



PLANET ELECTRO LABS

AN ISO 9001/NABL/BIS CERTIFIED LABORATORY

WZ-407/B-1, Basai Dara Pur,
Near Ramesh Nagar Metro Station,
New Delhi-110015 (India)

Mob.: 91 9821974769 | 011-25106978
E-mail : planetelectrolabs@gmail.com
Website : www.planetelectrolabs.com

TEST CERTIFICATE

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QUALITY REPORT

TEST REPORT AS PER: IEC 60529:2001/IS 10322-1.

TEST REPORT NO. PEL/ED/07200519A

ULR No. TC527219000000212P


DATE OF ISSUE OF TEST REPORT: 15/04/2019

Customer Ref. & Date if any: Nil

| | | |
|---------------------------------------|-----------------------------------|---------------------------------|
| Date of Sample Receipt: 13/03/2019 | Start of Test Date: 19/03/2019 | End of Test Date: 15/04/2019 |
|---------------------------------------|-----------------------------------|---------------------------------|

NAME & ADDRESS OF CUSTOMER
M/S. SHRIYASH ELECTRICALS &
POWER SOLUTIONS
SR No- 12/5, B Padwal Chawl,
Chinchwad, Haveli, Pune Maharashtra-
411033

PART A - PARTICULARS OF THE SAMPLE SUBMITTED

| NATURE OF SAMPLE | LED LUMINAIRE (STREET LIGHT) |
|---|--|
| Grade/ Variety/ Type/ Class/ Size etc. | 220-240VAC, 50Hz, 200W, IP66, PF: 0.95, Class I, Made in India |
| Declared Values, if any (declared by the manufacturer). | Nil |
| Code no./ Sr. No. | Nil |
| BIS Seal and IO's sign. If any. | Nil |
| Batch no., Date of manufacture | Nil |
| Brand Name/Model No. | Brand "  " / Model "SEPS-SLPL-200" |
| Quantity of Samples | 1 No. |
| Condition of the Sample when received. | OK |
| Standard Specification (s). | As customer requirement |
| Environmental Conditions. | Temperature 25 ± 1°C & Relative Humidity <65% |

PART B - SUPPLEMENTARY INFORMATION

- a) Deviations from the test methods as per relevant specification/ work instructions, if any : NIL
b) Details of the drawings, graphs, tables, sketches or photographs as referred in the test report, if any : NIL

Notes:

- This report is not to be reproduced wholly or in part without our special permission in writing.
- This report refers only to the particular sample detailed above.
- The results reported in this certificate are valid at the time of and under the stipulated conditions of measurement.
- Sample will be disposed off after 30 days of issue of test report if no any further information is received.
- All the tests are certified except one with asterisk mark (not accredited by NABL).
- Any recognition claim in the test report is solely for promotional/advertising purpose and has no relation with the content of the report.

| Tested By | Approved By | Issued By |
|---|---|---|
|  |  |  |
| Testing Engineer Date: 15/04/2019 | Technical Manager Date: 15/04/2019 | Proprietor Date: 15/04/2019 |

Terms & Conditions: 1. This report will not be valid for judicial purpose. 2. Total liability of our laboratory is limited to invoiced amount.
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| Sr. No. | Test Parameter | Test / Requirement name | Test result/ observation | Verdict |
|---------|----------------|--|---|---------|
| 1. | IP TEST | | See below | P |
| | CI.11 | General Requirement | See below | P |
| | | Tests for ingress of dust, solid objects and moisture: | See below | P |
| | | - classification according to IP | IP66 | P |
| | | - mounting position during test | Normal Operating Position | P |
| | CI.12 | Test for protection against access to hazardous parts indicated by the first Characteristics numeral | Tested with Test wire at 45V, No live part become accessible | P |
| | CI.13 | Tests for protection against solid foreign objects indicated in First Characteristics numeral | See Below | P |
| | | Dust test for First Characteristics numeral 6 | Tested in Dust Proof Chamber for 8 hour | P |
| | | Acceptance condition for First Characteristics numeral 6 | The protection is satisfactory , No deposit of dust observable inside the enclosure at the end of the test | P |
| | CI.14 | Tests for protection against Water indicated in Second Characteristics numeral | See Below | P |
| | | Test for second characteristics numeral 6 with 12.5mm Nozzle | Tested with 12.5mm nozzle for 3min. | P |
| | | Acceptance condition for second characteristics numeral 6 | Water does not accumulate to reach live parts in the equipment under test. No harm to the equipment. | P |

