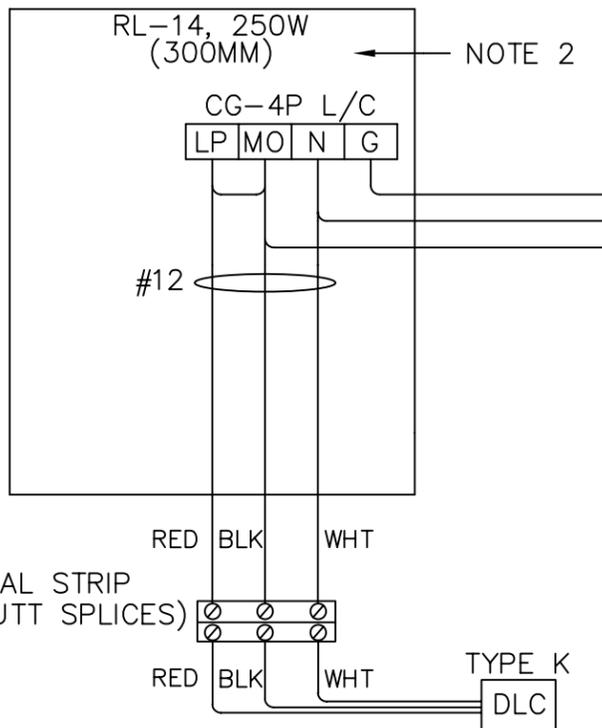


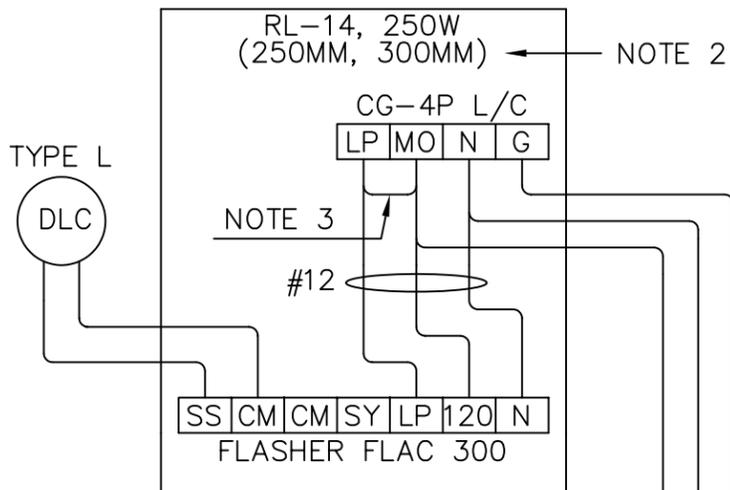
FIXED-ON WITH
DAYLIGHT CONTROL

RANGE LT



FLASHING WITH
DAYLIGHT CONTROL

RANGE LT

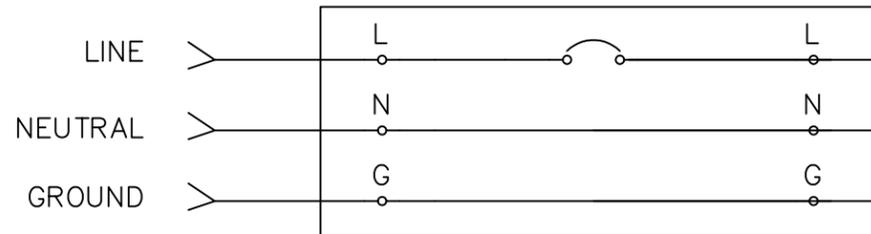


TERMINAL STRIP
(OR BUTT SPLICES)



3 - #12 AWG in 3/4" PVC Conduit

AC POWER SERVICE



POINT TO POINT WIRE RUNNING LIST

| FROM | WIRE SIZE (AWG) | MAX DISTANCE (FT) | TO |
|-------------------------|-----------------|-------------------|-------------------------|
| AC POWER SERVICE (L) | 12 | | RANGE LT, CG-4P(MO) |
| AC POWER SERVICE (N) | 12 | | RANGE LT, CG-4P(N) |
| AC POWER SERVICE (G) | 12 | | RANGE LT, CG-4P(G) |
| RANGE LT, CG-4P(LP) | 12 | | RANGE LT, FLAC 300(LP) |
| RANGE LT, CG-4P(MO) | 12 | | RANGE LT, FLAC 300(120) |
| RANGE LT, CG-4P(N) | 12 | | RANGE LT, FLAC 300(N) |
| PHOTORESISTOR, 1ST LEAD | | | RANGE LT, FLAC 300(SS) |
| PHOTORESISTOR, 2ND LEAD | | | RANGE LT, FLAC 300(CM) |

BILL OF MATERIALS

| ITEM | TYPE | SOURCE OF SUPPLY | QUANTITY |
|----------------------|------------------|------------------|--------------------|
| RANGE LT, RL-14 | CARLISLE & FINCH | ELC | 1(SEE NOTE 1) |
| 4 PLACE LAMP CHANGER | CG-4P | TIDELANDS | 1 |
| 120VAC FLASHER | FLAC 300 | TIDELANDS | 1(ONLY IF FLASHED) |
| LAMPS | 250W | ELC | 4 |
| PHOTORESISTOR | TYPE L | ELC | 1 |
| PHOTORESISTOR | TYPE K | INERMATIC | 1(IF FIXED-ON) |

NOTES:

1. RANGE LANTERN, LAMPS, RHYTHM, AND BEAM WIDTH DETERMINED BY INTENSITIES RECOMMENDED BY THE RANGE DESIGN PROGRAM.
2. YOU MAY USE EITHER RL14, 250MM OR 300MM LANTERN FOR RANGE LT. THE MAX POWER DISSIPATION FOR 250MM IS 75W; 250MM HW 200W; AND 300MM 250W.
3. REMOVE THIS JUMPER IF FLASHED.
4. ALL WIRE RUNS SHALL BE ENCLOSED IN APPROPRIATELY SIZED RIGID OR LIQUID-TIGHT FLEX CONDUIT AS INDICATED TO FORM A WEATHERTIGHT SYSTEM AND PROTECT ELECTRICAL COMPONENTS FROM THE ELEMENTS.

| | | | |
|--|----------------------------|---|------------------|
| REV. DATE APPR. | A 12/03 JTG | ADDED CONDUIT, FIXED-ON DLC, AND NOTE 4. | KMD |
| DESIGNED BY: | STN | U.S. COAST GUARD HEADQUARTERS CIVIL ENGINEERING STANDARD AID TO NAVIGATION COMMERCIAL NIGHT RANGE (RANGE CATEGORY C-N) | |
| DRAWN BY: | STN | | |
| TRACED BY: | | | |
| CHECKED BY: | KA/JTG | | |
| REVIEWED BY: | | | |
| REVIEWED BY: | H.R. CLEVELAND G-SEC-2A | | |
| REVIEWED BY: | L.E. JAEGER G-SEC-2 | | |
| REVIEWED BY: | | APPROVED: CAPT J.A. RAUCH | DATE: 5/19/97 |
| UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES. TOLERANCES: DIM. ANG. | | DRAWING NUMBER 130501 | REV. A |
| PLOTING SCALE: | | SCALE: NONE | SHEET 1 OF 1 |