Emergency Lighting Control
For Use With Series CBS Central Battery System for Emergency Lighting

GENERAL DESCRIPTION
ELC converts an LED luminaire to emergency lighting operation, powered from a Signtex central battery system. Constant power output is factory adjustable to optimize emergency illumination level and fixtures may be on, off, switched or dimmed in normal mode without affecting emergency operation. General lighting fixtures with ELC may be combined with MOONLITE LED™ emergency luminaires and exits in the central battery system, as required.

Typical applications for Type P2 may include 2 x 2 or 2 x 4 LED flat panel or other lay-in designs, with normal power ranging from 10W to 70 watts or more.

All Signtex central battery systems Series CBL and CBM include fully automatic self-test, self-diagnostics. Series CBM includes the MARS™ Monitoring and Reporting System which provides cloud-based internet communication and fault reports delivered automatically via email for all components of the emergency system.

CONSTRUCTION & OPERATION
• Factory or field installable in the Fire and Electrical Enclosure of listed fixtures.
• Normal lighting operation is not affected by ELC operation.
• Compatible with all types of dimming and lighting controls.
• Standard mount= Hi temp VHB DF tape. Optional flange for screw mount.

ELECTRICAL
• Input 24 VDC.
• Constant emergency power output is factory adjustable from 5W to 24W (see option HP).
• Output voltage auto sensing range up to 41V.
• Adjustable emergency lumen output allows optimum settings for any fixture to equal or exceed requirements of NEC and NFPA 101 codes for varying mounting heights and other conditions.
• Available for LED fixtures operating from 10W to 70W or higher in normal mode.

CODES
• UL Listed in compliance with UL Standard 924 and CAN/CSA C22.2 No. 141-15 for field or factory installation in Fire and Electrical Enclosure. All Signtex Central Battery Systems and MOONLITE LED emergency fixtures are Listed to UL Standard 924.

FIXTURE SCHEDULE
<table>
<thead>
<tr>
<th>MODEL</th>
<th>CATALOG NO</th>
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<tbody>
<tr>
<td>APPROVAL</td>
<td>JOB INFORMATION</td>
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SUGGESTED SPECIFICATIONS:

Supply and install Signtex Emergency Lighting Control Series ELC which shall be capable of operating a LED general lighting fixture in emergency mode for a minimum of 90 minutes following failure of the normal power supply to the fixture, when connected to a Signtex Central Battery System, Series CBM or CBL, with luminance level to equal or exceed the minimums required by the current NEC codes.

See Signtex SPECIFICATION GUIDE to develop exact specifications for your specific application.

EMERGENCY OUTPUT

STANDARD POWER
Output Voltage Range.........21 - 41 VDC
Current Range (Settable)....100 - 350 mA
Max Power.............................14 Watts

HIGH POWER (OPTION HP)
Output Voltage Range............5 - 22 VDC
Current Range (Settable)....200mA - 1A
Max Power...........................22 Watts

HIGH POWER (OPTION HPV)
Output Voltage Range...........5 - 40 VDC
Current Range (Settable)....200 - 500mA
Max Power...........................20 Watts

Operating Temperature: -20° to +65° C
Max Ambient Temperature (Ta) 65° C
Max Case Temperature (Tc) 80° C

ORDERING INFORMATION: Example: ELC18P2-32W36-HP

<table>
<thead>
<tr>
<th>MODEL SERIES</th>
<th>EMERGENCY POWER WATTS</th>
<th>PACKAGE TYPE</th>
<th>FIXTURE NORMAL POWER WATTS</th>
<th>NORMAL DRIVER MAX OUTPUT VOLTS</th>
<th>OPTIONS</th>
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<tbody>
<tr>
<td>ELC 18 P2</td>
<td>X Watts¹</td>
<td>P2</td>
<td>XW= X Watts</td>
<td>X Volts DC</td>
<td>HP = 22 W/ 1A Max</td>
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<td>HPV = 20W/ 0.5A Max</td>
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<td>FL = Flange Screw Mount</td>
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¹ Based on lumen output required