QAI LABORATORIES
CERTIFICATION TESTING INSPECTION

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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 2
Project No.	E10689-1701
Effective Date:	April 8 2015
Last Revised:	June 23, 2017
Date:	
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:

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

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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
New Models:				
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 LED Lights with	Varies	Dry Location

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		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

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.