

ECONOLITE ASC/3-2070 LOGIC PROCESSOR PROGRAMMING FOR LOGICAL DETECTORS

(program controller as shown)

1. From Main Menu select 1. CONFIGURATION

2. From CONFIGURATION Submenu select 8. LOGIC PROCESSOR

3. From the LOGIC PROCESSOR Submenu select 2. LOGIC STATEMENTS

ENTER A "1" IN THE LP# FIELD. PRESS 'ENTER'. AND PROGRAM AS SHOWN.

LP#:	1	COPY FROM:	1	ACTIVE:	M	(T/F)
IF	DET		1	IS	ON	
THEN	DET SET VEH 49-64		61		ON	
ELSE						

LOGIC FOR LOOP 1A  
(DETECTOR 1/LOGICAL DETECTOR 61)  
"ON".

ENTER A "5" IN THE LP# FIELD. PRESS 'ENTER'. AND PROGRAM AS SHOWN.

LP#:	5	COPY FROM:	5	ACTIVE:	M	(T/F)
IF	DET		9	IS	ON	
THEN	DET SET VEH 49-64		63		ON	
ELSE						

LOGIC FOR LOOP 5A  
(DETECTOR 9/LOGICAL DETECTOR 63)  
"ON".

1. From Main Menu select 1. CONFIGURATION

2. From CONFIGURATION Submenu select 8. LOGIC PROCESSOR

3. From the LOGIC PROCESSOR Submenu select 1. LOGIC STATEMENT CONTROL

ENABLE LOGIC PROCESSOR STATEMENTS 1-8 BY POSITIONING THE CURSOR OVER THE FIELD SHOWN BELOW AND USING THE TOGGLE KEY TO ENABLE IT.

LOGIC STATEMENT CONTROL																
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
LP 1-15	E	E	E	E	E	E	E	E	.	.	.	.	.	.	.	.
LP 16-30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 31-45	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 46-60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 61-75	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 76-90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

END PROGRAMMING

ENTER A "2" IN THE LP# FIELD. PRESS 'ENTER'. AND PROGRAM AS SHOWN.

LP#:	2	COPY FROM:	2	ACTIVE:	M	(T/F)
IF	DET		1	IS	OFF	
THEN	DET SET VEH 49-64		61		OFF	
ELSE						

LOGIC FOR LOOP 1A  
(DETECTOR 1/LOGICAL DETECTOR 61)  
"OFF".

ENTER A "6" IN THE LP# FIELD. PRESS 'ENTER'. AND PROGRAM AS SHOWN.

LP#:	6	COPY FROM:	6	ACTIVE:	M	(T/F)
IF	DET		9	IS	OFF	
THEN	DET SET VEH 49-64		63		OFF	
ELSE						

LOGIC FOR LOOP 5A  
(DETECTOR 9/LOGICAL DETECTOR 63)  
"OFF".

ENTER A "3" IN THE LP# FIELD. PRESS 'ENTER'. AND PROGRAM AS SHOWN.

LP#:	3	COPY FROM:	3	ACTIVE:	M	(T/F)
IF	DET		5	IS	ON	
THEN	DET SET VEH 49-64		62		ON	
ELSE						

LOGIC FOR LOOP 3A  
(DETECTOR 5/LOGICAL DETECTOR 62)  
"ON".

ENTER A "7" IN THE LP# FIELD. PRESS 'ENTER'. AND PROGRAM AS SHOWN.

LP#:	7	COPY FROM:	7	ACTIVE:	M	(T/F)
IF	DET		13	IS	ON	
THEN	DET SET VEH 49-64		64		ON	
ELSE						

LOGIC FOR LOOP 7A  
(DETECTOR 13/LOGICAL DETECTOR 64)  
"ON".

ENTER A "4" IN THE LP# FIELD. PRESS 'ENTER'. AND PROGRAM AS SHOWN.

LP#:	4	COPY FROM:	4	ACTIVE:	M	(T/F)
IF	DET		5	IS	OFF	
THEN	DET SET VEH 49-64		62		OFF	
ELSE						

LOGIC FOR LOOP 3A  
(DETECTOR 5/LOGICAL DETECTOR 62)  
"OFF".

ENTER A "8" IN THE LP# FIELD. PRESS 'ENTER'. AND PROGRAM AS SHOWN.

LP#:	8	COPY FROM:	8	ACTIVE:	M	(T/F)
IF	DET		13	IS	OFF	
THEN	DET SET VEH 49-64		64		OFF	
ELSE						

LOGIC FOR LOOP 7A  
(DETECTOR 13/LOGICAL DETECTOR 64)  
"OFF".

THIS PLAN SUPERSEDES THE PLAN  
SIGNED AND SEALED ON 11-14-2023

THIS ELECTRICAL DETAIL IS FOR  
THE SIGNAL DESIGN: 05-0882  
DESIGNED: Mar 2025  
SEALED: 3/21/2025  
REVISED: N/A



DRMP, INC.  
8210 UNIVERSITY EXECUTIVE PARK DR.  
SUITE 220  
CHARLOTTE, NC 28226  
PHONE: 704-541-4250  
NC LICENSE NO. F-1524  
www.drmp.com

Electrical Detail - Sheet 5 of 5

ELECTRICAL AND PROGRAMMING DETAILS FOR:	
	
750 N.Greenfield Pkwy,Carner,NC 27529	

SR 1390 (Optimist Farm Road)  
at  
SR 1386 (Bells Lake Road)

Division 5	Wake County	Cary
PLAN DATE: March 2025	REVIEWED BY: ZM Esposito	
PREPARED BY: AW Poole	DRMP PROJ. NO.: 22242 (040)	
REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED

SEAL NORTH CAROLINA PROFESSIONAL ENGINEER ZACHARY M. ESPOSITO	
Signed by: 	3/21/2025
SIGNATURE	DATE
SIG. INVENTORY NO. 05-0882	