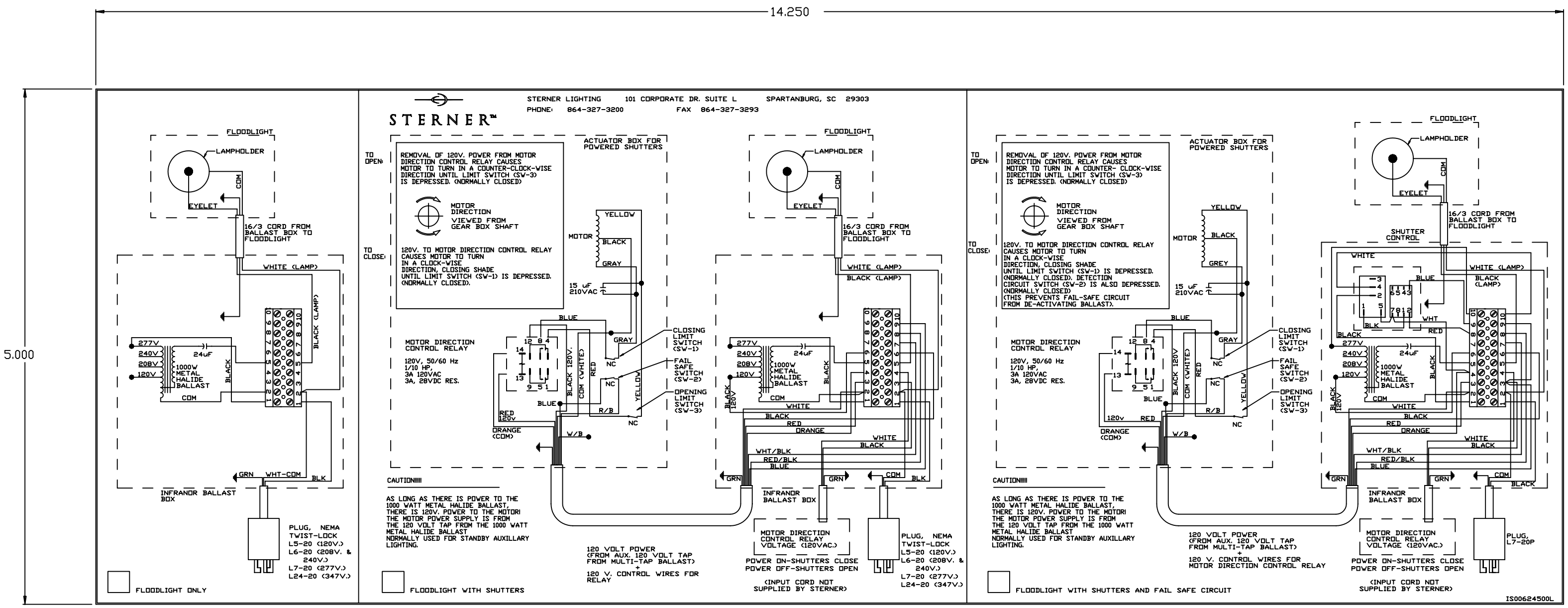
14.250
5.000
STERNER™
STERNER LIGHTING 101 CORPORATE DR. SUITE L SPARTANBURG, SC 29303
PHONE: 864-327-3200 FAX 864-327-3293
FLOODLIGHT
LAMPHOLDER
COM
EYELET
16/3 CORD FROM BALLAST BOX TO FLOODLIGHT
WHITE (LAMP)
BLACK (LAMP)
277V
240V
208V
120V
24uF
1000W METAL HALIDE BALLAST
BLACK
COM
INFRANOR BALLAST BOX
GRN
WHT-COM
BLK
PLUG, NEMA TWIST-LOCK L5-20 (120V.) L6-20 (208V. & 240V.) L7-20 (277V.) L24-20 (347V.)
FLOODLIGHT ONLY
ACTUATOR BOX FOR POWERED SHUTTERS
TO OPEN:
TO CLOSE:
REMOVAL OF 120V. POWER FROM MOTOR DIRECTION CONTROL RELAY CAUSES MOTOR TO TURN IN A COUNTER-CLOCK-WISE DIRECTION UNTIL LIMIT SWITCH (SW-3) IS DEPRESSED. (NORMALLY CLOSED)
MOTOR DIRECTION VIEWED FROM GEAR BOX SHAFT
120V. TO MOTOR DIRECTION CONTROL RELAY CAUSES MOTOR TO TURN IN A CLOCK-WISE DIRECTION, CLOSING SHADE UNTIL LIMIT SWITCH (SW-1) IS DEPRESSED. (NORMALLY CLOSED).
YELLOW
MOTOR
BLACK
GRAY
15 uF 210VAC
BLUE
GRAY
MOTOR DIRECTION CONTROL RELAY
120V, 50/60 Hz
1/10 HP,
3A 120VAC
3A, 28VDC RES.
12 8 4
14
13
9 5 1
BLACK 120V.
COM (WHITE)
RED
NC
NC
YELLOW
CLOSING LIMIT SWITCH (SW-1)
FAIL SAFE SWITCH (SW-2)
OPENING LIMIT SWITCH (SW-3)
BLUE
R/B
NC
RED 120v
ORANGE (COM)
W/B
CAUTION!!!!!
AS LONG AS THERE IS POWER TO THE 1000 WATT METAL HALIDE BALLAST, THERE IS 120V. POWER TO THE MOTOR! THE MOTOR POWER SUPPLY IS FROM THE 120 VOLT TAP FROM THE 1000 WATT METAL HALIDE BALLAST NORMALLY USED FOR STANDBY AUXILLARY LIGHTING.
120 VOLT POWER (FROM AUX. 120 VOLT TAP FROM MULTI-TAP BALLAST)
+
120 V. CONTROL WIRES FOR RELAY
FLOODLIGHT WITH SHUTTERS
WHITE
BLACK
RED
ORANGE
WHITE
BLACK
WHT/BLK
RED/BLK
BLUE
BLACK 120V
INFRANOR BALLAST BOX
MOTOR DIRECTION CONTROL RELAY VOLTAGE (120VAC.)
POWER ON-SHUTTERS CLOSE
POWER OFF-SHUTTERS OPEN
(INPUT CORD NOT SUPPLIED BY STERNER)
PLUG, NEMA TWIST-LOCK L5-20 (120V.) L6-20 (208V. & 240V.) L7-20 (277V.) L24-20 (347V.)
FLOODLIGHT WITH SHUTTERS AND FAIL SAFE CIRCUIT
120 VOLT POWER (FROM AUX. 120 VOLT TAP FROM MULTI-TAP BALLAST)
+
120 V. CONTROL WIRES FOR MOTOR DIRECTION CONTROL RELAY
SHUTTER CONTROL
WHITE
BLUE
BLACK (LAMP)
WHT
BLK
RED
PLUG, L7-20P
IS00624500L