

**PSM226CQMVWCE · PSM226CQMVDWCE · PSM226CQMVDWCE**

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

Starting Method: Programmed  
 Lamp Connection: Series  
 Unit Color: White

Unit Weight: 0.8 lb.  
 Carton Quantity: 50  
 Skid Quantity: 1750/1800/1800

**ELECTRICAL SPECIFICATION:**

Line Voltage (V)	Lamp Type	Lamp Watts	No. of Lamps	Line Current (A)	Input Power (W)	Power Factor	Max Current THD (%)	Current Crest Factor	Ballast Factor	Wiring Diagram	B.E.F.
120	CFQ26W/G24q CFTR26W/GX24q	26	1	0.26	32	≥0.98	≤10	≤1.6	1.01	152	3.16
240				0.13							
277				0.12							
120	CFQ26W/G24q CFTR26W/GX24q	26	2	0.48	59	≥0.98	≤10	≤1.5	1.00	153	1.69
240				0.25							
277				0.21							
120	CFTR32W/GX24q	32	1	0.32	38	≥0.98	≤10	≤1.5	1.00	152	2.63
240				0.16							
277				0.14							
120	CFTR42W/GX24q	42	1	0.42	49	≥0.98	≤10	≤1.5	1.00	152	2.04
240				0.20							
277				0.18							
120	FT24W/2G11	24	1	0.25	32	≥0.98	≤10	≤1.6	1.01	152	3.16
240				0.13							
277				0.12							
120	FT24W/2G11	24	2	0.45	54	≥0.98	≤10	≤1.5	1.00	153	1.85
240				0.23							
277				0.20							
120	FC12T5	40	1	0.37	45	≥0.98	≤10	≤1.6	1.00	152	2.22
240				0.19							
277				0.16							
120	FC9T5	22	1	0.23	28	≥0.98	≤10	≤1.6	1.01	152	3.61
240				0.12							
277				0.11							
120	FC9T5	22	2	0.46	55	≥0.98	≤10	≤1.5	1.02	153	3.09
240				0.23							
277				0.20							
120	FC8T9	22	1	0.18	22	≥0.98	≤10	≤1.5	0.85	152	3.86
240				0.09							
277				0.09							
120	FC12T9	32	1	0.25	31	≥0.98	≤10	≤1.5	0.83	152	2.67
240				0.13							
277				0.12							
120	FC16T9	40	1	0.35	41	≥0.98	≤10	≤1.5	0.90	152	2.20
240				0.17							
277				0.15							
120	FC8T9 & FC12T9	22 & 32	2	0.40	48	≥0.98	≤10	≤1.5	0.80	153	1.67
240				0.20							
277				0.18							
120	CFS28W/GR10q	28	1	0.27	33	≥0.98	≤10	≤1.6	1.00	152	3.03
240				0.14							
277				0.13							

**ROBERTSON WORLDWIDE**

**PSM226CQMVWCE    •    PSM226CQMVDWCE    •    PSM226CQMVDSWCE**

**PERFORMANCE:**

- High efficiency electronic ballast
- Programmed start
- Series operation
- High power factor
- Encased & potted
- Sound rated A
- All-star EOL protection:
- Internal surge protection
- Meets FCC Part 18 (Class B) for EMI and RFI consumer limits
- Meets CE requirements (120-240V)
- Meets ANSI standard C82.11
- Meets ANSI standard C62.41
- EN61547:1996, Specification for Equipment for General Lighting Purposes. EMC Requirements Per IEC Publication 61000 Electromagnetic Compatibility (EMC)
- EN55015:2000 With Amendments A1:2001 & A2:2002 (CISPAR 15)
- EN 61000-3-3: 1995 Part 3: Limits – Section 2: Limits for harmonic current emissions
- EN 61000-3-3: 1995, A1: 2001 Electromagnetic Compatibility Part 3 Limits – Section 3: Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current up to 16 amps.

**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.
  - Compatible with leading manufacturers of Emergency Battery Packs
- † Please consult lamp manufacturer's data regarding Lumen Output vs. Ambient Temperature.

**SAFETY:**

- UL/935 (Class P, Type HL, Type CC, Type 1 outdoor) listed
- CSA/C22.2 certified
- RoHS Compliant
- No PCB's

**ORDERING INFORMATION:**

- Side Leads - W (Standard lead lengths 12")
- Dual Entry - DW
- Dual Entry with Studs - DSW
- Use 18AWG solid copper wire (stripped to 3/8")

**U.S. PATENT NUMBERS: 6,366,032 B1 ; 6,420,838 B1 ; 5,436,529**

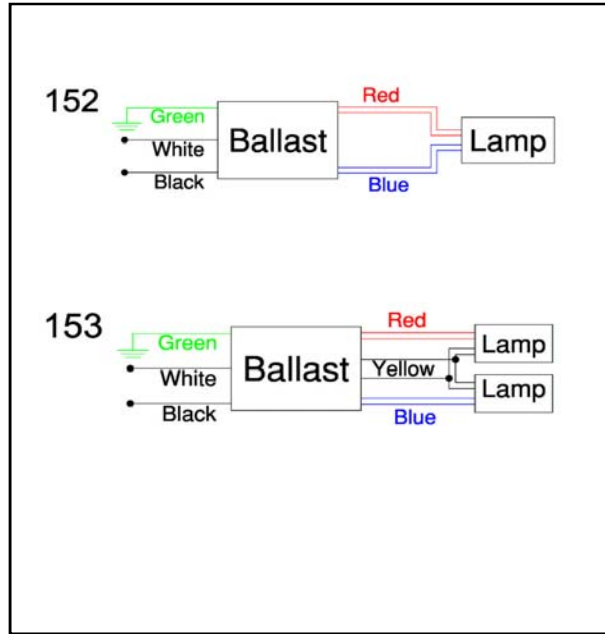
**STYLE:**

**28**

H	W	L	M	S
1	2 3/8	5	4 5/8	3/16
1.00	2.38	5.00	4.63	0.19
2.54 cm	6.05 cm	12.70 cm	11.76 cm	0.47 cm

A	B
3.1"	1.5"

**WIRING DIAGRAM:**



**WARRANTY:**

Robertson Worldwide warrants to the purchaser that this ballast 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 conditions of use. For more information on Robertson Worldwide's ballasts, call 1-800-323-5633 or visit [www.robertsonww.com](http://www.robertsonww.com). Specifications subject to change without notice

Revised 3/26/2012

**ROBERTSON WORLDWIDE**

13611 Thornton Rd, Blue Island, IL 60406, TEL: 1-800-323-5633, FAX: 1-877-388-2420, [www.robertsonww.com](http://www.robertsonww.com)