



| | | riogramii | | | | | |
|---------------------------|----------------|-----------|----------------------------|-----------------|--|--|--|
| FUNCTION | COLOR | GAGE | POSITION | DEFAULT PATTERN | | | |
| TAKEDOWN | WHITE / ORANGE | 22 AWG | | | | | |
| L1 (front) | | | P3-3 - P3-6, P8-3 - P8-6 | SLOW | | | |
| L2 (rear) | | | P2-4 - P2-6, P10-4 - P10-6 | SLOW | | | |
| L3 (both) | BROWN | | L1 & L2 HEADS | FAST, MIX | | | |
| FLASHING ALLEY / PURSUITS | | 22 AWG | | SLOW SINGLE | | | |
| TRAFFIC LEFT | YELLOW | 22 AWG | | STANDARD | | | |
| TRAFFIC RIGHT | | 22 AWG | | STANDARD | | | |
| LALLEY | | 22 AWG | | | | | |
| R ALLEY | | 22 AWG | | | | | |
| ICL | PURPLE / WHITE | | | FAST | | | |
| HI / LOW | | 22 AWG | | | | | |
| PATTERN / CRUISE | | 22 AWG | | | | | |
| SHIRLD | | 22 AWG | | | | | |
| POWER | | 10 AWG | | | | | |
| GROUND | BLACK | 10 AWG | X | | | | |



| | | | | Program 2 |
|---------------------------|----------------|--------|----------------------------|-----------------|
| FUNCTION | COLOR | GAGE | POSITION | DEFAULT PATTERN |
| TAKEDOWN | WHITE / ORANGE | | | |
| L1 (front) | | 22 AWG | | SLOW |
| L2 (rear) | WHITE (RED | | P9-3 - P9-6, P10-3 - P10-6 | |
| L3 (both) | BROWN | 22 AWG | L1 & L2 HEADS | FAST, MIX |
| FLASHING ALLEY / PURSUITS | I WHITE / PINK | | P3-2, P3-6, P8-2, P8-6 | SLOW SINGLE |
| TRAFFIC LEFT | YELLOW | 22 AWG | | STANDARD |
| TRAFFIC RIGHT | GREEN | 22 AWG | | STANDARD |
| L ALLEY | BLUE | 22 AWG | P3-6 | |
| R ALLEY | GRAY | 22 AWG | P9-6 | |
| CL | PURPLE / WHITE | | | FAST |
| HI / LOW | PURPLE | 22 AWG | | |
| PATTERN/ CRUBE | RED / CREEN | 22 AWG | | |
| SHIELD | BARE | 22 AWG | | |
| POWER | RED | 10 AWG | | |
| GROUND | BLACK | 10 AWG | X | |

51" warning with take down & alley



| TAKEDOWN / WORK | WHITE / ORANGE | 22 AWG | P3 1 - P3 2 - P8 1 - P8 2 |
|---------------------------|----------------|--------|----------------------------------|
| L1 (front) | | | P3-1 - P3-5, P8-1 - P8-5 |
| L2 (rear) | WHITE (RED | | P9 3 P9 6 P10 3 P10 6 |
| L3 (both) | BROWN | | L1 & L2 HEADS |
| FLASHING ALLEY / PURSUITS | | | P3 1 P3 2, P3 6, P8 1 P8 2, P8 6 |
| TRAFFIC LEFT | YELLOW | 22 AWG | |
| TRAFFIC RIGHT | GREEN | 22 AWG | |
| L ALLEY | | 22 AWG | |
| R ALLEY | GRAY | 22 AWG | |
| ICL | | 22 AWG | |
| HI / LOW | | 22 AWG | |
| PATTERN / CRUISE | RED / GREEN | 22 AWG | |
| SHIELD | | 22 AWG | |
| POWER | | 10 AWG | |
| GROUND | BLACK | 10 AWG | X |

44" warning with take down & alley & traffic



| | | | | Program 3 |
|---------------------------|----------------|---------|--------------------------|-----------|
| FUNCTION | COLOR | GAGE | POSITION | 1 |
| TAKEDOWN | WHITE ORANGE | 22 AWG | P3-2, P8-2 | 1 |
| L1 (front) | WHITE / YELLOW | 22 AWG | P3-3 - P3-5, P8-3 - P8-5 | 1 |
| L2 (rear) | WHITE (RED | 22 MMG | P2 5 P2 6 P10 5 P10 6 | 1 |
| L3 (both) | BROWN | 22 AWG | L1 & L2 HEADS | 1 |
| FLASHING ALLEY / PURSUITS | | 22 AWG | P3-2, P3-6, P8-2, P8-6 | 1 |
| TRAFFIC LEFT | YELLOW | 22 AWG | P9-1 - P2-4 | 1 |
| TRAFFIC RIGHT | GREEN | | P10-1 - P10-4 | 1 |
| L ALLEY | BLUE | 22 AWG | P3-6 | 1 |
| RALLEY | GRAY | 22 AWG | | 1 |
| CL | PURPLE / WHITE | 22 AWG | | 1 |
| HI / LOW | PURPLE | 22 AWG | | 1 |
| PATTERN / CRUISE | RED / OREEN | 22 AWG | X DRINGERS FRO PROPING | 1 |
| SHIFLD | DARE | 22 AWG | | 1 |
| | RED | 10 AVAC | | |

