

PSM2GPH18MVDW

Ballast Type: Electronic
 Input Voltage: 120-277VAC ±10%
 Input Frequency: 50-60Hz

Starting Method: Program Start
 Lamp Connection: Series

Unit Color: White
 Unit Weight: 0.80 lbs.

ELECTRICAL SPECIFICATIONS:

Line Voltage (V)	Lamp Type	Lamp Watts	Approx. Lamp Length	No. of Lamps	Arc Voltage (V)	Lamp Current (mA)	Line Current (A)	Input Power (W)	Power Factor
120	GPH508T5	24	20	2	56	425	0.44	52	≥ 0.98
277							0.19		
120	GPH508T5	24	20	1	56	425	0.26	30	≥ 0.95
277							0.11		
120	GPH463T5	22	18	2	52	425	0.39	46	≥ 0.98
277							0.17		
120	GPH463T5	22	18	1	52	425	0.20	23	≥ 0.95
277							0.09		
120	GPH406T5	19	16	2	45	425	0.32	37	≥ 0.98
277							0.14		
120	GPH406T5	19	16	1	45	425	0.19	22	≥ 0.95
277							0.08		
120	GPH357T5	17	14	2	40	425	0.31	34	≥ 0.90
277							0.14		
120	GPH357T5	17	14	1	40	425	0.18	20	≥ 0.90
277							0.08		
120	GPH287T5	14	11	2	33	425	0.28	30	≥ 0.90
277							0.12		
120	GPH287T5	14	11	1	33	425	0.15	16	≥ 0.90
277							0.06		
120	GPH212T5	10	8	2	24	425	0.20	22	≥ 0.90
277							0.09		
120	GPH212T5	10	8	1	24	425	0.12	13	≥ 0.90
277							0.05		
120	GPL18K	18	9	2	42	425	0.40	46	≥ 0.98
277							0.17		
120	GPL18K	18	9	1	42	425	0.24	26	≥ 0.90
277							0.10		
120	TUV25W 4P-SE	25	21	2	59	425	0.44	52	≥ 0.98
277							0.19		
120	TUV25W 4P-SE	25	21	1	59	425	0.26	30	≥ 0.95
277							0.11		
120	TUV18WPL-L*	18	9	2	42	425	0.39	46	≥ 0.98
277							0.17		
120	TUV18WPL-L	18	9	1	42	425	0.24	26	≥ 0.90
277							0.10		
120	TUV16W 4P-SE	16	12	2	38	425	0.29	31	≥ 0.90
277							0.12		
120	TUV16W 4P-SE	16	12	1	38	425	0.16	17	≥ 0.90
277							0.07		
120	TUV11W 4P-SE	11	9	2	26	425	0.23	25	≥ 0.90
277							0.10		
120	TUV11W 4P-SE	11	9	1	26	425	0.13	14	≥ 0.90
277							0.06		
120	GPH810T5	38	32	1	96	425	0.33	39	≥ 0.96
277							0.15		
120	GPH711T5	34	28	1	80	425	0.33	38	≥ 0.96
277							0.14		
120	GPL36K	36	15	1	88	425	0.36	42	≥ 0.98
277							0.15		
120	TUV36WPL-L	36	16	1	85	425	0.36	42	≥ 0.98
277							0.15		
120	TUV36T5-4P-SE	36	33	1	85	425	0.35	41	≥ 0.98
277							0.15		

* Primary Lamp Type

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PERFORMANCE:

- Max Current THD = $\leq 15\%$
- Current Crest Factor = ≤ 1.7
- High Efficiency Electronic Ballast
- Normal Power Factor
- Normal Ballast Factor
- Encased & Potted
- Sound Rated A
- Meets FCC Part 18 (Class B) for EMI & RFI Consumer Limits (120-240V)
- Meets ANSI Standard C62.41 for Transient Protection
- Meets ANSI Standard C82.11 for Ballast Requirements

SAFETY/STANDARDS:

- UL/935 Listed (Class P, Type 1 Outdoor)
- No PCB's, Type HL, Type CC
- Inherent Thermal Protection
- RoHS Compliant

U.S. PATENT NUMBERS:

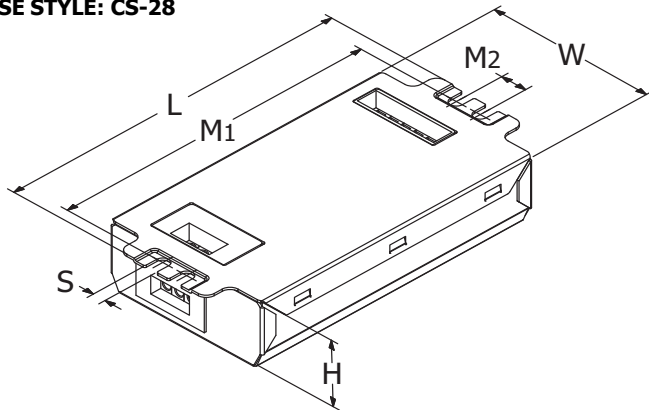
6,366,032 B1 ; 6,420,838 B1; 5,436,529

APPLICATION:

- Maximum Case Temperature: 194°F/90°C
- Maximum Ambient Temperature: 140°F/60°C
- Minimum Starting Temperature: -22°F/-30°C†
- Not Recommended for Extreme Temperature Variations
- Lamp Starts: > 50,000 Starts
- Remote Mounting: 18 ft. Max. Lead Length, 18AWG

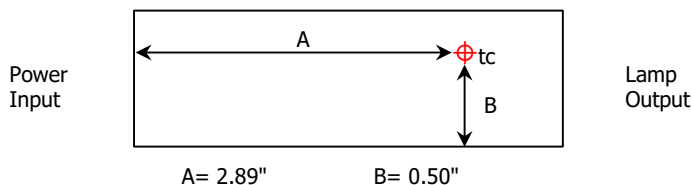
† Please Consult Lamp Manufacturer's Data Regarding Lumen Output vs Ambient Temperature

CASE STYLE: CS-28

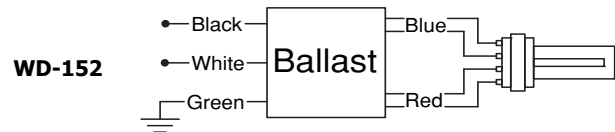


L	W	H	M1	M2	S
5	2 13/32	1	4 5/8	3/8	3/16
5.00	2.41	1.00	4.63	0.38	0.19
12.70 cm	6.11 cm	2.54 cm	11.75 cm	0.95 cm	0.48 cm

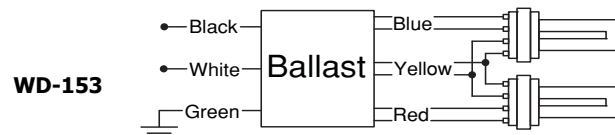
HOT SPOT LOCATION: (Top Label Side of Ballast)



WIRING DIAGRAM:



For 1 Lamp Application Omit Yellow Connections



Use 18 AWG Solid Copper Wire, Stripped to 3/8"

- Black: 12"
- White: 12"
- Green: 12"
- Red: (2) 12"
- Blue: (2) 12"
- Yellow: (2) 12"
- Strip: 0.375" $\pm$ 0.060"

WARRANTY:

Robertson Worldwide warrants to the purchaser that this product will be free from defects in material or workmanship for a period of 5 years from date of manufacture when properly installed and under normal condition of use. For more information on Robertson Worldwide ballasts, visit www.RobertsonLighting.com. Specifications subject to change without notice.