Certificate No: TC-5100

HI PHYSIX
testing & calibration laboratory

HI PHYSIX LABORATORY INDIA PVT. LTD.
B-32/1/2, MIDC, Ranjangaon, Pune, Maharashtra
info@hiphysix.com, infohplindia@gmail.com
Phone : 02138 - 232901, 232902, 232903
CIN : U74120DL2009PTC194754
Mobile 1 : +91 7768005400
Mobile 2 : +91 7768005411
Mobile 3 : +91 7768005422

TEST REPORT

TEST REPORT AS PER: IS 10322 (Part 5/Sec 1): 2012 & customer's specification **SRF No. 20080305**

Name & Address of Customer: **M/s. PROMPT SERVICES** **L-141, M.I.D.C INDUSTRIAL AREA,** **AHMEDNAGAR,** **MAHARASHTRA – 414111, INDIA**	**ULR-TC510020000001206F** **Test Report No: HPLI/Test/2008030501 (Part B)** **Date of issue: 28/08/2020**		
	Customer Ref. & Date : 26/08/2020		
	Date of Sample Receipt: 26/08/2020	**Start of Test Date: 27/08/2020**	**End of Test Date: 27/08/2020**

PART A - PARTICULARS OF THE SAMPLE SUBMITTED

Sample description	**150W LED HIGHBAY (ML HB ROUND WITH LENS)**
Grade/ variety/ type/ class/ size etc.	**150W, 230V, 50Hz**
Declared values, if any	**Input Voltage:230VAC, Test Voltage: 230VAC,Input Current: 0.653 Amp, Input Power : 150W,Power Factor: 0.982, Input Frequency: 50Hz, Total Luminous Flux: 22500 lm, Luminous efficacy: 150 lm/w, Correlated colour Temperature: 6500 K±5%, Rendering Index (Ra): 70 CRI**
Code no., BIS seal and IO's sign. if any	**Nil.**
Batch no., date of manufacture and Brand Name	**Brand : "Eetamax™ Energy Efficient LED Lighting Systems"** **Model No. :EELS 150W RND ML HB HL** **LOT NO. :E1582008**
Quantity	**02 Nos.**
Condition of the sample	**OK**
Reference specification (s)	**IS 10322 (Part 5/Sec 1): 2012 & Customer's Specification (Test have been carried out as per customer's request)**
Environmental conditions	**Temperature (25±4)°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: Photographs Attached.
c) Testing procedure according to work instructions HPLI 03/Test-Photo/ WI-02 & 12.
d) The Management System is maintained in accordance with IS/ISO/IEC 17025:2017 and testing Standards/Instruments are traceable to National and International Standards

Notes:
i) This report is not to be reproduced wholly or in part without our special permission in writing.
ii) This report refers only to the particular sample detailed above.
iii) The results reported in this certificate are valid at the time of and under the stipulated conditions of measurement.
iv) Remnants of the sample will be disposed off after 30 days of issue of test report, if no any further information is received.

Tested by **Checked by** **Approved by**

HI PHYSIX LABORATORY INDIA PVT. LTD.
Ashutosh Pathak
(Chief Technical Manager)

Certificate No: TC-5100

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Discipline: Electrical Testing
Group: Lamps, Luminaries and accessories
PART C - TEST RESULT

ULR-TC510020000001206F
TEST REPORT NO.: HPLI/Test/2008030501 (Part B)

S.No.	TESTS WITH CLAUSE REFERENCE	SPECIFIED REQUIREMENTS	RESULTS
1.	**Resistance to Dust and Moisture** (As per Cl.14.0 of IS 10322 (Part 5/ Sec 1): 2012) **IP66 test**	**Dust-tight luminaires (Test for first characteristic numeral 6X):** shall be tested in a dust chamber, in which talcum powder is maintained in suspension by an air current. The chamber contains 2 kg of powder for every cubic metre of its volume. The talcum powder used shall be able to pass through a square-meshed sieve whose nominal wire diameter is 50 µm and whose nominal free distance between wires is 75 µm. a) The luminaire is suspended outside the dust chamber and operated at rated supply voltage until operating temperature is achieved. b) The luminaire, whilst still operating, is placed with the minimum disturbance in the dust chamber. c) The door of the dust chamber is closed. d) The fan/blower causing the talcum powder to be in suspension is switched on. e) After 1 min, the luminaire is switched off and allowed to cool for 3 h whilst the talcum powder remains in suspension. After the test there shall no deposit of talcum powder inside the enclosure.	No traces of talcum powder observed inside the enclosure of the Luminaire
		Powerful Water Jet-proof luminaires (second characteristic IP numeral X6): are switched off and immediately subjected to a water jet for 3 min from all directions by means of a hose having a nozzle. The nozzle held 3 m away from the sample. The water pressure at the nozzle adjusted to achieve a water delivery rate of 100 l/min ± 5 % (approximately 100 kN/m^2). There shall be no water entry	No accumulation of water observed inside the Luminaire
		Electric Strength Test: The sample shall be subject to the test voltage of 1.46kV (RMS) at 50 Hz for one minute between all live parts connected together and the body. The sample shall withstand the test	Withstood & No flashover occurred

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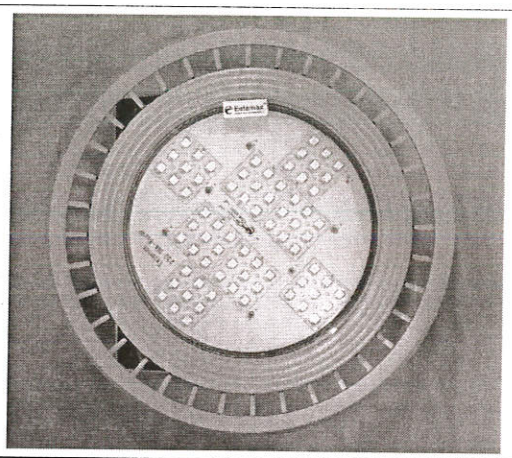
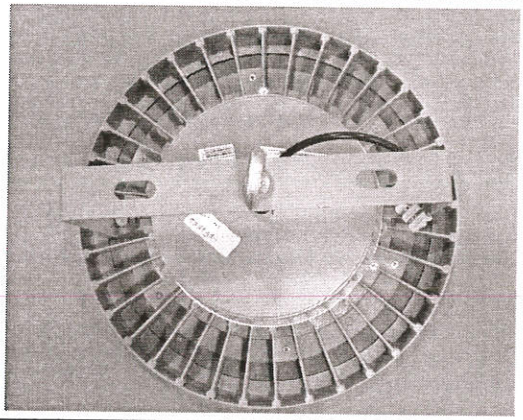
ULR-TC510020000001206F

PART C - TEST RESULT **TEST REPORT NO.:** HPLI/Test/2008030501 (Part B)

Photographs:



FRONT VIEW



REAR VIEW

Eetamax®
ENERGY EFFICIENT LIGHTING SYSTEMS
ITEM : ML HB ROUND WITH LENS
MODEL NO. :EELS 150W RND ML HB HL
LOT NO. :E1582008
Tested Ok
www.eetamax.com

MARKING

PART-D:

Remarks: 1. The observations given in part A of the cover page of the test report are taken from the marking on the sample and specification given by the customer.
2. Above test performed on sample no. 2 as per customer's request.

******* END OF THE TEST REPORT *******

HI PHYSIX LABORATORY INDIA PVT. LTD.
Ashutosh Pathak
(Chief Technical Manager)

Tested by **Checked by** **Approved by**