	-	-
ESC28	120/347VAC	28	16	12	9	-
ESC44		44	26	18	15	7
ESC-1250		50	29	21	16	8
ESC-1280		80	46	32	27	13
		0.25/0.09 A				

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### Steel pictogram combination unit

#### Dimensions

Dimensions are approximate and subject to change.



#### Ordering information

Series	Power em. lights	Colour	Heads	Head style/wattage	Voltage	Options
ESC= pictogram steel combo exit sign	28= 6V-28W	B= black	Blank= no heads	Blank= no heads	Blank= 120/347VAC	D3= time delay (15 minutes)
	44= 6V-44W	W= factory white	1= one head	LA= MR16 LED, 6V-4W	-2= 120/277VAC input	D4= arrow down 45°
	1250= 12V-50W 1280= 12V-80W		2= two heads	LB= MR16 LED, 6V-5W LG= MR16 LED, 12V-4W LI= MR16 LED, 12V-5W LJ= MR16 LED, 12V-6W		D9= arrow down DF= double face sign NEX= NEXUS® system interface <sup>1</sup> NEXP= NEXUS®Pro IoT <sup>1</sup> NEXRF= wireless NEXUS® system interface <sup>1</sup>
						-TP= tamper-proof screws <sup>2</sup> U= auto-diagnostics <sup>1</sup> U9= arrow up U4= arrow up 45° UN= auto-diagnostics, non audible <sup>1</sup>

Example: ESC28W2LA

<sup>1</sup>Minimum lamp load required: 20% of unit capacity  
<sup>2</sup>990.0119-E= tamper-proof bit (sold separately)