

CSD-UV42KITS (AM54)

PLT/PLL Program Start Ballast Kit

Application and Performance Specification

Ballast Type	Electronic	Ballast Factor	High
Starting Method	Program Start	Minimum Starting Temp.	-30°C / -22°F
Lamp Connection	Series	Approvals Class	UL / cUL Listed, Class P UL Type 1 Outdoor
Lamps Operated	1 or 2		
Input Voltage	120-277VAC; 50/60Hz	Warranty	5 Years $t_c \leq 75^\circ\text{C}$ 3 Years $75^\circ\text{C} < t_c \leq 90^\circ\text{C}$
EMI / RFI Compliance	FCC Part 18-A		
Sound Rating	Class A	Safety	Auto-Reset Shutdown Circuit End-of-Life Lamp Protection Surge Protected Type HL No PCBs CAN ICES-005 (A)

Electrical Data

Lamp Type	Lamps Operated	Line Voltage	Input Watts*	Nominal Line Amps	Ballast Factor	Power Factor	THD	Crest Factor
PLT42W	2	120	88	0.81	0.92	0.99	10%	1.70
		230		0.38		0.99	20%	
		277		0.26		0.99	20%	
	1	120	45	0.39	0.99	0.99	15%	
		230		0.20		0.97	25%	
		277		0.18		0.96	30%	
PLT32W	2	120	66	0.55	0.96	0.99	10%	1.70
		230		0.29		0.98	20%	
		277		0.24		0.98	20%	
	1	120	35	0.30	0.99	0.98	20%	
		230		0.16		0.97	25%	
		277		0.13		0.91	50%	
PLT26W	2	120	56	0.46	1.07	0.99	10%	1.70
		230		0.25		0.98	20%	
		277		0.21		0.98	20%	
	1	120	28	0.24	1.00	0.97	30%	
		230		0.14		0.96	30%	
		277		0.13		0.88	60%	



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Electrical Data

Lamp Type	Lamps Operated	Line Voltage	Input Watts*	Nominal Line Amps	Ballast Factor	Power Factor	THD	Crest Factor
PLL40W	2	120	79	0.66	0.85	0.99	10%	1.70
		230		0.35		0.99	20%	
		277		0.29		0.98	20%	
	1	120	42	0.36	0.91	0.99	20%	
		230		0.19		0.98	20%	
		277		0.17		0.95	35%	
PLL39W	2	120	64	0.54	0.67	0.99	25%	1.70
		230		0.29		0.98	25%	
		277		0.24		0.98	50%	
	1	120	35	0.30	0.67	0.98	10%	
		230		0.16		0.97	20%	
		277		0.14		0.92	20%	
PLL36W	2	120	62	0.51	0.91	0.99	10%	1.70
		230		0.28		0.98	20%	
		277		0.23		0.98	20%	
	1	120	33	0.28	0.89	0.98	25%	
		230		0.15		0.97	25%	
		277		0.13		0.92	45%	
PLL55W	1	120	43	0.36	0.67	0.99	20%	1.70
		230		0.19		0.98	20%	
		277		0.16		0.95	35%	
PLL50W	1	120	47	0.39	0.88	0.39	20%	
		230		0.19		0.21	20%	
		277		0.16		0.18	25%	

* ANSI measured wattage; 25°C ambient; bench top; lamps base up

Application and Performance Specification Information is subject to change without notification.



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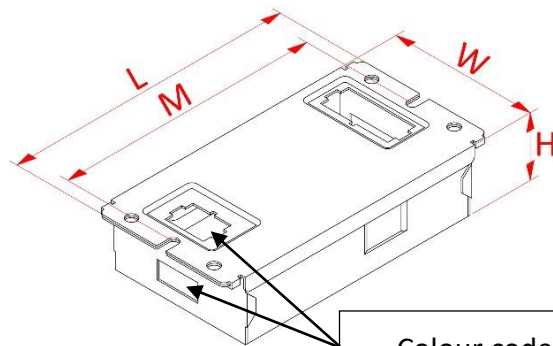
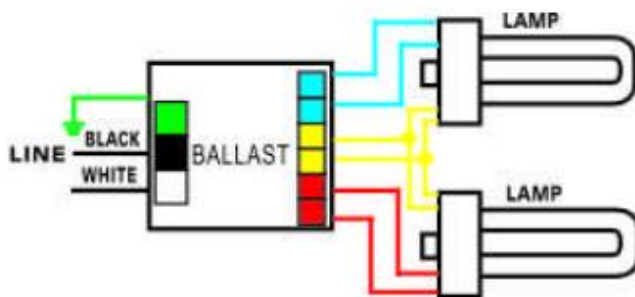
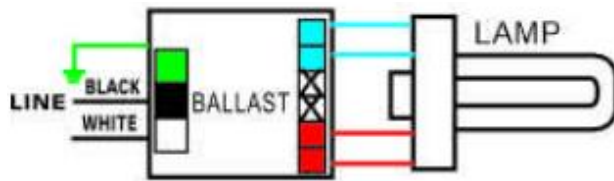
Wiring Diagram

Lead Length (Kit)

Black	9.00"	23.00 cm
White	9.00"	23.00 cm
Green	9.00"	23.00 cm
Red	9.00"	23.00 cm
Blue	9.00"	23.00 cm
Yellow	9.00"	23.00 cm

Mechanical Data

Overall Length (L)	5.00"	12.70 cm
Width (W)	3.00"	7.70 cm
Height (H)	1.34"	3.40 cm
Mounting (M)	4.60"	11.70 cm
Case Quantity	20	
Net Weight	15.65 lbs	7.10 kg
Gross Weight	17.86 lbs	8.10 kg



Colour coded, dual entry terminal blocks

Mounting Plate with Studs

Extending Wire Set

Wire Extraction Tool

Hardware

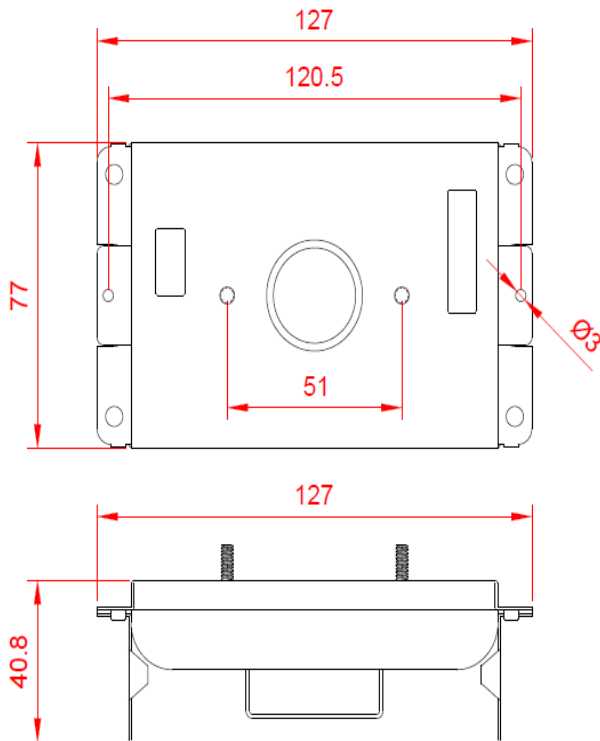


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Wiring Diagram

Mechanical Data



Maximum wiring distance (at full load) is 18AWG/18'
Ballast must be grounded

Install in accordance with the National Electrical Code

