

**EZ24
PSM1GPH18DW24**

Ballast Type: Electronic
Input Voltage: 19.2-31.2Vac/Vdc
Input Frequency: 47-63Hz

Starting Method: Program Start
Lamp Connection: Series

Unit Color: White
Unit Weight: 0.80 lbs.

ELECTRICAL SPECIFICATIONS:

| Line Voltage (V) | Lamp Type | Lamp Wattage (W) | Approx. Lamp Length (in) | No. of Lamps | Arc Voltage (V) | Lamp Current (mA) | Line Current (A) | Input Power (W) | Energy Efficiency |
|------------------|-----------|------------------|--------------------------|--------------|-----------------|-------------------|------------------|-----------------|-------------------|
| 24Vac | GPH118T5 | 7 | 5 | 1 | 16 | 425 | 0.40 | 10 | 0.73 |
| 24Vac | GPH167T5 | 8 | 7 | 1 | 19 | 425 | 0.46 | 11 | 0.75 |
| 24Vac | GPH212T5 | 10 | 8 | 1 | 24 | 425 | 0.52 | 13 | 0.75 |
| 24Vac | GPH287T5 | 14 | 11 | 1 | 33 | 425 | 0.69 | 18 | 0.78 |
| 24Vac | GPH303T5 | 15 | 12 | 1 | 34 | 425 | 0.74 | 19 | 0.78 |
| 24Vac | GPH357T5 | 17 | 14 | 1 | 40 | 425 | 0.80 | 22 | 0.78 |
| 24Vdc | GPH118T5 | 7 | 5 | 1 | 14 | 437 | 0.40 | 10 | 0.70 |
| 24Vdc | GPH167T5 | 8 | 7 | 1 | 18 | 433 | 0.50 | 12 | 0.67 |
| 24Vdc | GPH212T5 | 10 | 8 | 1 | 21 | 433 | 0.55 | 13 | 0.69 |
| 24Vdc | GPH287T5 | 14 | 11 | 1 | 32 | 422 | 0.74 | 18 | 0.72 |
| 24Vdc | GPH303T5 | 15 | 12 | 1 | 33 | 415 | 0.80 | 19 | 0.74 |
| 24Vdc | GPH357T5 | 17 | 14 | 1 | 41 | 400 | 0.90 | 22 | 0.77 |

Operates Preheat Start Low Ozone Lamps and Ozone Generating Lamps

PERFORMANCE:

- Program Start electronic ballast
- Max Current THD = ≤15%
- Power Factor = ≥0.97
- Poke-in, Dual-entry color-coded connectors
- Integral and Connector power & lamp LED
- Internal Surge Protection
- Encased & Potted
- Best in class performance for EMC and EMI FCC Part 18 Class B and EN55015
- Meets ANSI Standard C62.41-1991 for transient protection
- Meets ANSI Standard C82.11-2011 for ballast requirements
- EN61000-3-2: 2014 Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
- EN61000-3-3: 2013 Electromagnetic compatibility (EMC) — Part 3-3: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subjected to conditional connection
- EN61547: 2009, Equipment for general lighting purposes — EMC immunity requirement

APPLICATION:

- Flexible wiring
- IP61 Rated
- Maximum case temperature 194°F/90°C
- Maximum ambient temperature 176°F/80°C
- Minimum starting temperature 0°F/-18°C
- Lamp Starts >50,000 Starts
- Remote Mounting 18 ft. Max. Lead Length, 18AWG
- 2.5 second preheat time

SAFETY/STANDARDS:

- UL/935 Listed (Class P, Type 1 Outdoor)
- cUL (CSA/C22.2 Certified)
- CE Marking
- RoHS Compliant
- No PCB's
- Steel Enclosure
- Robertson Patented All*Star and IEC 61547-2-3 EOL Protection for:
 - Open filaments
 - High lamp voltage
 - Lamp rectification
 - Limited restrike attempts
 - Low input voltage

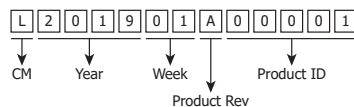
LED SPECIFICATIONS:

| LED | Recommended Max. LED Rating | Output Voltage (Vdc) | Output Current (mA) |
|-------|-----------------------------|----------------------|---------------------|
| Power | 2.0V, 20mA | 2.0 | 1.0 |
| Lamp | 2.0V, 20mA | 2.0 | 2.0 |

Click on image to view 3D model
(Download and Open in Adobe Reader 7 or later)



Date Code Decoder



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. Specifications subject to change without notice.
For more information on Robertson Worldwide products, visit www.RobertsonLighting.com

