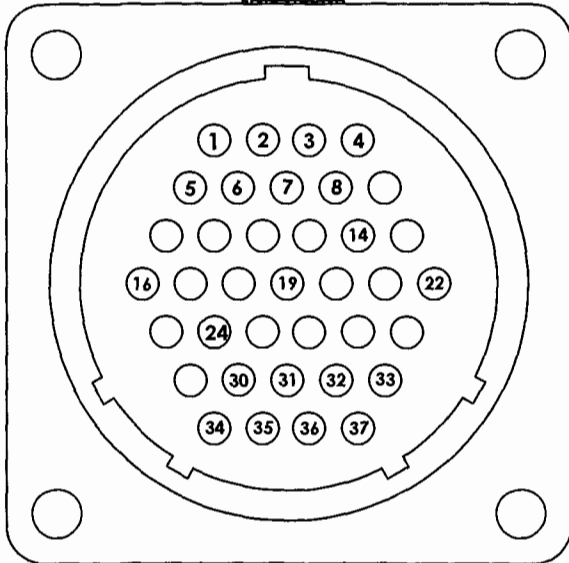


3400

WIRING

3400 WIRING

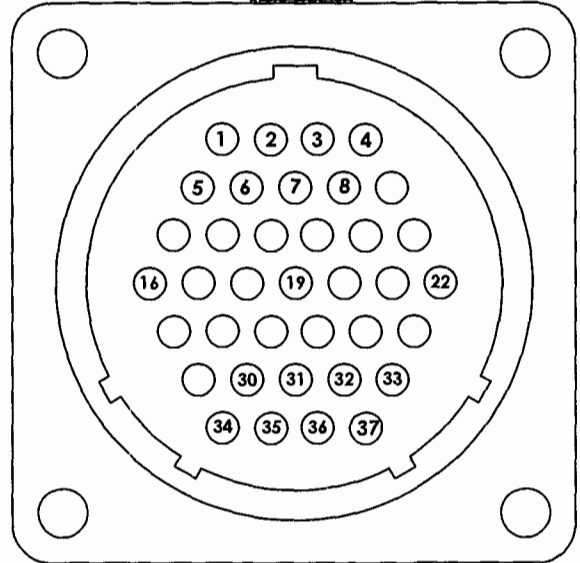
HARNESS CORD #1 / RECEPTACLE #1



PIN#	COLOR	RECEPTACLE LOCATION	PLUG LOCATION
1	Blue	Lamp 1 Head End	Ballast 1-1
2	Yellow	Lamp 2 Head End	Ballast 1-2
3	Orange	Lamp 3 Head End	Ballast 1-3
4	Purple	Lamp 4 Head End	Ballast 1-4
5	Grey	Lamp 5 Head End	Ballast 1-5
6	Pink	Lamp 6 Head End	Ballast 1-6
7	Tan	Lamp 7 Head End	Ballast 1-7
8	Light Blue	Lamp 8 Head End	Ballast 1-8
9	Empty		
10	Empty		
11	Empty		
12	Empty		
13	Empty		
14	Red	Fan Circuit	Fan Term. Strip
15	Empty		
16	White/Red	Fan Circuit	Fan Term. Strip
17	Empty		
18	Empty		
19	Green	Ground	Ground
20	Empty		
21	Empty		
22	Black	Fan Circuit	Fan Term. Strip
23	Empty		
24	Empty		
25	Empty		
26	Empty		
27	Empty		
28	Empty		
29	Empty		
30	Blue	Lamp 1 Foot End	Capacitor 1-1
31	Yellow	Lamp 2 Foot End	Capacitor 1-2
32	Orange	Lamp 3 Foot End	Capacitor 1-3
33	Purple	Lamp 4 Foot End	Capacitor 1-4
34	Grey	Lamp 5 Foot End	Capacitor 1-5
35	Pink	Lamp 6 Foot End	Capacitor 1-6
36	Tan	Lamp 7 Foot End	Capacitor 1-7
37	Light Blue	Lamp 8 Foot End	Capacitor 1-8

