



BHARAT TEST HOUSE PVT. LTD.

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TEST REPORT

[Amendment No. 1 (See Remark 1)]

Test Report No. : 20170704004A	Ref. No. : Nil
Issue Date : 04/07/17	Date : 17/06/17
Issued To : INSTAPOWERTD. 457, Udyog Vihar, Phase-V, Udyog Vihar, Gurgaon 122016.	Job Order No. : BTH-R/PM/170620/14 Date of Sample Receipt : 20/06/17 Page :1...of...1....
Sample Deposited/Collected by : Party.	
Sample Description : Said to be, "Model Name: Medium Intensity Aviation Obstruction Light, Input Voltage: 230VAC, S. No.: IR1705102938, Trademark: INSTAPOWERTD., Other Instruction: Light is 230VAC operated."	
Date(s) of performance of tests : Date of Start: 20/06/17; Date of Completion: 03/07/17.	
Name of Manufacture : INSTAPOWERTD. 103, Raipur Industrial Area, Bhagwanpur, 15.5km, Roorkee Dehradun Highway, Uttarakhand, 247661, India.	

S. No.	Tests Conducted	Requirement as per customer request	Results
1.	LED Based Medium Intensity Aviation Obstruction Light Type-A (Protocol followed as per client & ICAO Standard)	Peak Intensity at " Above 50 Cd/ square meter background Luminance" in Cd at 0° Angle should be 20000 Cd ± 25%	24485 Cd
		Peak Intensity at " Above 50 Cd/ square meter background Luminance" at -10° Angle should be 3% Maximum	562.5 Cd
		Peak Intensity at " Above 50 Cd/ square meter background Luminance" at -1° Angle should be 50% Minimum and 75% Maximum	14437.5 Cd
		Peak Intensity at " Below 50 Cd/ square meter background Luminance" at - 0° Angle should be 2000 Cd ± 25%	2477.8 Cd
		Peak Intensity at " Below 50 Cd/ square meter background Luminance" at - 10° Angle should be 3% Maximum	48 Cd
		Peak Intensity at " Below 50 Cd/ square meter background Luminance" at - 1° Angle should be 50% Minimum and 75% Maximum	1437.3 Cd
		Vertical Beam Spread should be 3° Minimum	6.8°
		Number of Flashes per minute should be 20-60 Flashes/Minute	25 Flashes/Minute
		Colour of the light emitting from the source should be White	Satisfactory

Remark: 1. Manufacturer address has been added as per client request.

A. Kant
Tested By

[Signature]
Authorised Signatory

The NABL Accreditation and the BIS recognition claimed is valid only for the scope of accreditation and recognition as on date of this report, as mentioned on NABL and BIS Website respectively.

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