

TEST REPORT NO : 03 6505 Page 1 of 2 Date : 2011.06.23

TEST REPORT OF LED BASED AVIATION OBSTACLE LIGHT

Name & Address of the Customer : RAY DYNAMICS
20, STV Nagar(Opp Nava India Power House)
2nd X East, Peelamedu
COIMBATORE - 641 004
TAMILNADU, INDIA

Dear Customer,

We are pleased to forward the test report for the following sample.

Item Description : Led Solar Aviation Obstacle Light with Inbuilt Twilight Switch
Item Received On : 2011.05.13
Sample Make : RAY DYNAMICS, Model No.LIT 10-SL
Test Method : As per Customer's Specification
Customer Order/Ref. Date. SITARC/SAOL-test/11-12/001, 13.05.2011

Thanking you

Yours faithfully


(K GUNABAL)

Deputy Director.



NOTE :

1. This report refers only to the particular sample(s) submitted for testing and the sample was not drawn by us.
2. This report shall not be reproduced except in full, unless written permission for the publication of an approved abstract has been obtained from the Director, Si'Tarc.
3. The results reported in this report are valid at the time of under the stated conditions of measurement.
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Dated : 23/06/2011

Sample's code No. 03 6505

Tested On

22/06/2011

TEST REPORT OF LED BASED AVIATION OBSTACLE LIGHT

(As per Customer specification)

Description of the Sample :

Nomenclature	LED SOLAR AVIATION OBSTACLE LIGHT WITH INBUILT TWILIGHT SWITCH		
Make / Brand	RAY DYNAMICS	Model	LIT10-SL
Category	Low intensity Type - A	Input	Solar panel
Ref.Std./ Specification	As per International Civil Aviation Organization (Annexure-14), Directive for 10cd of Low Intensity Obstacle Light Type - A requirements		
Note: Only the test asked by the customer has been carried out.		*ND – Not Described	

Sl. No.	Name of the Test.	
1.	<u>Test 1 :</u>	
	Specification / Requirements	Lux Level at one Metre from the light source in vertical at 6 and 10 degree
	Test Results	The average value of Lux level at one metre distance from the light source is 25 at an angle of 6 degrees. The average value of Lux level at one metre distance from the light source is 20 at an angle of 10 degrees.
2.	<u>Test 2 :</u>	
	Specification / Requirements	The lamp for auto ON / OFF by exposing the solar panel to sun light.
	Test Results	The LED solar aviation obstacle light with inbuilt twilight switch is automatically switched OFF when the sun light level less than 200 Lux and automatically switched ON in the darken area.

Tested by



S.Kavitha

Jr.Tech / (Electrical Engg.Divison)

Approved by



A.M.Selvaraj

TM (Electrical Engg.Divison)