Lamp orientation is from FRONT of unit to BACK of unit (#1 through #8)

HARNESS CORD #2 / RECEPTACLE #2

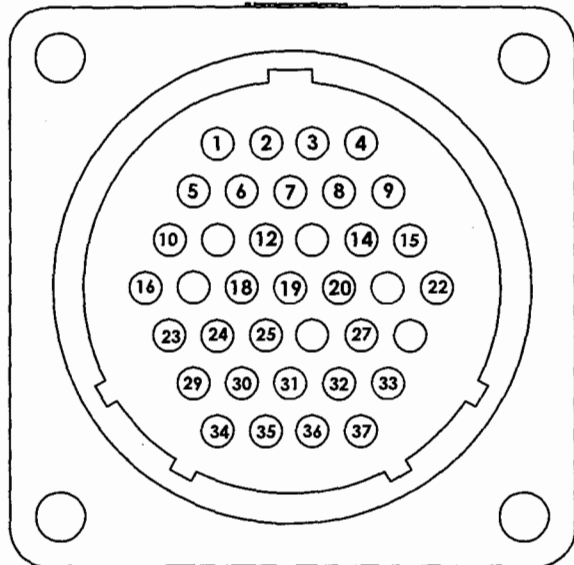


PIN#	COLOR	RECEPTACLE LOCATION	PLUG LOCATION
1	Blue	Lamp 9 Head End	Ballast 2-1
2	Yellow	Lamp 10 Head End	Ballast 2-2
3	Orange	Lamp 11 Head End	Ballast 2-3
4	Purple	Lamp 12 Head End	Ballast 2-4
5	Grey	Lamp 13 Head End	Ballast 2-5
6	Pink	Lamp 14 Head End	Ballast 2-6
7	Tan	Lamp 15 Head End	Ballast 2-7
8	Light Blue	Lamp 16 Head End	Ballast 2-8
9	Empty		
10	Empty		
11	Empty		
12	Empty		
13	Empty		
14	Empty		
15	Empty		
16	White/Red	Fan Circuit	Contactor-Fan
17	Empty		
18	Empty		
19	Green	Ground	Ground
20	Empty		
21	Empty		
22	Black	Fan Circuit	Contactor-Fan
23	Empty		
24	Empty		
25	Empty		
26	Empty		
27	Empty		
28	Empty		
29	Empty		
30	Blue	Lamp 9 Foot End	Capacitor 2-1
31	Yellow	Lamp 10 Foot End	Capacitor 2-2
32	Orange	Lamp 11 Foot End	Capacitor 2-3
33	Purple	Lamp 12 Foot End	Capacitor 2-4
34	Grey	Lamp 13 Foot End	Capacitor 2-5
35	Pink	Lamp 14 Foot End	Capacitor 2-6
36	Tan	Lamp 15 Foot End	Capacitor 2-7
37	Light Blue	Lamp 16 Foot End	Capacitor 2-8

Lamp orientation is from FRONT of unit to BACK of unit (#9 through #16)

