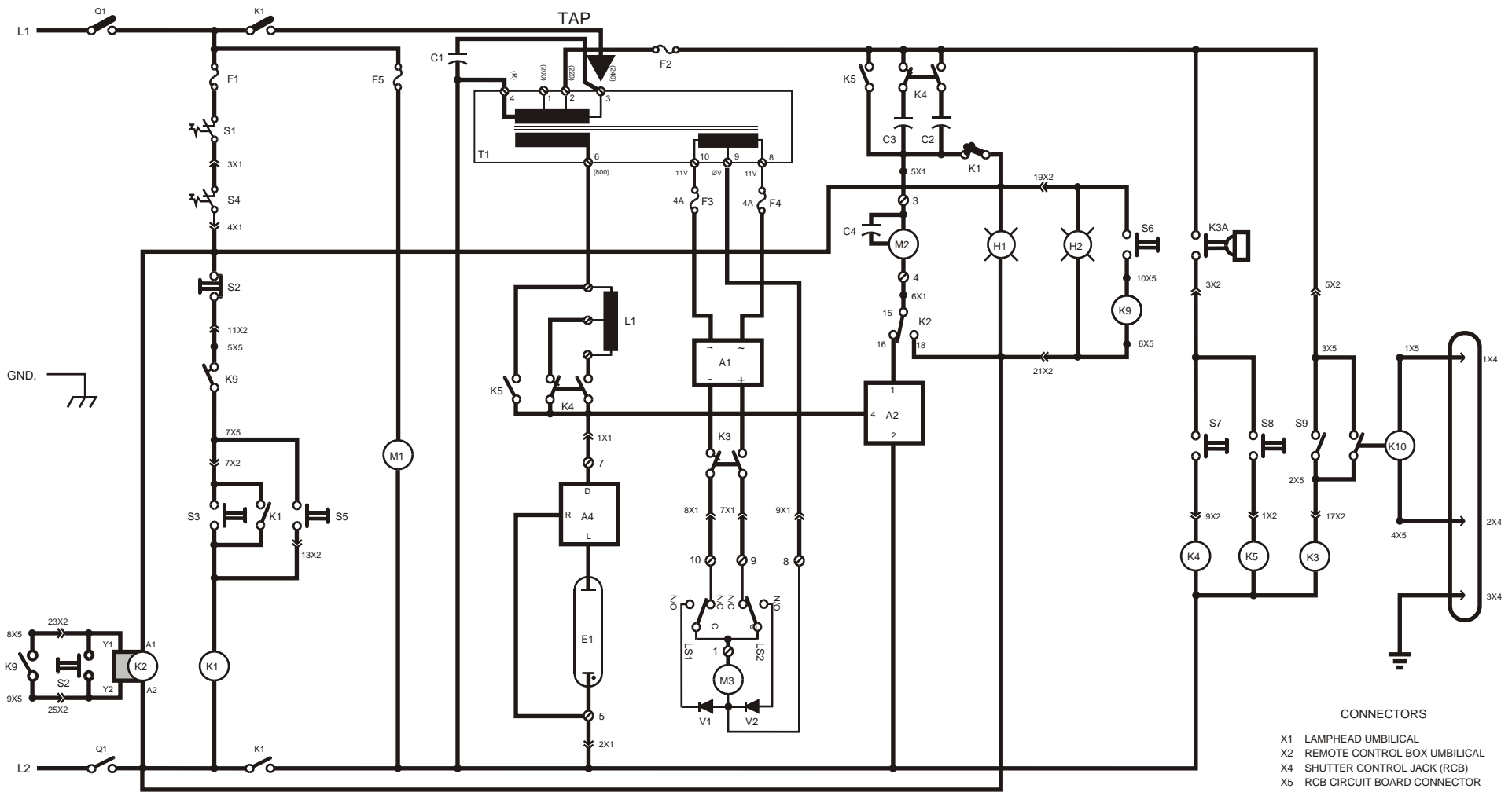


TYPICAL VIOLUX - VT LAMPHEAD WIRING - 3 WIRE BLOWERS (NOT COUNTING GROUND)