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|-------------------------|--------------------------|
| Tested By | Approved by |
| <i>Sangeeta</i> | |
| Testing Engineer | Technical Manager |

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| | | | |
|------------|--|--------------------------|-----|
| 12. | RESISTANCE TO DUST AND MOISTURE(CI.14) | See below | P |
| Cl. 14 (-) | If IP > IP 20 the order of tests as specified in clause 9.2 | IP66 | P |
| 14 (9.2) | Tests for ingress of dust, solid objects and moisture: | See below | P |
| | - classification according to IP | IP66 | P |
| | - mounting position during test | Normal mounting position | P |
| | - fixing screws tightened; torque (Nm) | | N/A |
| | - tests according to clauses | Complies | P |
| | - electric strength test afterwards | Withstood | P |
| | a) no deposit in dust-proof luminaire | | N/A |
| | b) no talcum in dust-tight luminaire | Complies | P |
| | c) no trace of water on current-carrying parts or on insulation where it could become a hazard | Complies | P |
| | d) i) For luminaires without drain holes –no water entry | Complies | P |
| | d) ii) For luminaires with drain holes – no hazardous water entry | | N/A |
| | e) no water in watertight luminaire | | N/A |
| | f) no contact with live parts (IP 2X) | | N/A |
| | g) no entry into enclosure (IP 3X and IP 4X) | | N/A |
| | h) no contact with live parts (IP3X and IP4X) | | N/A |

| | |
|-------------------------|--------------------------|
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| | |
| Testing Engineer | Technical Manager |

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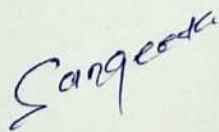
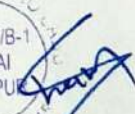
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|---|---|--|---|-----------|
| 13. | INSULATION RESISTANCE AND ELECTRIC STRENGTH (Cl. 15) | | See below | P |
| | Cl. 15 (10.2.1) | Insulation resistance test | See below | P |
| | | Cable or cord covered by metal foil or replaced by a metal rod of mm Ø | Metal foil wrapped on cable | P |
| | | Insulation resistance (MΩ) | >200MΩ | P |
| | | SELV | See below | P |
| | | - between current-carrying parts of different polarity | No SELV circuit | N/A |
| | | - between current-carrying parts and mounting surface | See above | N/A |
| | | - between current-carrying parts and metal parts of the luminaire | See above | N/A |
| | | Other than SELV | See below | P |
| | | - between live parts of different polarity | >200MΩ | P |
| | | - between live parts and mounting surface | | N/A |
| | | - between live parts and metal parts | No Metal Parts | N/A |
| | | - between live parts of different polarity through action of a switch | No switch provided | N/A |
| | | Cl. 15 (10.2.2) | Electric strength test | See below |
| | Dummy lamp | | No Dummy lamp | N/A |
| | Luminaires with ignitors after 24 h test | | No ignitors used | N/A |
| | Luminaires with manual ignitors | | No ignitors used | N/A |
| | Test voltage (V) | | See below | P |
| | Other than SELV | | See below | P |
| | - between live parts of different polarity | | Test conducted at 1480V, No flashover or breakdown observed (Fusible Resistor open circuited) | P |
| - between live parts and accessible parts | Test conducted at 1480V, No flashover or breakdown observed | P | | |

| | |
|---|---|
| Tested By | Approved by |
|  |  |
| Testing Engineer | Technical Manager |