51" warning with take down & alley & traffic



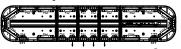
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|---------------------------|----------------|--------|--------------------------------------|------|
| FUNCTION | COLOR | GAGE | POSITION | 1 |
| TAKEDOWN | WHITE / ORANGE | 22 AWG | P3-1 - P3-2, P8-1 - P6-2 | 1 |
| L1 (front) | | | P3-3 - P3-5, P8-3 - P8-5 | 1 |
| L2 (rear) | WHITE / RED | | P9-5 - P9-6, P10-5 - P10-6 | 1 |
| L3 (both) | BROWN | 22 AWG | LT & LZ HEADS | 1 |
| FLASHING ALLEY / PURSUITS | WHITE / PINK | | P3 1 - P3 2, P3 6, P8 1 - P8 2, P8 6 | 1 |
| TRAFFIC LEFT | YELLOW | 22 AWG | P9-1 - P9-4 | 1 |
| TRAFFIC RIGHT | GREEN | 22 AWG | P10-1 - P10-4 | 1 |
| L ALLEY | BLUE | 22 AWG | P3-6 | 1 |
| R ALLEY | GRAY | 22 AWG | P8-6 | 1 |
| ICL. | PURPLE / WHITE | 22 AWG | | 1 |
| FI / LOW | PURPLE | 22 AWG | X | 1 |
| PATTERN (CRUISE | RED / GREEN | 22 AWG | X CHIEFFYLL FLL(FIL(FIL) | 1 |
| SHIELD | BARE | 22 AWG | X | 1 |
| POWER | RED | 10 AWG | x | 1 |
| | | | | |

51" TOW: work lights & STT



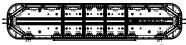
| FUNCTION | COLOR | GAGE | POSITION |
|---------------------------|----------------|--------|--|
| WORK | WHITE / ORANGE | 22 AWG | P9-1 - P9-2, P10-1 - P10-2 |
| L1 (front) | WHITE / YELLOW | 22 AWG | P3-2 - P3-6, P8-2 - P8-6 |
| L2 (rear) | WHITE / RED | | P2-3 - P3-4 - P2-6 - P10-3 - P10-4 - P10-6 |
| TAIL | BROWN | | P9-5, P10-5 |
| FLASHING ALLEY / PURSUITS | | 22 AWG | |
| TURN L | YELLOW | 22 AWG | P9-5 |
| TURN R | GREEN | 22 AWG | |
| LALLEY | BLUE | 22 AWG | |
| RALLEY | GRAY | 22 AWG | |
| QL. | PURPLE / WHITE | 22 AWG | |
| HI/LOW | PURPLE | 22 AWG | |
| PATTERN / CRUISE | RED / GREEN | 22 AWG | |
| SHELD | BARE | 22 AWG | |
| POWER | RED | 10 AWG | |
| GROUND | BLACK | 10 AWG | X |

58" TOW: work lights & STT



| | | | | Progra |
|----------------|----------------|--------|--|--------|
| FUNCTION | COLOR | | POSITION | |
| WORK | | | P9 1 - P9 2, P10 1 - P10 2 | |
| L1 (front) | | | P3 1 P3 6 P3 1 P8 6 | |
| L2 (rear) | WHITE / RED | | P9-3 - P9-4, P3-6, P10-3 - P10-4, P10- | |
| TAIL | BROWN | | PS 5, P10-5 | |
| | WHITE / PINK | 22 AWG | | |
| TURN L | YELLOW | 22 AWG | P9-5 | |
| TURN R | GREEN | 22 AWG | | |
| L ALLEY | BLUE | 22 AWG | | |
| R ALLEY | GRAY | 22 AWG | | |
| ICL . | PURPLE / WHITE | | | |
| HI/LOW | | 22 AWG | | |
| PATTERNICRUISE | RED / GREEN | 22 AWG | | |
| SHIELD | BARE | 22 AWG | | |
| POWER | RED | 10 AWG | X | |
| GROUND | BLACK | 10 AWG | X | |