VIOLUX VT TRI-LEVEL SCHEMATIC



- CONNECTORS**
- X1 LAMPHEAD UMBILICAL
 - X2 REMOTE CONTROL BOX UMBILICAL
 - X4 SHUTTER CONTROL JACK (RCB)
 - X5 RCB CIRCUIT BOARD CONNECTOR

PARTS LIST

Power Supply

Symbol	Description	VT 4	VT 6	VT 8
		Part#	Part#	Part#
A1	Shutter Rectifier	31313	31313	31313
A2	Blower Motor, PCB	56528	56528	56528
C1	Capacitor, Power Line Compensation	20972 (x4)	20972 (x6)	20972 (x6)
C2	Capacitor, Low Cooling	23740	23738	23738
C3	Capacitor, Medium Cooling	23738	23756	23737+23756
F1	Fuse, Main Power Control, 4 Amp	63336	63336	63336
F2	Fuse, Fan & Blower Circuit, 2 Amp	63337	63337	63337
F3 & F4	Fuse, Shutter, 4 Amp	63336	63336	63336
F5	Fuse, 1 Amp	63305	63305	63305
H1	Power ON Indicator	70114	70114	70114
K1	Contactor, Main Power	63796	63796	63796
K2	Timer, Post Cooling	40596	40596	40596
K3	Contactor, Exposure Timer	63798	63798	63798
K3A	Power Level Delay	63861	63861	63861
K4	Contactor, Medium to Low Power	63859	63859	63859
K5	Contactor, Medium to High Power	63794	63794	63794
	Normally Closed Auxiliary Contacts	63795	63795	63795
L1	Choke, Reduced Power	44596	44596	44596
M1	Cooling Fan	43409	43409	43409
S1	Thermostat, Transformer Safety	72206	72206	72206
S2	OFF, Push Button, Red	70911	70911	70911
S3	ON, Push Button, Green	70910	70910	70910
	Switch for Push Button	70943	70943	70943
T1	Transformer, Main Power	44071	44072	44073
Q1	Switch, Main Disconnect Line Cord	71755	71747	71747
	Receptacle, 50A	50305	50305	50305
	Complete Power Supply	97290	97291	97292

Light Unit

Symbol	Description	VT 4	VT 6	VT 8
		Part#	Part#	Part#
A4	Starter, PCB	N/A	56884	56884
C4	Capacitor, Blower Motor Starting	23736	23737	23756
E1	Lamp, Multi-Spectrum	THS 3027	THS 6027	THS 8027
E1	Lamp, Diazo	THS 3020	THS 6020	N/A
E1	Lamp, Power Bulb	N/A	THS 6029	N/A
LS1/LS2	Limit Switch Assembly, Shutter	72104	72104	72104
	Complete Switch Assembly w/ Diodes	95608	95608	95608
M2	Motor, Lamp Cooling	43455	43401	43423
M3	Motor, Shutter Drive	43367	43367	43367
S4	Thermostat, Lamp Safety	72202	72202	72202
V1 & V2	Diode, Shutter Braking	95516	95516	95516
	Lamp Cable	80521	80521	80521
	Lamp Holder	101450	101450	101450
	Gear, Shutter Motor	160432	160432	160432
	Gear, Shutter	68714	68714	68714
	Reflector	100457	100457	100457
	Safety Glass	101140	101140	101140
	Shutter Assembly	161729	161729	161729
	Spacer, Shutter & Reflector Support	100503	100503	100503
	Terminal Strip	54160	54160	54160
	Screw for Terminal Strip	66023	66023	66023
	Complete Light Unit	97294	97295	97296
	Spacer, Shutter Bearing	161251	161251	161251
	Bearing for Spacer	68730	68730	68730
	Gear & Pin, Shutter	161260	161260	161260

PARTS LIST

Remote Control Box

Symbol	Description	VT 4 Part#	VT 6 Part#	VT 8 Part#
A5	Printed Circuit Board	56886	56886	56886
S5/S6	Push Button, ON / OFF	71708	71708	71708
S7A/S7B	Push Button, Power Select	72120	72120	72120
S9	Shutter Switch	71384	71384	71384