ZSP

Zone Sensing Panel

Project Name: _____ Model Number: _____

Prepared By: _____ Date: _____

MECHANICAL SPECIFICATIONS

The BeLuce **ZSP** is supplied in heavy 16 gauge steel cabinet with a grey powder coat finish for added durability. Heavy duty large gauge terminal blocks are provided to supply maximum versatility for all wiring connections within the **ZSP** enclosure. CSA 22.2 No. 141-15 Performance Certified.

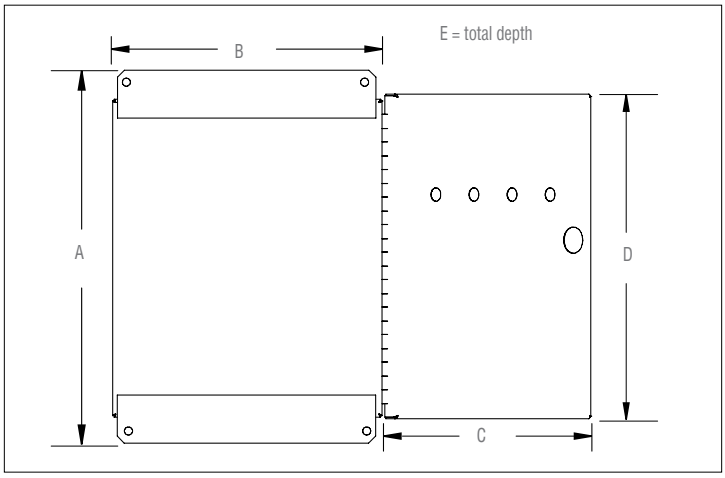
INSTALLATION

The BeLuce **ZSP** is supplied with top, bottom or side conduit entry knockouts for ease of installation. Flange mounting slots are stamped into the cabinet for wall mount applications.
Each Zone Sensing Panel will monitor a maximum of four [4] AC circuits.

TEST TIME

The **ZSP** provides up to 20 minutes of test time. The option of longer test time allows for one person set-up and evaluation during installation of all Emergency Lighting in a zone.

DIMENSIONS



PANEL	A	B	C	D	E
120V	355mm 13.96"	226mm 8.9"	262mm 10.31"	309mm 12.15"	144mm 5.65"
347V	400mm 16"	400mm 16"	400mm 16"	400mm 16"	150mm 6"

ORDERING GUIDE

ZSP - [ ] - [ ] - [ ] - [ ] - [ ]

SERIES	# OF ZONES SUPPORTED	ZONE VOLTAGE	MAX. AMP PER ZONE	TEST TIME	OPTIONS
ZSP	4 (four zones)	120V 347V	10A (Max. 10A - standard) 20A (Max. 20A)	5 (5 minutes - standard) 10 (10 minutes) 15 (15 minutes) 20 (20 minutes)	*L (Link two ZSPs together)

NOTE: Zone Sensing Panels contain 4 zones. * Linked panels will have 8 zones.

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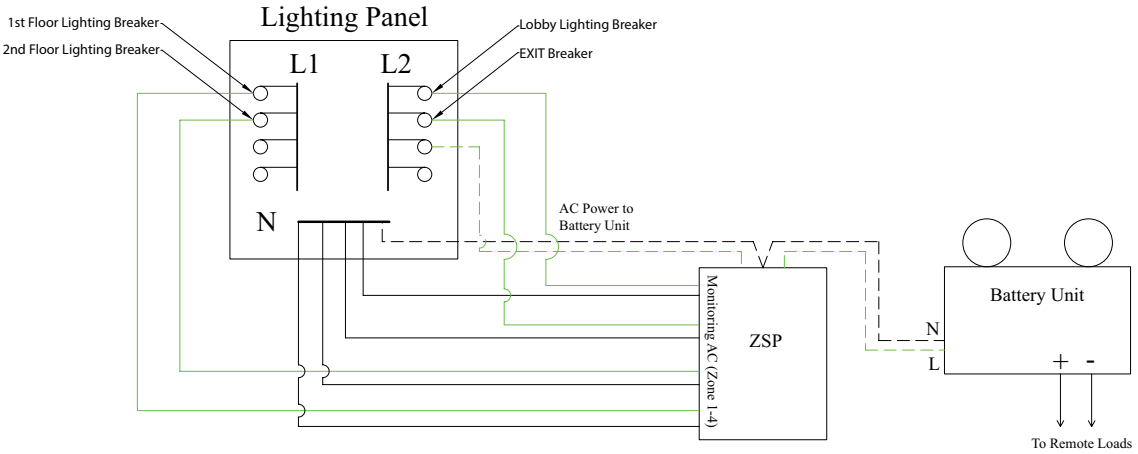
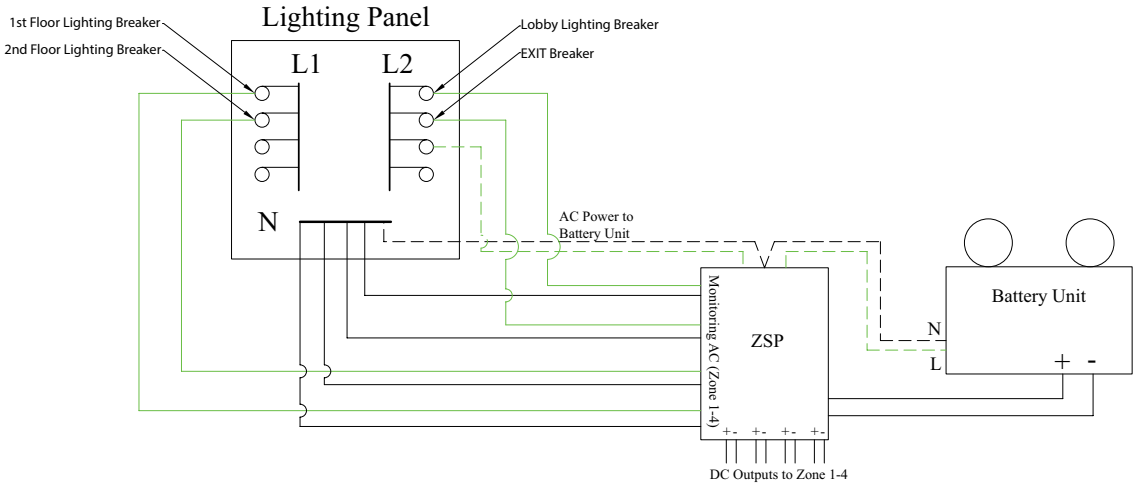
OPERATION

The **ZSP** cabinet monitors circuits and will allow power to the emergency lighting fixtures when general lighting failure occurs. The BeLuce **ZSP** will activate the egress lighting for the assigned zones only and not the entire building. A sensing circuit allows the monitoring of assigned zones that will detect a circuit breaker tripping or power loss / fault condition. The sensing circuit then provides power from the battery to the affected zone. Once the zone fault or power failure is restored the **ZSP** cabinet sensor detects power restoration, indicates a normal operating condition and turns off the emergency lighting power supply. A test switch is provided to manually test the emergency circuits with a 5 minute duration.



Typical Connection Diagram: When any Zone 1-4 has a power loss, all remote lamp loads will be turned on



Alternate Connection: Four user-assigned DC Zones are backed-up separately