3400 WIRING

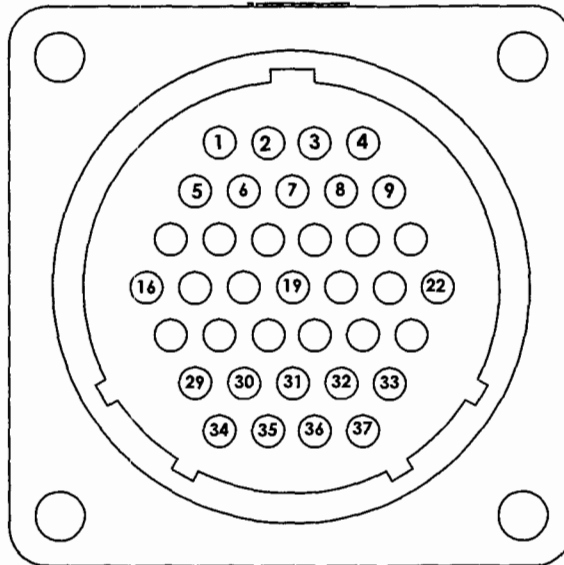
HARNESS CORD #3 / RECEPTACLE #3



PIN#	COLOR	RECEPTACLE LOCATION	PLUG LOCATION
1	Blue	Lamp 1 Head End	Ballast 3-1
2	Yellow	Lamp 2 Head End	Ballast 3-2
3	Orange	Lamp 3 Head End	Ballast 3-3
4	Purple	Lamp 4 Head End	Ballast 3-4
5	Grey	Lamp 5 Head End	Ballast 3-5
6	Pink	Lamp 6 Head End	Ballast 3-6
7	Tan	Lamp 7 Head End	Ballast 3-7
8	Light Blue	Lamp 8 Head End	Ballast 3-8
9	White/Orange	Lamp 9 Head End	Ballast 3-9
10	Red/Black*	Facial Ballast#1	Facial Ignitor#1
11	Empty		
12	Red/Yellow*	Facial Ballast#2	Facial Ignitor#2
13	Empty		
14	Red	Facial Fan	Facial Terminal
15	Red/Green*	Facial Ballast#3	Facial Ignitor#3
16	White/Red	Fan Circuit Ballast	Fan Terminal Strip
17	Empty		
18	Red/White	Contactora Facial Control	Common on Flag Switch
19	Green	Ground	Ground
20	Black/White	Facial Timer Switch	Open Flag Switch
21	Empty		
22	Black	Fan Circuit	Fan Terminal Strip
23	Black/Red*	Facial Terminal Strip	Facial Ignitor#1
24	White/Black	Fan Circuit	Contactora-Fan
25	Black/Yellow*	Facial Terminal Strip	Facial Ignitor#2
26	Empty		
27	Black/Green*	Facial Terminal Strip	Facial Ignitor#3
28	Empty		
29	Blue	Lamp 1 Foot End	Capacitor 3-1
30	Yellow	Lamp 2 Foot End	Capacitor 3-2
31	Orange	Lamp 3 Foot End	Capacitor 3-3
32	Purple	Lamp 4 Foot End	Capacitor 3-4
33	Grey	Lamp 5 Foot End	Capacitor 3-5
34	Pink	Lamp 6 Foot End	Capacitor 3-6
35	Tan	Lamp 7 Foot End	Capacitor 3-7
36	Light Blue	Lamp 8 Foot End	Capacitor 3-8
37	White/Orange	Lamp 9 Foot End	Capacitor 3-9

