

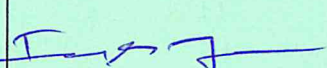




ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION
(Accredited by the National Accreditation Board for Testing and Calibration Laboratories, Govt. of India)
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TEST REPORT

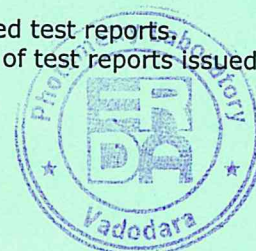
Sheet 1 of 2

NAME & ADDRESS OF CUSTOMER M/s. K-LITE INDUSTRIES. D-10, Ambattur Industrial Estate, Chennai - 600 058.	REPORT NO. : RP-1516-035270	
	DATE : 24.12.2015	
	CUSTOMER REF. NO.: KLI/2015-2016 dtd.: 08.12.2015	
	DATE OF SAMPLE RECEIPT	DATE OF TESTING
	18.12.2015	18.12.2015
SAMPLE DESCRIPTION Pelican Fort 125W LED Luminaire No. of LEDs: 36. Following Specifications were declared by customer : Brand : " K-LITE ", Rated supply voltage : 240V AC, 50Hz, Rated wattage: 125Watt, Model No.: KL 6799.	SAMPLE IDENTIFICATION ERDA Sample Code No. : ERDA-00119459	
	TEST DETAILS 1. Total luminous flux measurement and Luminous efficacy	
TEST SPECIFICATION As per IES LM-79-08 [Clause No.9.0 & 11.0]		
Enclosures : Photograph No.: ERDA-00119459/1		
Remarks : No remarks regarding conformity is given for above test as no tolerances for the parameters were declared by customer.		
 PREPARED BY	 CHECKED BY	 APPROVED BY (Padma Kumar)

Note : 1. This report relates only to the particular sample received for testing in good condition at ERDA, Vadodara.
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Sheet 2 of 2

Sr. No.	Particulars of test and clause no.	Requirement as per specification	Obtained value	Remarks
1.	Total luminous flux measurement and Luminous efficacy [Clause No.9.0 & 11.0]		The sample was operated in integrating sphere with below mention test conditions. Test conditions <ul style="list-style-type: none"> ➤ Number of hours prior to measurement : 1 hour. ➤ Total operating time of the product for measurement including stabilization : 1 hour ➤ Orientation (burning position) : 4 π geometry ➤ Photometric method : Sphere spectroradiometer system ➤ Designation and type of reference standard used: 75W, Tungsten halogen lamp, Omni-directional, Traceability: NIST, USA 	-----
		correction factors applied	➤ Self absorption correction factor.	
		Photometric measurement conditions.	➤ Diameter of sphere : 2 meter, Coating reflectance : 98%, 4 π geometry	
		Bandwidth of spectro radiometer	➤ 350 nm to 1050 nm for spectral flux.	
			<ul style="list-style-type: none"> ➤ Equipment used: Precision Power Analyzer (Yokogawa Make), Integrating sphere with spectral flux measurement system Labs sphere, USA. 	
			After the stabilization the value of total luminous flux and luminous efficacy were as follow.	
			Ambient temperature.: (25±1)°C	
			Test voltage : 240V AC,	
			Test frequency : 50 Hz,	
			Supply current : 0.4971 A	
			Total power : 115.71 W	
			Total luminous flux : 11240 lm	
			Luminous efficacy [lm/w]: 97.1	

TL 1403801

PREPARED BY

CHECKED BY





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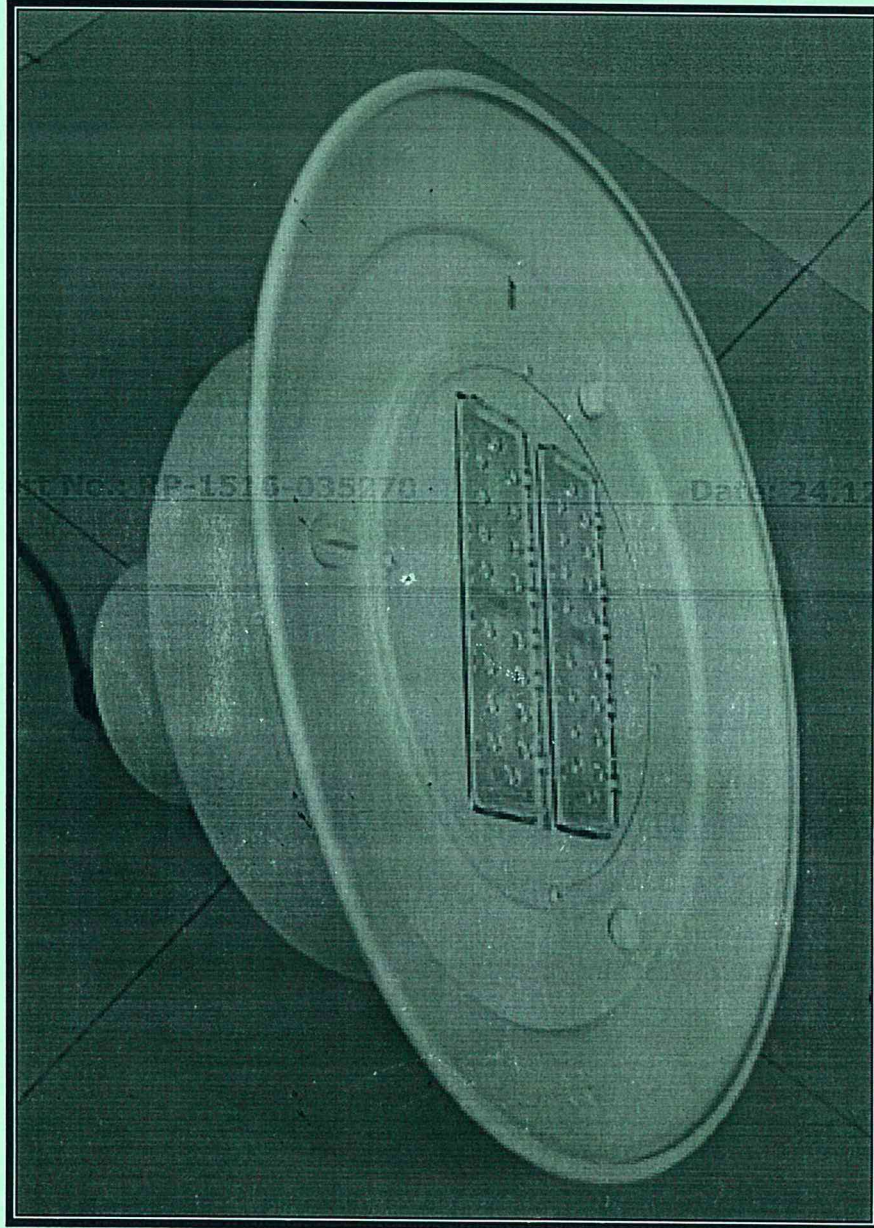
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PHOTOGRAPH NO: ERDA-00119459/1
COMPLETE PHOTOGRAPH OF 125W PELICAN FORT LED LUMINAIRE

TL 1403802

[Handwritten signature]