58" (ONLY ON BREAK OUT BOX)



| | | | Prog |
|-------------------------|--------------------------------------|-----------------|------|
| FUNCTION: BREAK OUT BOX | POSITION | DEFAULT PATTERN | _ |
| TAKEDOWN / WORK | | - | |
| L1 (front) | P3-1 - P3-5, P8-1 - P8-5 | SLOW | |
| L2 (reor) | P9-6, P16-6 | SLOW | |
| L3 (both) | P9-6, P10-6 P3-1 - P3-5, P3-1 - P8-5 | FAST, MIX | |
| TAKE DOWN FLASH | | SLOW SINGLE | |
| TRAFFIC LEFT | P9-5 | STANDARD | |
| TRAFFIC RIGHT | P10-5 | STANDARD | |
| L ALLEY | P3-6 | | |
| R ALLEY | PII-6 | | |
| la. | | FAST | |
| HI / LOW | X | | |
| PATTERN | X | | |
| ALLEY FLASH | P3-6,P8-6 | FAST | |
| CRUBE | P3-5, P8-5, P9-5, P10-5 | | |
| TURN LEFT | P9.5 | | |
| TURN RIGHT | P10-5 | | |
| TAIL | P9-5, P10-5 | | |
| CAL STEADY | | | |
| LEVEL 4 | SANE AS LEVEL 1 | RANDOM 1 MEDIUM | |
| LEVEL 5 | SANE AS LEVEL 2 | RANDOM 2 MEDIUM | |
| LEVEL 6 | SAME AS LEVEL 3 | RANDOM 3 FAST | |

51" (ONLY ON BREAK OUT BOX)



| FUNCTION: BREAK OUT BOX | POSITION | DEFAULT PATTERN | Prograi |
|-------------------------|------------------------------------|-----------------|---------|
| TAKEDOWN / WORK | | 1. | |
| L1 (front) | P3-2 - P3-5, P8-2 - P8-5 | SLOW | |
| L2 (rear) | P9-6, P10-6 | SLOW | |
| L3 (both) | P9-6, P10-6 P3-2 P3-6, P6-2 - P6-6 | FAST, NIX | |
| TAKE DOWN FLASH | | SLOW SINGLE | |
| TRAFFIC LEFT | P9-5 | STANDARD | |
| TRAFFIC RIGHT | P10-5 | STANDARD | |
| L ALLEY | P3-6 | | |
| R ALLEY | P8-6 | | |
| ICL | | FAST | |
| H / LOW | X | | |
| PATTERN | x | | |
| ALLEY FLASH | P3-6,P2-6 | FAST | |
| CRUISE | P3 5, P3 5, P3 5, P10 5 | | |
| TURN LEFT | P9-5 | | |
| TURN RIGHT | P10-5 | | ı |
| TAL | P9-5, P10-5 | | ı |
| CAL STEADY | | | ı |
| LEVEL 4 | SAME AS LEVEL 1 | RANDON 1 MEDIUN | ı |
| LEVELS | SAME AS LEVEL 2 | RANDOM 2 MEDIUM | |
| LEVEL 6 | SAME AS LEVEL 3 | RANDON 3 FAST | |

NO CRUISE

| | | | | Program 6 |
|------------------|----------------|--------|--------------------------|-----------|
| FUNCTION | COLOR | GAGE | POSITION | 7 |
| TAKEDOWN | WHITE / ORANGE | 22 AWG | P3-3, P3-3 | 1 |
| L1 (front) | WHITE / YELLOW | 22 AWG | P3-2 - P3-6, P8-2 - P8-6 | 1 |
| L2 (rear) | WHITE I RED | 22 AWG | P2 1 P2 6 P10 1 P16 6 | |
| L3 (both) | BROWN | 22 AWG | L1 & L2 HEADS | 1 |
| | WHITE I PINK | | P3 8, P3 12, P6 8, P8 12 | |
| TRAFFIC LEFT | YELLOW | | P9-7 - P9-10 | 1 |
| TRAFFIC RIGHT | GREEN | | P10-7 - P10-10 | |
| L ALLEY | BLUE | 22 AWG | P3-12 | 1 |
| R ALLEY | GRAY | 22 AWG | | |
| ICL | PURPLE / WHITE | 22 AWG | P3-11, P2-11 | 1 |
| H / LOW | PURPLE | 22 AWG | | |
| PATTERN / CRUISE | RED / GREEN | 22 AWG | | 1 |
| SHIRLD | DARE | 22 AWG | | |
| POWER | RED | 10 AWG | X | 1 |
| | | | | |