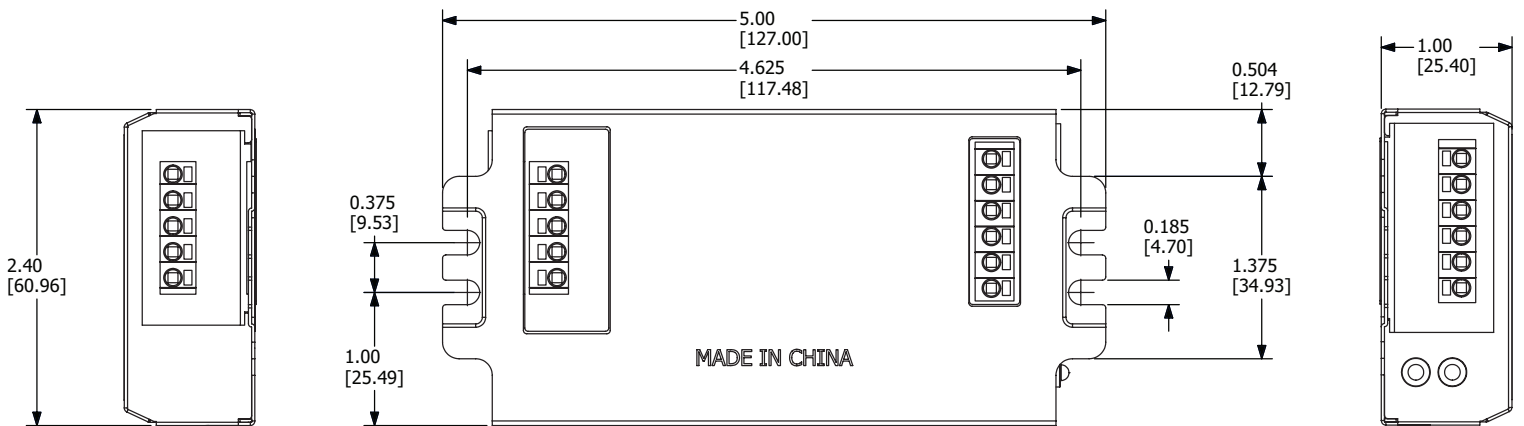
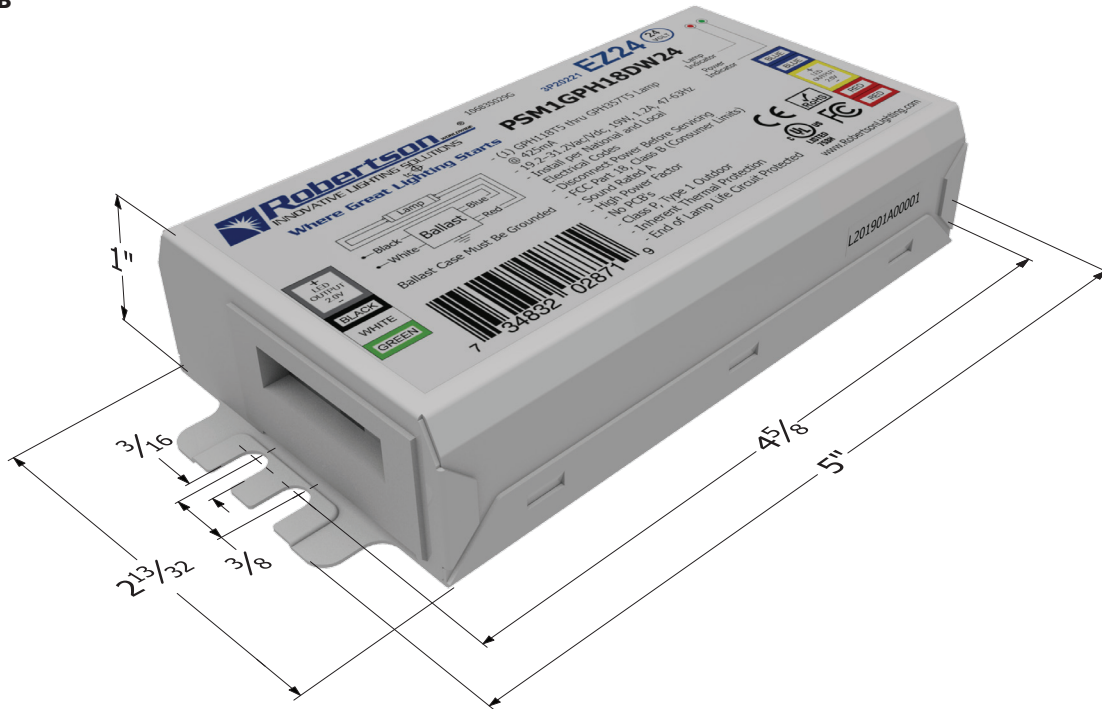
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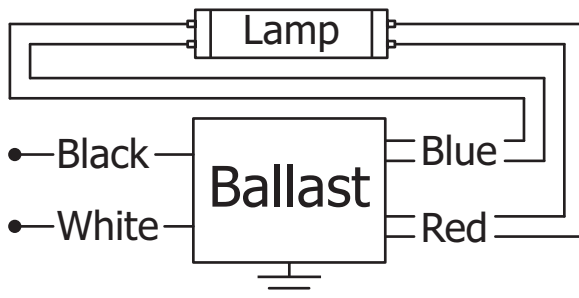
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|------------------|---------------|
| Starting Method: | Program Start |
| Lamp Connection: | Series |

| | |
|--------------|-----------|
| Unit Color: | White |
| Unit Weight: | 0.80 lbs. |

CASE STYLE: CS-28B



WIRING DIAGRAM: WD-003F



WIRE SPECIFICATIONS:

| UL Style | AWG Size | Conductor | Strip Length |
|--------------------|----------|--------------|--------------|
| 1015 - 105°C, 600V | 18 | Solid Copper | 3/8" |

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