

STANDARD MAINTENANCE:

1. Balloon Cloth (only) is washable, use any cleaning liquid and spray lightly on the cloth, and rub it with a clean cloth or paper towel
2. Only use replacement parts authorized by Prism Lighting Services to protect the warranty
3. If using Honda Eu2200i generator, then follow Honda maintenance procedures
4. Slide the storage cover on the PBL unit, when not in use

MANUFACTURER'S LIMITED WARRANTY:

1. The warranty is limited to the Prism Balloon Light system and its accessories when distributed by Prism Lighting Services, LLC (manufacturer) and its authorized dealers.
2. PBL 500/PBL 900 - 12 months from the date of purchase
3. The warranty is applicable only to defects in material and workmanship and manufacturing defects.
4. The warranty is voided in case of physical damage, not following proper instructions as mentioned and high voltage electrical issues.



Prism Lighting Services, LLC

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Assembled in USA



Prism Lighting Services, LLC

OPERATIONS MANUAL FOR PRISM BALLOON LIGHT (PBL 500/PBL 900)



The Prism Balloon Light is designed to use for portable temporary scene lighting.

GENERAL PRECAUTIONS:

[READ ALL INSTRUCTIONS](#)

1. Avoid electrical hazards such as placing electrical cords in standing water
2. Avoid overhead hazards during deployment or machine mount
3. Do not use Prism Balloon Light if sustained winds exceed 35 mph
4. Never operate the light assembly without the balloon
5. Do not touch the LED light sources, while long in life they are very sensitive to pressure and contamination
6. Connect to only GFI protected power sources
7. Allow the assembly to cool for a minimum of 10 minutes prior to storing in the provided storage cover
8. Keep all sharp objects, oil chemicals and/or any other items that could cause damage to the balloon
9. Caution do not use in hazardous locations as required by the Canadian electrical code part 1

MAX: 600 WATTS TYPE: Bt37 (for PBL 500)
MAX: 1000 WATTS TYPE: BT37 (for PBL 900)

TECHNICAL SPECIFICATIONS:**CONTENTS:****PBL 500**

Electrical Parameters		
Sr. No.	Descriptions	Values
1	Power	500 Watt
2	Type	LED balloon Light
3	Operating Voltage	80-190 Volt AC @ 60 Hz 130-300 Volt AC @ 50-60 Hz
4	Power Factor	≥ 0.95
5	Operating Temp.	-40° to 50° C
6	THD	< 15%
7	Surge Protection	Upto 6 KV
8	System Efficiency	87 %
Optical Parameters		
1	LED Make	OSRAM Duris
2	LED Bulb Wattage	1 Watt
3	LED Package	3030
4	Lumen Output (Without Balloon)	58500 Lm
5	LED Lumen Efficiency	140 Lm
6	Beam Angle	1200
7	Color Temperature	6500 K
Mechanical Parameters		
1	Dimensions	L 615 x B 380 x H 380 mm
2	Weight	14.75 Kg/32.52 Lbs
3	Finish	Powdered Coated
4	Color	White
5	Mounting Pipe Diameter	-0 40 mm
6	Mounting Type	Tripod Stand Mounting

PBL 900

Electrical Parameters		
Sr. No.	Descriptions	Values
1	Power	900 Watt
2	Type	LED balloon Light
3	Operating Voltage	90-265 Volt AC @ 50-60 Hz
4	Power Factor	> 0.95
5	Operating Temp.	-400 ro 500 C
6	THD	< 15%
7	Surge Protection	Upto 6 KV
8	System Efficiency	87 %
Optical Parameters		
1	LED Make	OSRAM Duris
2	LED Bulb Wattage	1 Watt
3	LED Package	3030
4	Lumen Output (Without Balloon)	1,03,500 Lm
5	LED Lumen Efficiency	140 Lm
6	Beam Angle	1200
7	Color Temperature	6500 K
Mechanical Parameters		
1	Dimensions	L 725 x B 380 x H 380 mm
2	Weight	As Actual (tentative 16.75 kg)
3	Finish	Powdered Coated
4	Color	White
5	Mounting Pipe Diameter	-0 50 mm
6	Mounting Type	Tripod Stand Mounting

1. Prism Balloon Light
2. Storage Cover
3. Tripod with connector fitted on top and crank handle system
4. Optional - Different Mounting tripod stands are available for extra cost
5. Machine mount kit is available for extra cost
6. Can be provided with Honda Eu2200i Generator for power for extra cost

OPERATION OF PBL:

1. Stand the tripod on even ground with the crank handle at its lowest setting towards the ground
2. Take the connector pin out
3. Lift the light assembly and mount it on to the connector of the tripod and tighten the pin through the hole, thus securing it in place (For machine mount assembly, the fixed stand has to be bolted in place with a machine mount kit (extra))
4. Check the balloon from top making sure that four corners of balloon are properly positioned on the bottom square mounting plate, check the locking belt to ensure tightness and the air release zipper is closed
5. Plug the power cord into the power supply (circuit protected by GFI) or to the generator
6. The unit has two switches - one for the blower fan and first half of LEDs (around 250W for PBL 500 and around 450 W for PBL 900) and the second for second half of LEDs (full 500W or 900W)
7. Turn on the first switch - First half of LEDs will light up immediately and the blower will start inflating the balloon gradually. Let the balloon inflate fully. You can turn on the second switch during or post inflation for second half of LEDs

8. Once illuminated the Prism Balloon Light will continuously operate until either the power is disconnected or the switch is moved to the off position
9. The height of the Prism Balloon Light can be adjusted by rotating the crank handle and can be locked at any height
10. Upon full extension, the maximum height will be 10 feet from ground level to top of the balloon.
11. **Turning Off-** Turn the second switch to off position. Turn the first switch to off position. Let the balloon deflate slowly. Unzip the air release zipper. Let it cool for at least 10 minutes
12. Disconnect the power cable
13. After cooling, zip the air release zipper back and put the storage cover on the balloon and tighten it. Put the unit in a safe place.

TROUBLESHOOTING:

1. Balloon will not inflate -
 - Verify the power source to light is on
 - Verify the switch is in the on position, when on, the blower fan should be running
 - Inspect the balloon for any tears, holes, verify the zipper is closed and the locking belt is properly tightened
2. Balloon inflates but the light will not come on - Please contact Prism Lighting Services for assistance: +1-904-880-9900, service@prismlighting.net