



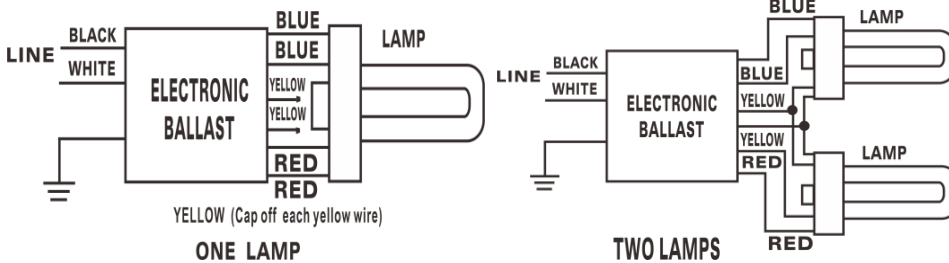
<b>Model Name</b>	<b>GSD-A32PS</b>
<b>Ballast Type</b>	Electronic
<b>Starting Method</b>	Program Start
<b>Lamp connection</b>	Series
<b>Input Voltage</b>	120-277V
<b>Input Frequency</b>	50/60Hz
<b>Warranty</b>	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

## Safety & Performance



- One or Two lamps
- Sound Rated Class A
- Auto Restart
- UL/cUL Listed
- Class P Thermally Protected
- No PCBs
- UL Type 1 Outdoor
- High Power Factor
- Type HL
- FCC part 18 Class A
- Surge Protected

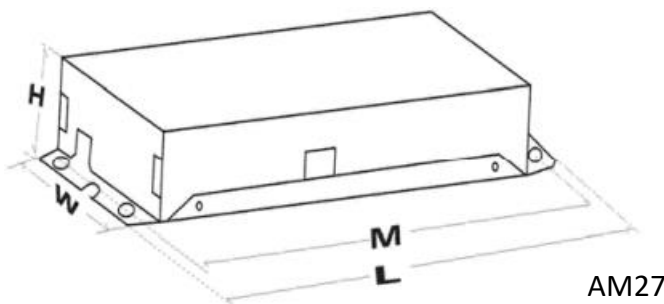
## Wire Diagram



Lead Length	Inch	Cm
Black	18.8	48
White	18.8	48
Blue	18.8	48
Red	18.8	48
Yellow	24	61

Maximum Wiring Distance (at full load) is 18AWG/18Feet  
Case must be grounded

## Enclosure



AM27

Enclosure	Inch	Cm
Length(L)	5	12.7
Width(W)	2.48	6.3
Height(H)	1.18	3.0
Mounting(M)	4.4	11.2



Electrical Specification with Different Lamps

Lamp Type	No. of Lamps	Input Voltage (V)	Rated Lamp Watts	Start Temp Min. (F/C)	Input Current (Amps)	Input Power (ANSI Watts)	Ballast Factor	THD Max. (%)	Power Factor	Lamp Current Crest Factor Max.	BEF
PLT-32W	2	120	32	-22/-30	0.57	70	0.84	10	0.99	1.7	1.20
		230			0.31			10	0.99		
		277			0.25			15	0.99		
	1	120			0.29	34	0.88	10	0.99		
		230			0.15			15	0.97		
		277			0.13			30	0.95		
PLT-26W	2	120	26	-22/-30	0.5	59	0.93	10	0.99	1.7	1.58
		230			0.26			15	0.98		
		277			0.22			20	0.97		
	1	120			0.25	30	1	10	0.99		
		230			0.14			15	0.98		
		277			0.11			20	0.95		
21W T5	2	120	21	-22/-30	0.54	64	1.24	10	0.99	1.7	1.94
		230			0.28			10	0.99		
		277			0.24			15	0.98		
	1	120			0.27	32	1.25	10	0.99		
		230			0.14			15	0.97		
		277			0.13			30	0.95		
2D 28W	2	120	28	-22/-30	0.5	60	1	10	0.99	1.7	1.67
		230			0.27			15	0.98		
		277			0.23			15	0.98		
	1	120			0.27	32	1.1	10	0.99		
		230			0.14			15	0.97		
		277			0.13			30	0.95		
2D 21W	2	120	21	-22/-30	0.39	46	1.02	10	0.99	1.7	2.22
		230			0.21			15	0.98		
		277			0.18			20	0.97		
	1	120			0.21	25	1.15	10	0.99		
		230			0.11			20	0.97		
		277			0.1			50	0.91		
PLT-42W	1	120	42	-22/-30	0.39	46	0.88	10	0.99	1.7	1.91
		230			0.21			15	0.98		
		277			0.18			20	0.97		
PLL-50W	1	120	50	-22/-30	0.4	48	0.8	10	0.99	1.7	1.67
		230			0.21			15	0.98		
		277			0.18			10	0.98		
PLL-40W	1	120	40	-22/-30	0.36	43	1.01	10	0.99	1.7	2.35
		230			0.19			15	0.98		
		277			0.17			30	0.96		



Electrical Specification with Different Lamps

Lamp Type	No. of Lamps	Input Voltage (V)	Rated Lamp Watts	Start Temp Min. (F/C)	Input Current (Amps)	Input Power (ANSI Watts)	Ballast Factor	THD Max. (%)	Power Factor	Lamp Current Crest Factor Max.	BEF
PLL-36W	2	120	36	-22/-30	0.52	62	0.81	10	0.99	1.7	1.31
		230			0.27			15	0.98		
		277			0.23			15	0.98		
	1	120			0.29	34	0.83	10	0.99		
		230			0.15			15	0.97		
		277			0.13			30	0.95		
PLL-24W	2	120	24	-22/-30	0.45	54	0.88	10	0.99	1.7	1.63
		230			0.24			15	0.98		
		277			0.21			20	0.97		
	1	120			0.24	28	0.92	10	0.99		
		230			0.13			15	0.97		
		277			0.11			10	0.95		