| | | | | Progr |
|---------------------------|----------------|--------|--|-------|
| FUNCTION | COLOR | GAGE | POSITION | 1 |
| TAKEDOWN | WHITE / ORANGE | 22 AWG | P3-7 - P3-6, P8-7 - P8-8 | 1 |
| L1 (front) | WHITE / YELLOW | 22 AWG | P3 1 P3 6, P8 1 P8 6 | 7 |
| L2 (rear) | WHITE I RED | 22 AWG | P9-1 - P3-6, P10-1 - P10-6 | 1 |
| L3 (both) | BROWN | | L1 & L2 HEADS | 3 |
| FLASHING ALLEY / PURSUITS | WHITE / PINK | | P3 7 - P3 8, P3 12, P3 7 - P8 8, P8 12 | 1 |
| TRAFFIC LEFT | YELLOW | | P9-7 - P9-10 | 3 |
| TRAFFIC RIGHT | GREEN | | P10-7 - P10-16 | 3 |
| L ALLEY | BLUE | 22 AWG | | 3 |
| R ALLEY | GRAY | 22 AWG | | 3 |
| ICL | | | P3-11, P8-11 | 3 |
| H / LOW | PURPLE | 22 AWG | | 3 |
| PATTERN / CRUISE | RED / CREEN | 22 AWG | | 3 |
| SHIELD | BARE | 22 AWG | | 3 |
| POWER | RED | 10 AWG | | 3 |
| GROUND | BLACK | 10 ANG | X | 3 |

44" DUAL: FULL TD & ALLEY WITH 8 TRAFFIC NO CRUISE



| | | | | Program |
|-----------------|----------------|--------|--------------------------|---------|
| FUNCTION | COLOR | GAGE | POSITION | 1 |
| TAKEDOWN | WHITE / ORANGE | 22 AWG | P3 8 P3 11, P8 8 P8 11 | 1 |
| L1 (front) | | | P3 2 - P3 6, P8 2 - P8 6 | 1 |
| L2 (rear) | WHITE I RED | | P9 1 P9 6 P10 1 P16 6 | 1 |
| L3 (both) | BROWN | | L1 & L2 HEADS | 1 |
| | WHITE / PINK | 22 AWG | P3 8, P3 12, P8 8, P8 12 | 3 |
| TRAFFIC LEFT | YELLOW | | P9-7 - P9-10 | 1 |
| TRAFFIC RIGHT | CREEN | | P10-7 - P10-10 | 1 |
| LALLEY | BLUE | 22 AWG | | 1 |
| R ALLEY | CRAY | 22 AWG | | 1 |
| ICL | PURPLE / WHITE | | P3-11, P8-11 | 1 |
| H / LOW | PURPLE | 22 AWG | | 1 |
| PATTERN / CRUSE | RED / GREEN | 22 AWG | | 1 |
| SHIELD | BARE | 22 AWG | | 1 |
| POWER | RED | 10 ANG | X | 1 |

51" TOW: DUAL (ONLY ON BREAK OUT BOX)



| FUNCTION: BREAK OUT BOX | POSITION | DEFAULT PATTERN Program 8 |
|-------------------------|------------------------------|---------------------------|
| WORK | P9-7 - P3-10, P10-7 - P10-10 | |
| L1 (front) | P3-1 - P3-4, P8-1 - P8-6 | SLOW |
| L2 (rear) | P5 1 P5 6 P10 1 P10 6 | SLOW |
| L3 (both) | L1 & L2 HEADS | FAST, MIX |
| TAKE DOWN FLASH | P9-7 - P3-10, P10-7 - P10-10 | SLOW SINGLE |
| TRAFFIC LEFT | P5 1 - P3 4, P16 1 - P16 4 | STANDARD |
| TRAFFIC RIGHT | P9-1 - P9-4, P10-1 - P10-4 | STANDARD |
| L ALLEY | P3-12 | |
| R ALLEY | PII-12 | 1: |
| ICL | | |
| H / LOW | X | |
| PATTERN | X | |
| ALLEY FLASH | P3-12-P8-12 | FAST |
| CRUISE | P3-5, P8-5, P9-5, P10-5 | |
| TURN LEFT | P2-5 | |
| TURN RIGHT | P10-5 | |
| TAL | P9-5,P10-5 | |
| CAL STEADY | | |
| LEVEL 4 | SAME AS LEVEL 1 | RANDOM 1 NEDIUM |
| LEVEL 5 | SAME AS LEVEL 2 | RANDOM 2 NEDIUM |
| LEVEL 6 | SAME AS LEVEL 3 | RANDOM 3 FAST |