

ELECTRICAL LISTING PROGRAM

Customer: Changzhou ProMEMS Technologies Corp.
 Class: LED Lighting for use in Recreational Vehicles
 Location: Changzhou, Jiangsu Province, China
 Listing No. E10689
 Report No. E10689-1501, Edition 3
 Project No. E10689-1801
 Effective Date: Aug 03, 2018
 Last Revised Date: April 08, 2015
 Expires: <N/A>

Standards: CSA C22.2 No. 250.0 "Luminaires"
 UL 234 "Low Voltage Lighting Fixtures for use in Recreational Vehicles"

Product: Recreational Vehicles Luminaires, Indoor & Outdoor use, permanently connected

Markings: Products are marked in a permanent manner where it is readily visible after installation with the following:

- a) Manufacturer's name or trademark
- b) Model designation
- c) Month and year of manufacture
- d) Product ratings: voltage, frequency, watts
- e) QAI file Number: E10689
- f) The wording "CSA C22.2 No. 250.0 and UL 234"
- g) Warning markings as required by the standards in English and French
- h) QAI logo shown here:
- i) For products rated for wet location "Suitable for Wet Locations"
- j) For products rated for dry locations "Dry Locations only"



Models / Ratings:

Model	Rating	Description	Diameter Size (mm)	Environmental Locations
PM-RV12V- X X X - Y Y - Z (X)	1 2 3 4 5 6 7			
1- PM-RV12V series Designation				



2- Designates Base Material: P – Plastic base, M – metal base 3- Designates Diffuser Shape: A – Surface Smooth, B – Patterned Lens 4- Designates Overall: 3 - 3 inch, 4 - 4 inch 5- Designates Diffuser material PC – Polycarbonate, AS – Acrylonitrile/styrene Copolymer 6- Designates Installation Type: S – Surface mounted, R – Recessed Mounted 7- Designated Function: T – Touch Sensor Switch, S – Mechanical Switch D – Touch Dimmable Switch				
PM-RV12V-MX3-YY-S	AC/DC 12V 3 W	Surface Mount RV LED Lights with Metal Base	95	Dry Location
PM-RV12V-MX4-YY-S	AC/DC 12V 4 W	Surface Mount RV LED Lights with Metal Base	115	Dry Location
PM-RV12V-PX3-YY-S	AC/DC 12V 3 W	Surface Mount RV LED Lights with Plastic Base	95	Dry Location
PM-RV12V-PX4-YY-S	AC/DC 12V 4 W	Surface Mount RV LED Lights with Plastic Base	115	Dry Location
PM-RV12V-PX3-YY-S (T)	AC/DC 12V 3 W	Surface Mount RV LED Lights with Touch Sensor Switch	95	Dry Location
PM-RV12V-PX4-YY-S (T)	AC/DC 12V 4 W	Surface Mount RV LED Lights with Touch Sensor Switch	115	Dry Location
PM-RV12V-PX3-YY-S	AC/DC 12V 3 W	Recess Mount RV LED Lights	95	Dry Location



PM-RV12V-PX4-YY-S	AC/DC 12V 4 W	Recess Mount RV LED Lights	115	Dry Location
PM-RV12V-PX3-YY-S (S)	AC/DC 12V 3 W	Surface Mount RV LED Lights with Mechanical Switch	95	Dry Location
PM-RV12V-PX3-YY-S (D)	AC/DC 12V 3 W	Surface Mount RV LED Lights with Touch Sensor Dimmable Switch	95	Dry Location
PM-RV12V-PX4-YY-S (S)	AC/DC 12V 4 W	Surface Mount RV LED Lights with Mechanical Switch	115	Dry Location
PM-RV12V-PX4-YY-S (D)	AC/DC 12V 4 W	Surface Mount RV LED Lights with Touch Sensor Dimmable Switch	115	Dry Location
Edition 2:				
Model: PM-DM-S-Y-Z, PM-DM-S-Z where PM: ProMEMS, D: Decorative; M: Meta; S: Sidewall; Y=01/02, 01: Acrylic 02: Fabric Z=A/B, A: Acrylic module, B: Bullet shape UNO module				
PM-DM-S-01-B	DC 12V 3.5W	Surface Mount RV LED Lights with Mechanical Switch	Varies	Dry Location
PM-DM-S-02-B	DC 12V 3.5W	Surface Mount RV LED Lights with Mechanical Switch	Varies	Dry Location
PM-DM-S-A	DC 12V 2.5W	Surface Mount RV	Varies	Dry Location



		LED Lights with Mechanical Switch		
PM-DM-S-B	DC 12V 2.5W	Surface Mount RV LED Lights with Mechanical Switch	Varies	Dry Location
Model: PM-DM-P-Z where PM: ProMEMS, D: Decorative; M: Meta; S: Sidewall, Z=A/B/C/D/E/F, A: Reading Light, B: Bullet shape UNO module				
PM-DM-P-A	DC 12V 3.5W	Surface Mount RV LED Lights	Varies	Dry Location
PM-DM-P-M	DC 12V 6W	Surface Mount RV LED Lights	Varies	Dry Location
Model: PM-F-SL-XXXX-CC-Y where PM: ProMEMS, SL: Strip Light; XXXX: Color Temperature; CC: Color Code; like RGB, R: Red, G: Green and B: Blue, Y = Wet/IP68				
PM-F-SL-XXXX-CC-Y	DC 12V 0.23W/inch	Surface Mount RV LED Strip Light	Varies	Wet Location
Edition 3:				
PM: ProMEMS, PL: Porch Light; L=8"(Length); X= 4W/6W(Power Wattage); Y: F/S (F: Frontal Luminescence; S=Side Luminescence); LS= CLR/FR (CLR = Clear, FR = Frost) Front Luminescence = Angle of Illumination is 45°, Side Luminescence = Angle of Illumination is 0° (Flat)				
PM-PL-L-X-Y-LS	DC 12V, 6W Max	Surface Mount RV LED Strip Light	Varies	Wet Location
PM: ProMEMS; F: Flex; LT:LunarTube; XXXX = 3000/5000/7500K(Color Temperature); Y= IP68/IP65				
PM-F-LT-XXXX-Y	DC 12V, 0.35W/inch Max Maximum Length = 20 Feet	Surface Mount RV LED Strip Light	Varies	Wet Location

Notes: Devices included in this listing are for use in recreational vehicles only. Final acceptance of those devices in the recreational vehicle is subject to inspection by the recreational vehicle certifier.



LABORATORIES

CERTIFICATION TESTING INSPECTION

VANCOUVER, BC: 877.461.8378 ph. | 604.527.8368 fx.
LOS ANGELES, CA: 909.483.0250 ph. | 909.483.0336 fx.
WASHINGTON, DC: 540.636.9445 ph. | 540.636.9414 fx.
TULSA, OK: 918.437.8333 ph. | 918.437.8487 fx.
TORONTO, ON: 905.605.5444
SEATTLE, WA: 425.512.8419
WEBSITE: WWW.QAI.ORG

The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI. No warrantee is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing. Visit the QAI Online Listing Directory located at www.qai.org for the most up to date version of this Listing and to validate that this QAI Listing is active. Questions regarding this listing may be directed to info@qai.org. Please include the listing number in the request.