***If unit is equipped with 3 Facial Cassettes.**
Lamp orientation is from FRONT of unit to BACK of unit (#1 through #9)

HARNESS CORD #4 / RECEPTACLE #4

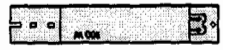
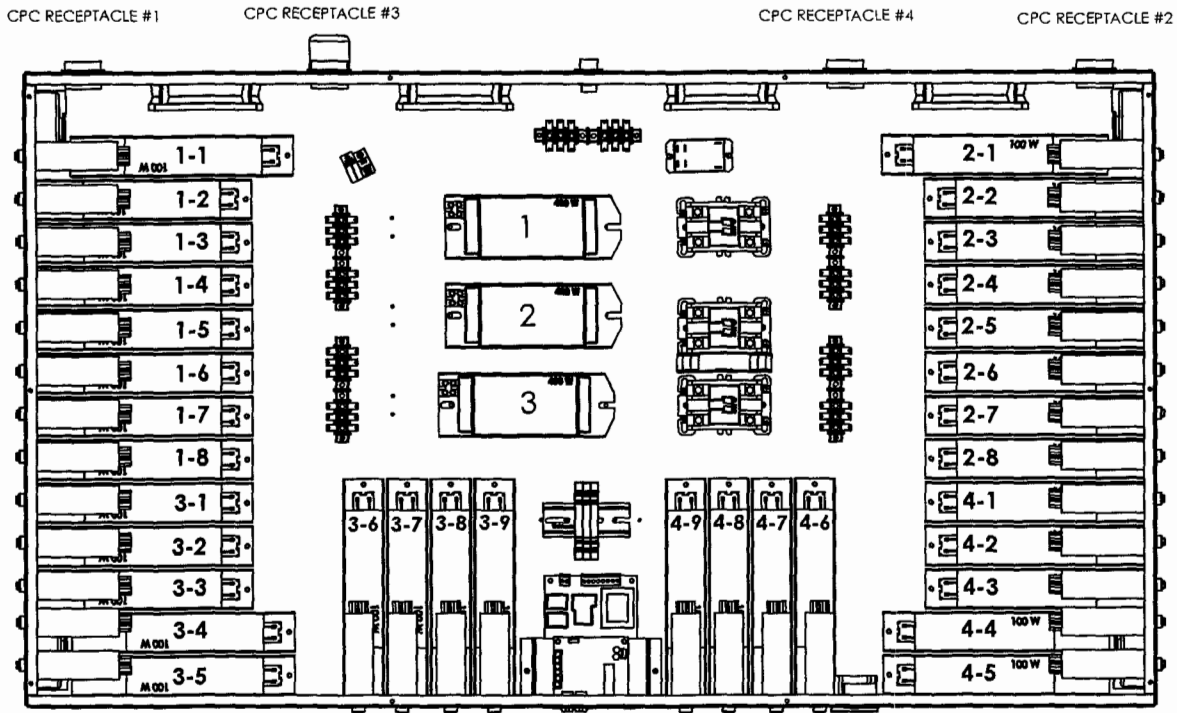


PIN#	COLOR	RECEPTACLE LOCATION	PLUG LOCATION
1	Blue	Lamp 10 Head End	Ballast 4-1
2	Yellow	Lamp 11 Head End	Ballast 4-2
3	Orange	Lamp 12 Head End	Ballast 4-3
4	Purple	Lamp 13 Head End	Ballast 4-4
5	Grey	Lamp 14 Head End	Ballast 4-5
6	Pink	Lamp 15 Head End	Ballast 4-6
7	Tan	Lamp 16 Head End	Ballast 4-7
8	Light Blue	Lamp 17 Head End	Ballast 4-8
9	White/Orange	Lamp 18 Head End	Ballast 4-9
10	Empty		
11	Empty		
12	Empty		
13	Empty		
14	Empty		
15	Empty		
16	White/Red	Fan Circuit	Facial Term. Strip
17	Empty		
18	Empty		
19	Green	Facial Ignitor#3	Ground
20	Empty		
21	Empty		
22	Black	Facial Fan Switch	Facial Term. Strip
23	Empty		
24	Empty		
25	Empty		
26	Empty		
27	Empty		
28	Empty		
29	Blue	Lamp 10 Foot End	Capacitor 4-1
30	Yellow	Lamp 11 Foot End	Capacitor 4-2
31	Orange	Lamp 12 Foot End	Capacitor 4-3
32	Purple	Lamp 13 Foot End	Capacitor 4-4
33	Grey	Lamp 14 Foot End	Capacitor 4-5
34	Pink	Lamp 15 Foot End	Capacitor 4-6
35	Tan	Lamp 16 Foot End	Capacitor 4-7
36	Light Blue	Lamp 17 Foot End	Capacitor 4-8
37	White/Orange	Lamp 18 Foot End	Capacitor 4-9

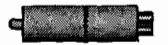
***If unit is equipped with 3 Facial Cassettes.**
Lamp orientation is from FRONT of unit to BACK of unit (#10 through #18)

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BALLAST TRAY COMPONENTS AND LAYOUT:



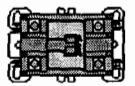
100 WATT BALLAST



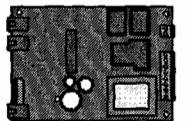
13.5 uf CAPACITOR



400 WATT BALLAST



40 AMP CONTACTOR



TIMER BOARD



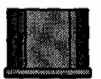
FAN CONTROL BOARD



TERM. STRIP



FUSE BLOCK



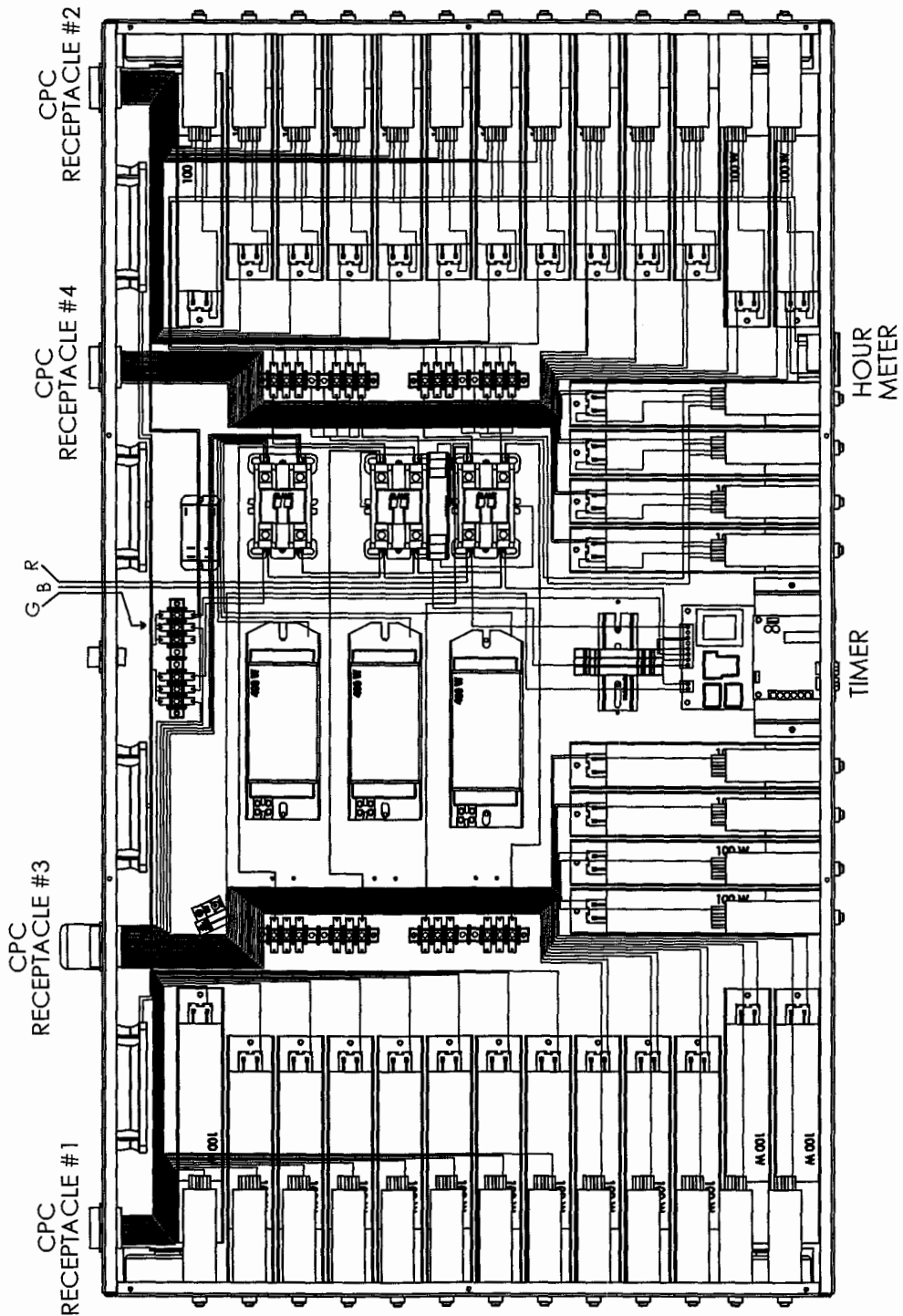
HOUR METER



FAN RELAY

WIRING DIAGRAM

BACK OF BALLAST TRAY



FRONT OF BALLAST TRAY